

APPENDIX

INLAND
RAIL

P

Non-Operational Noise and Vibration Technical Report

PART 2 OF 3

Appendix B

CALVERT TO KAGARU ENVIRONMENTAL IMPACT STATEMENT

APPENDIX

P

Non-operational Noise and Vibration Technical Report

Appendix B Noise and vibration monitoring

CALVERT TO KAGARU ENVIRONMENTAL IMPACT STATEMENT

SITE ID

Noise Monitoring Data Sheet

Inland Rail

C2K_01

From	Monday 19/11/2018 16:30	Meas. Type	Free Field	Package	Calvert to Kaguru
To	Thursday 29/11/2018 6:45	Mic. Height (m)	1.8	Address	30 Newcastle Street
Instrument Type	01 dB DUO	Weather Station	No	Suburb	Calvert
Instrument Serial #	12606	Operator	BR	Land Use	Residential
Inst. Cal. Date	6/9/2018	Sample Int.	15 min	Latitude	27°39'51.55"S
Pre Calibration	94	RP Lot#	20/CC3472	Longitude	152°31'12.14"E
Post Calibration	94.2				

Daytime

RBL 34.7 dB(A)

Evening

RBL 32.0 dB(A)

Night

RBL 26.7 dB(A)

ABLs Day (Mon-Fri 7am - 6 pm)

ABLs Evening (Mon-Fri 6 pm - 10 pm)

ABLs Night (Mon - Thu, Sat - Sun 6pm - 7am)

ABLs Day (Sat 8 am - 1 pm)

ABLs Evening (Sat 1 pm - 10 pm)

ABLs Night (Fri 6pm - 8am)

ABLs Evening (Sun 7 am - 10 pm)

Tuesday 20/11/2018 30.3 dB(A)

Monday 19/11/2018 31.9 dB(A)

Monday 19/11/2018 25.2 dB(A)

Wednesday 21/11/2018 32.9 dB(A)

Tuesday 20/11/2018 32.0 dB(A)

Tuesday 20/11/2018 27.2 dB(A)

Thursday 22/11/2018 35.3 dB(A)

Wednesday 21/11/2018 33.9 dB(A)

Wednesday 21/11/2018 30.5 dB(A)

Friday 23/11/2018 38.8 dB(A)

Thursday 22/11/2018 32.1 dB(A)

Thursday 22/11/2018 26.3 dB(A)

Saturday 24/11/2018 39.3 dB(A)

Friday 23/11/2018 26.6 dB(A)

Friday 23/11/2018 25.3 dB(A)

Monday 26/11/2018 34.0 dB(A)

Saturday 24/11/2018 29.9 dB(A)

Saturday 24/11/2018 23.5 dB(A)

Tuesday 27/11/2018 30.9 dB(A)

Sunday 25/11/2018 34.4 dB(A)

Sunday 25/11/2018 34.4 dB(A)

Wednesday 28/11/2018 36.8 dB(A)

Monday 26/11/2018 31.8 dB(A)

Monday 26/11/2018 24.6 dB(A)

Wednesday 28/11/2018 39.8 dB(A)

Tuesday 27/11/2018 33.4 dB(A)

Tuesday 27/11/2018 29.9 dB(A)

Wednesday 28/11/2018 29.0 dB(A)

Site Diagram - Diagram



Inland Rail

Project:60553814

Future Freight
Integrating Community, Environment and Engineering

Site Attended Measurements Summary

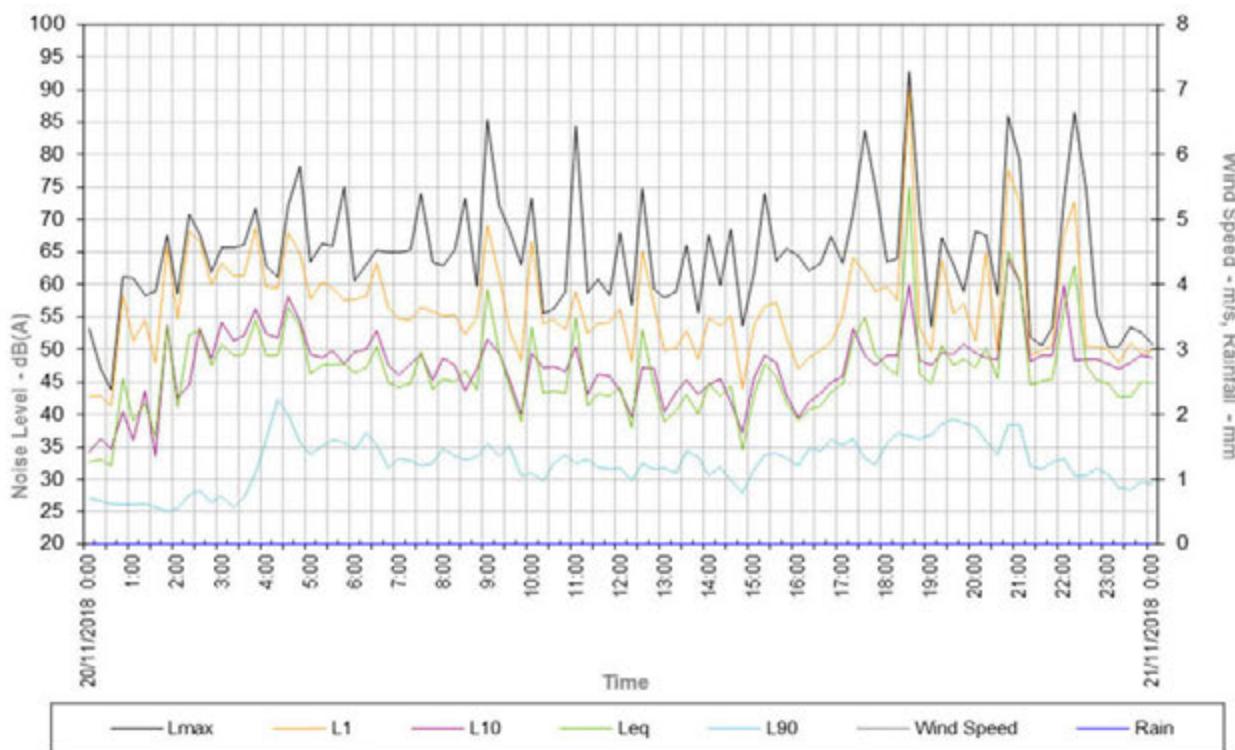
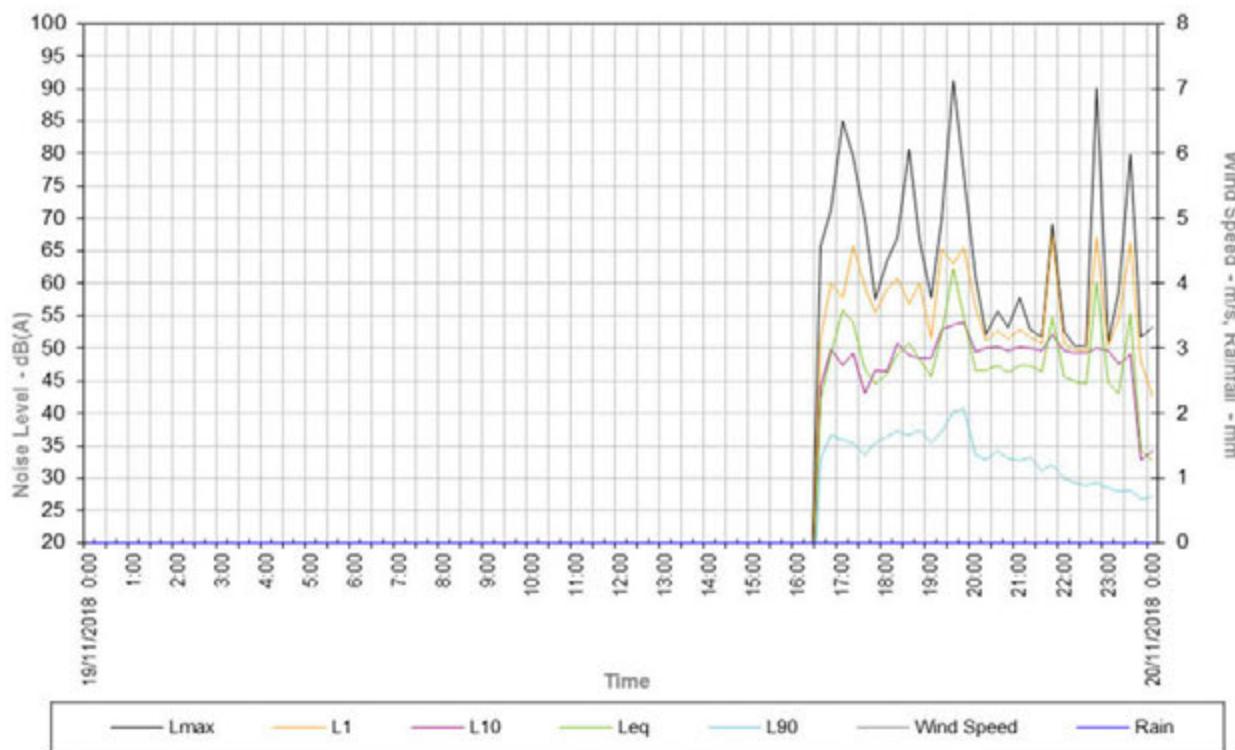
Date	Start	Type	Measurement					Weather Conditions	Comply	End
			Lmax	L1	L10	L90	Leq			
19/11/2018	4:30 PM	Attended	64.8	49.8	42.5	33.0	42.5		Pass	4:45 PM
		Logged	65.8	51.5	44.2	33.1	42.0			
		Difference	-1.0	-1.7	-1.7	-0.1	0.5			
Comments	Cow at 44dB(A), Distant Traffic at 52dB(A), Local Car at 42dB(A), Birds at 40-62dB(A), Background is Natural Sources at 37dB(A)									
29/11/2018	6:45 AM	Attended	67.4	55.1	47.0	33.3	44.4		Pass	7:00 AM
		Logged	64.6	56.0	47.5	33.7	45.1			
		Difference	2.8	-0.9	-0.5	-0.4	-0.7			
Comments	Data unavailable between 3:00 AM 25/11/18 to 10:00 AM 26/11/18 due to battery failure. Distant bark 44dB(A), Motorbike 45-52dB(A), Distant Traffic at 32-55dB(A), Local Car at 42dB(A), Birds at 35-52, Background is Natural Sources at 32-34dB(A)									

Photos



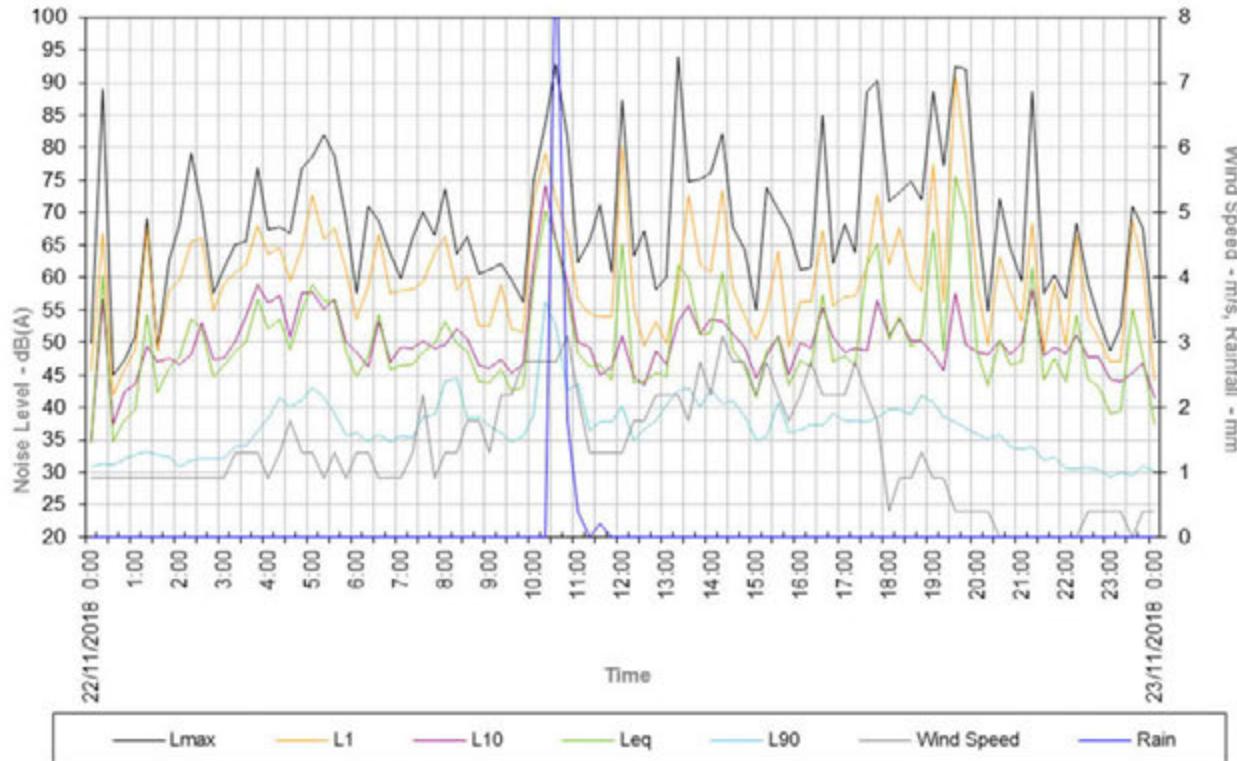
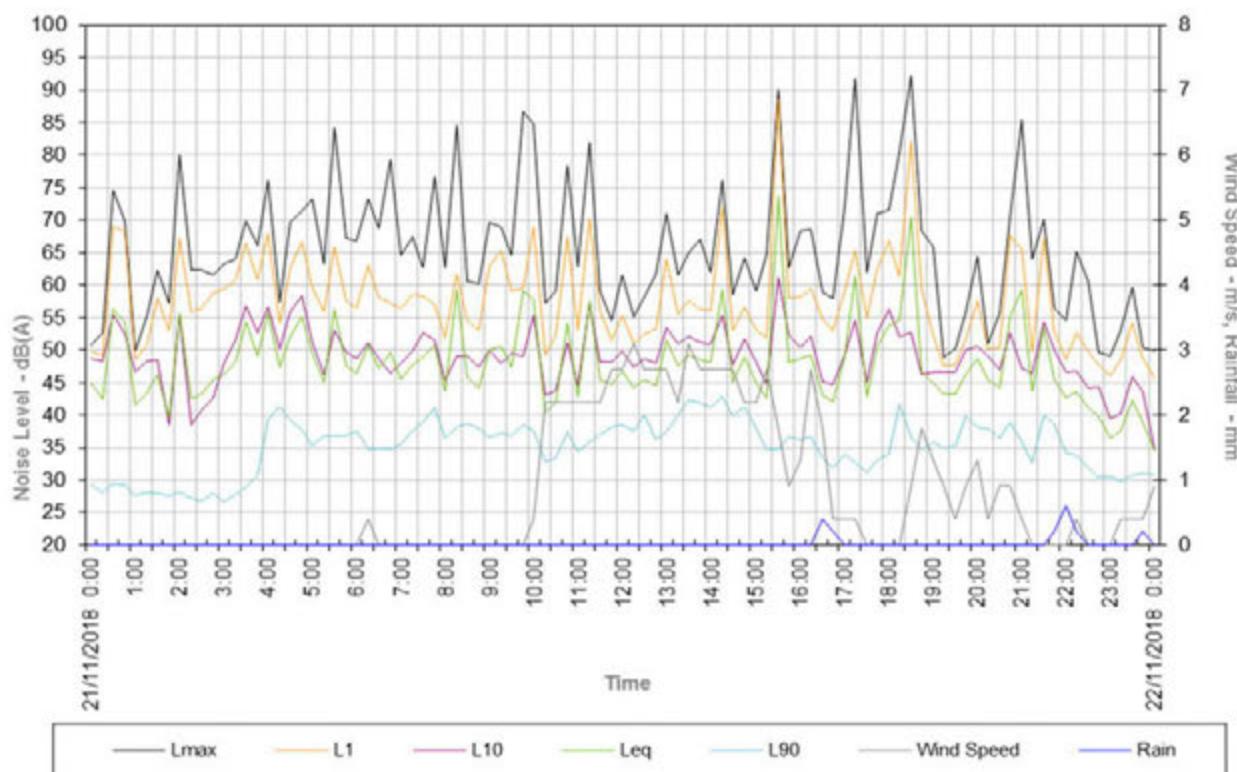
Site Noise and Weather Graphical Analysis

30 Newcastle Street



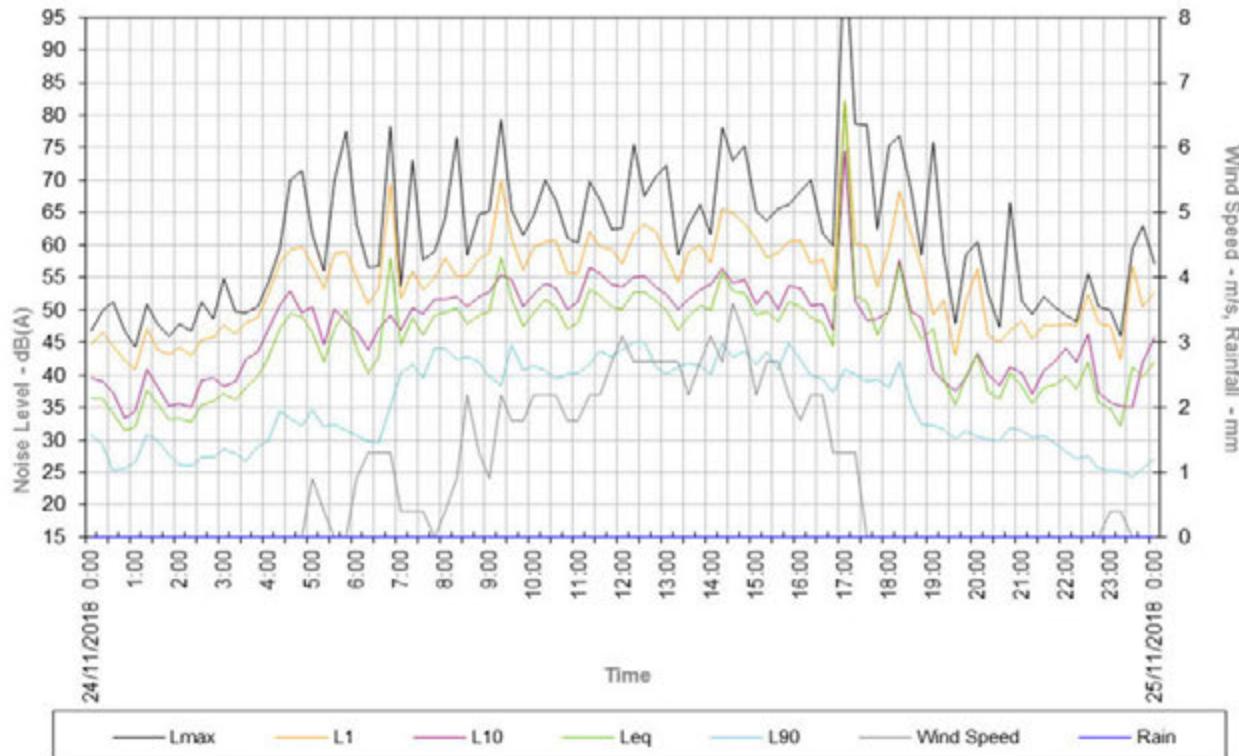
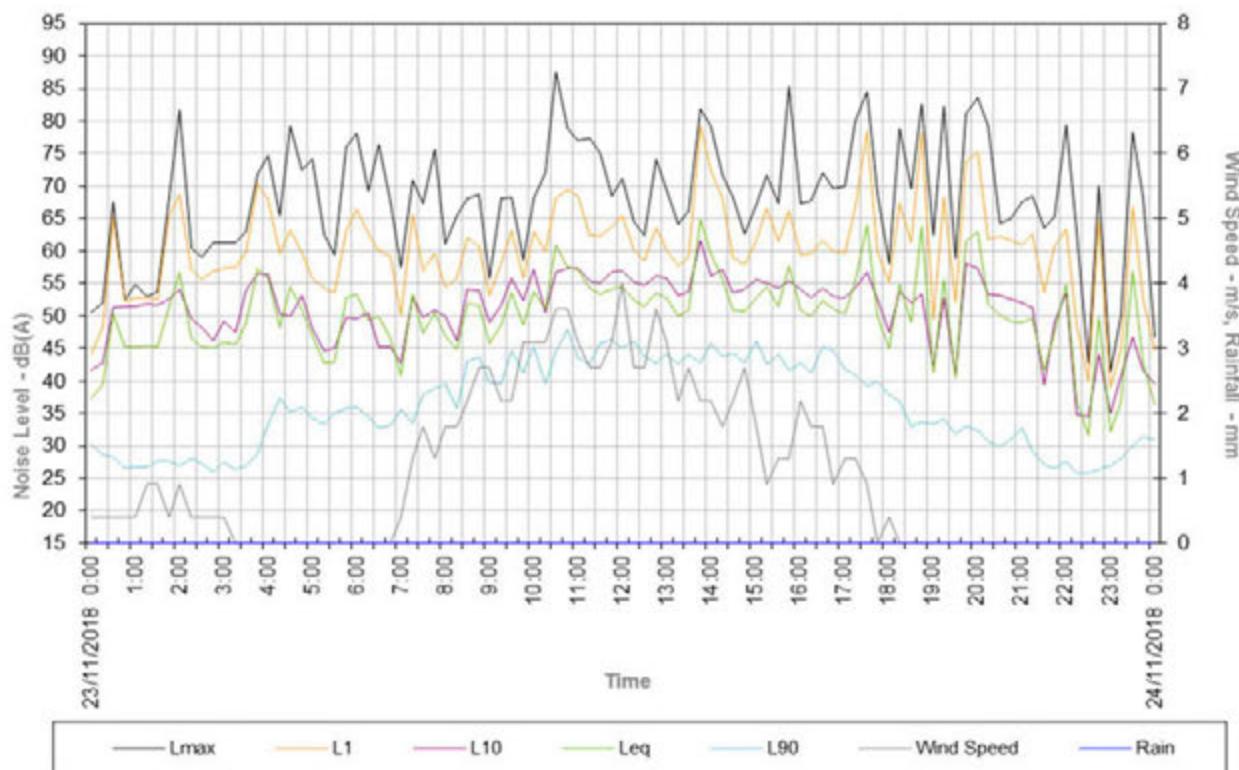
Site Noise and Weather Graphical Analysis

30 Newcastle Street



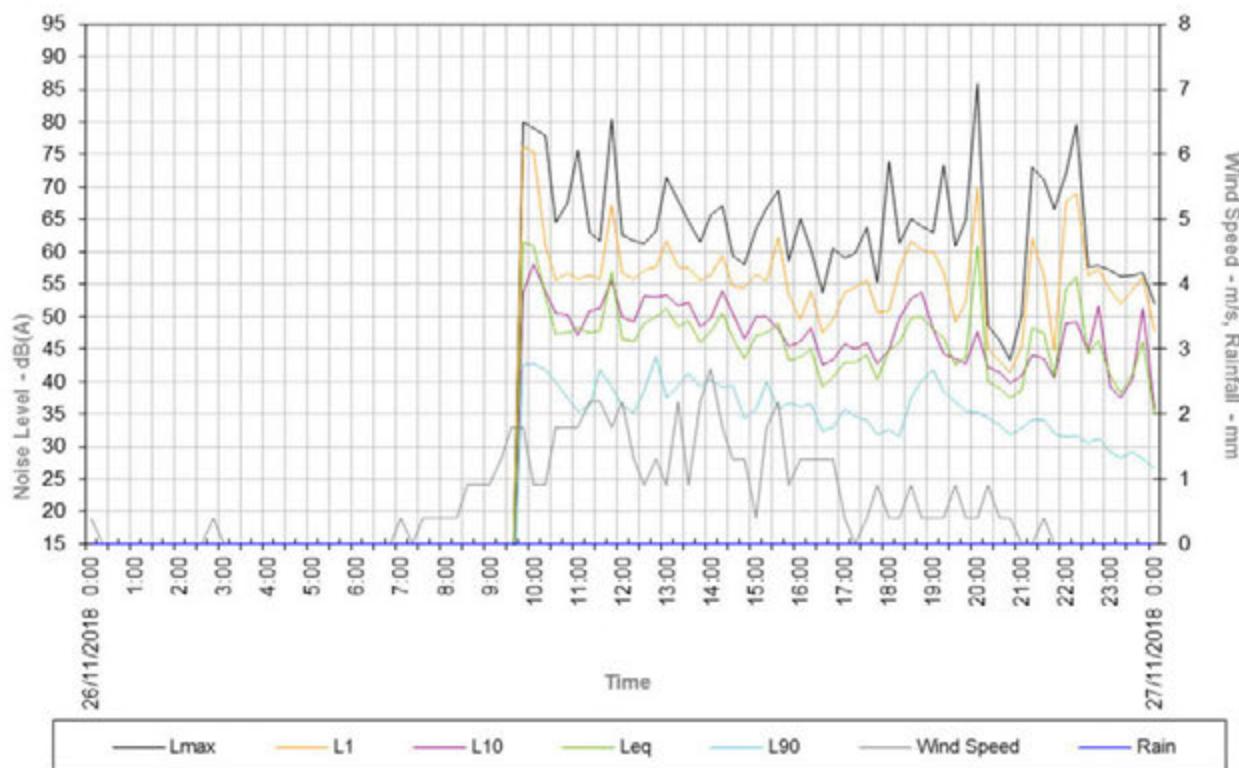
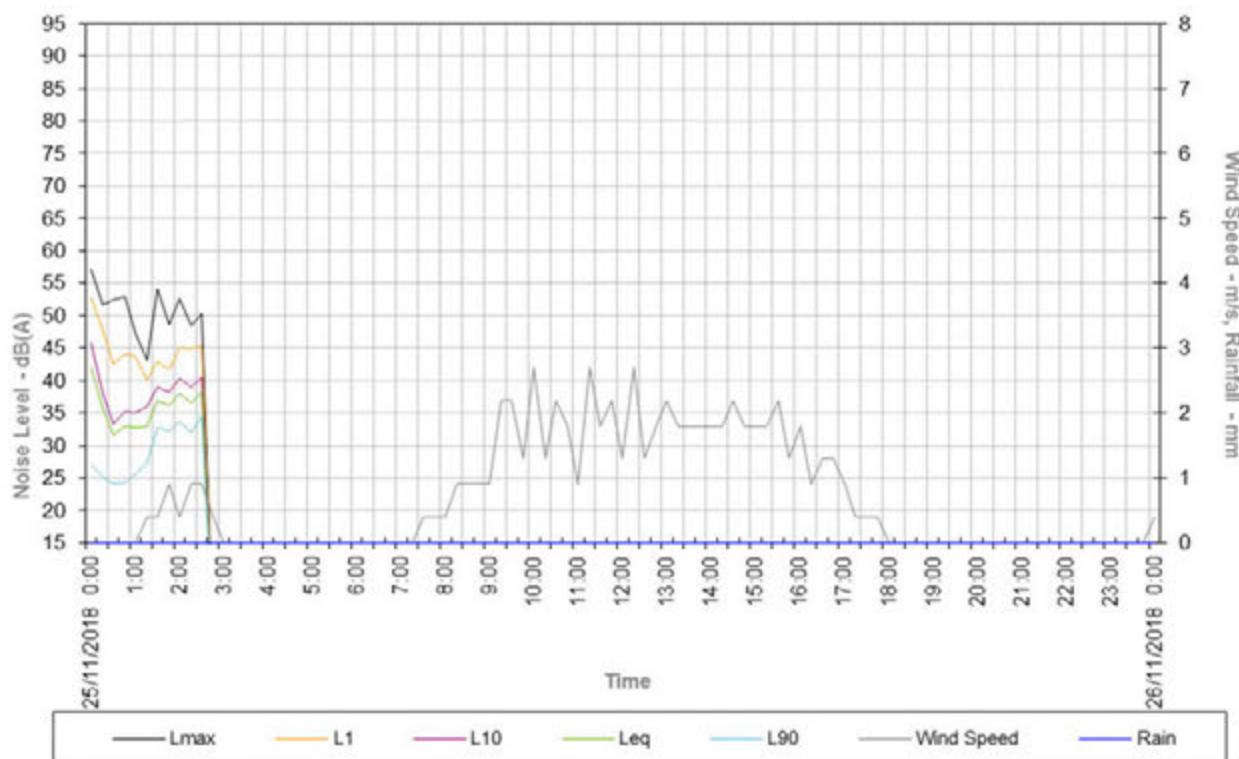
Site Noise and Weather Graphical Analysis

30 Newcastle Street



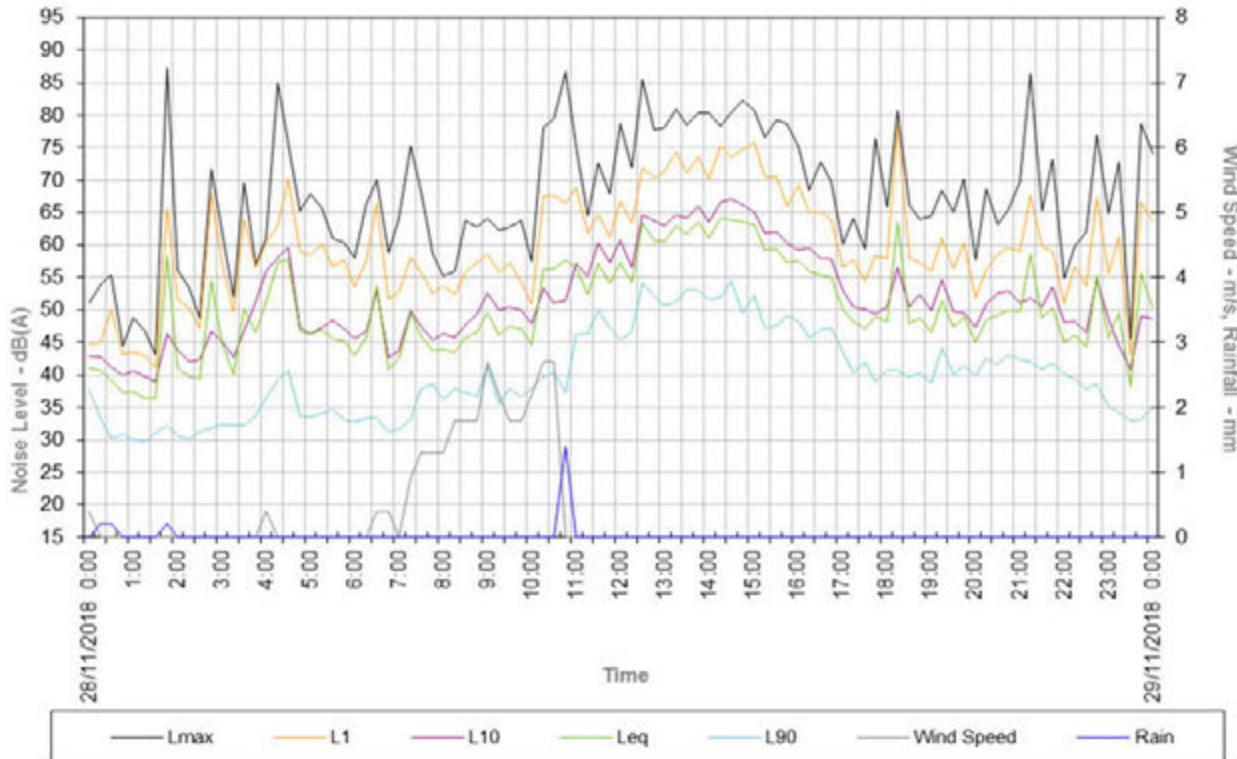
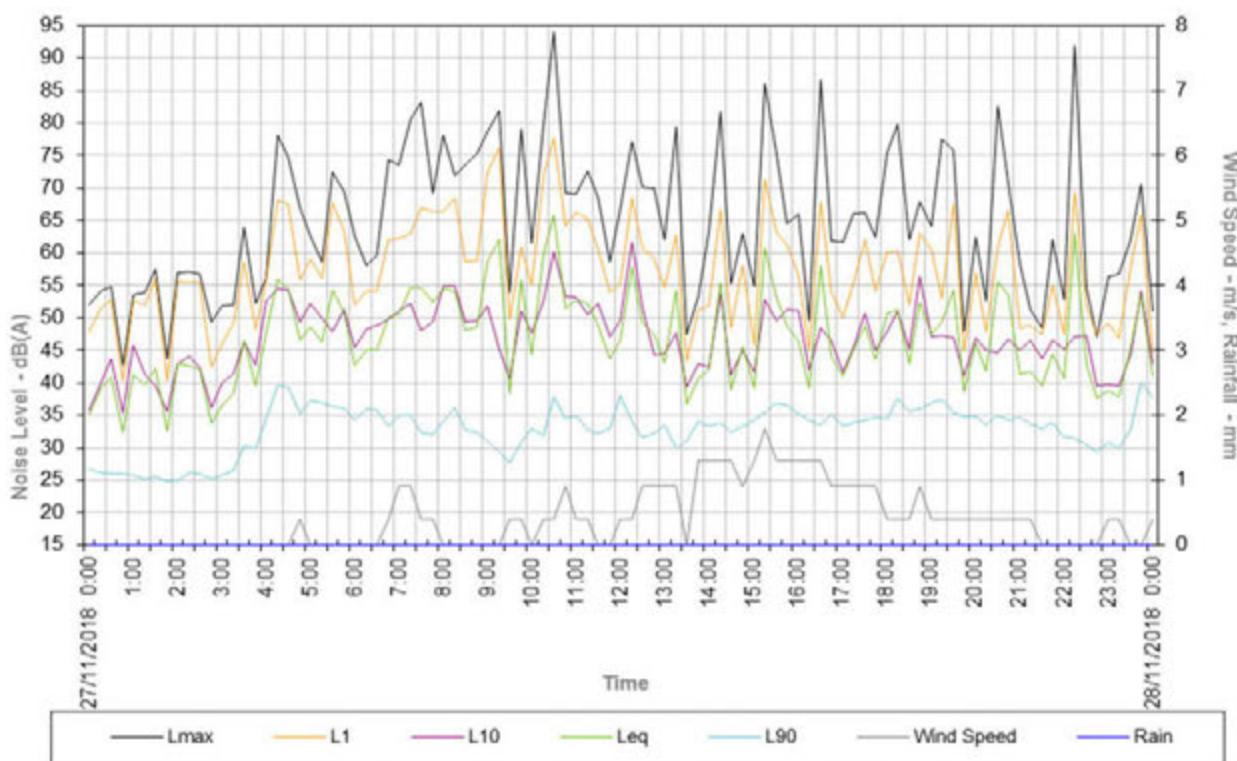
Site Noise and Weather Graphical Analysis

30 Newcastle Street



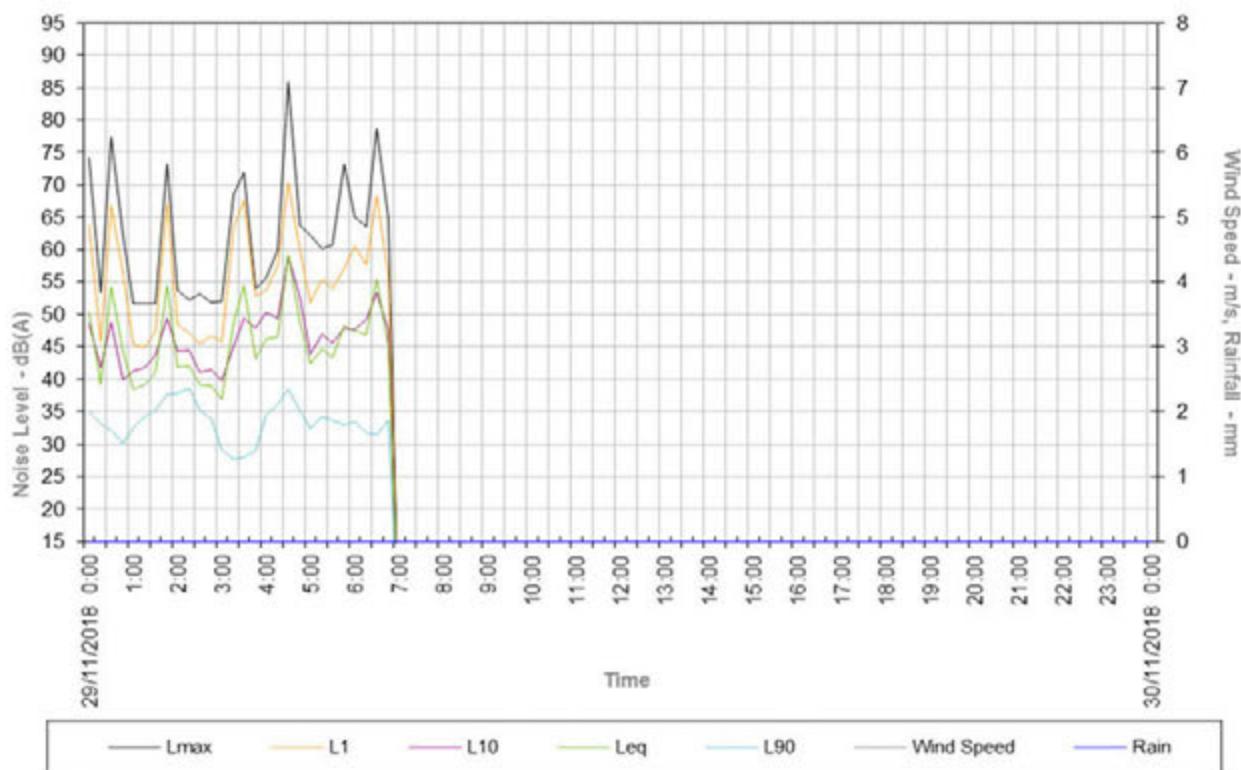
Site Noise and Weather Graphical Analysis

30 Newcastle Street



Site Noise and Weather Graphical Analysis

30 Newcastle Street



Logged Noise and Weather Data												
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max. Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	
19/11/2018 16:30	42	66	62	44	33	0.0	0.0	0.0	0	26	48	
19/11/2018 16:45	49	71	60	50	37	0.0	0.0	0.0	0	26	48	
19/11/2018 17:00	56	85	58	47	36	0.0	0.0	0.0	0	25	49	
19/11/2018 17:15	54	79	66	49	36	0.0	0.0	0.0	0	25	51	
19/11/2018 17:30	47	70	59	43	34	0.0	0.0	0.0	0	24	53	
19/11/2018 17:45	45	56	56	47	36	0.0	0.0	0.0	0	23	56	
19/11/2018 18:00	46	63	59	46	37	0.0	0.0	0.0	0	23	58	
19/11/2018 18:15	49	67	61	51	37	0.0	0.0	0.0	0	22	59	
19/11/2018 18:30	51	81	57	49	37	0.0	0.0	0.0	0	22	60	
19/11/2018 18:45	48	67	60	49	37	0.0	0.0	0.0	0	21	60	
19/11/2018 19:00	46	58	52	49	36	0.0	0.0	0.0	0	21	60	
19/11/2018 19:15	52	70	65	53	37	0.0	0.0	0.0	0	21	62	
19/11/2018 19:30	62	91	63	54	40	0.0	0.0	0.0	0	20	62	
19/11/2018 19:45	55	77	66	54	41	0.0	0.0	0.0	0	20	62	
19/11/2018 20:00	47	61	57	50	34	0.0	0.0	0.0	0	20	63	
19/11/2018 20:15	47	52	51	50	33	0.0	0.0	0.0	0	20	64	
19/11/2018 20:30	47	56	53	50	34	0.0	0.0	0.0	0	20	63	
19/11/2018 20:45	46	53	52	50	33	0.0	0.0	0.0	0	20	63	
19/11/2018 21:00	47	58	53	50	33	0.0	0.0	0.0	0	20	64	
19/11/2018 21:15	47	53	52	50	33	0.0	0.0	0.0	0	20	64	
19/11/2018 21:30	46	52	51	50	31	0.0	0.0	0.0	0	20	65	
19/11/2018 21:45	55	69	67	52	32	0.0	0.0	0.0	0	20	65	
19/11/2018 22:00	46	53	51	50	30	0.0	0.0	0.0	0	20	65	
19/11/2018 22:15	45	50	50	49	29	0.0	0.0	0.0	0	20	65	
19/11/2018 22:30	45	50	50	49	29	0.0	0.0	0.0	0	20	66	
19/11/2018 22:45	60	90	67	50	29	0.0	0.0	0.0	0	20	66	
19/11/2018 23:00	45	51	50	50	29	0.0	0.0	0.0	0	20	67	
19/11/2018 23:15	43	59	55	48	28	0.0	0.0	0.0	0	20	67	
19/11/2018 23:30	55	80	66	49	28	0.0	0.0	0.0	0	19	69	
19/11/2018 23:45	34	52	48	33	27	0.0	0.0	0.0	0	19	70	
20/11/2018 0:00	33	53	43	34	27	0.0	0.0	0.0	0	19	71	
20/11/2018 0:15	33	47	43	36	27	0.0	0.0	0.0	0	19	71	
20/11/2018 0:30	32	44	41	35	26	0.0	0.0	0.0	0	19	71	
20/11/2018 0:45	46	61	58	40	26	0.0	0.0	0.0	0	18	74	
20/11/2018 1:00	39	61	51	36	26	0.0	0.0	0.0	0	18	73	
20/11/2018 1:15	42	58	55	44	26	0.0	0.0	0.0	0	18	73	
20/11/2018 1:30	37	59	48	34	26	0.0	0.0	0.0	0	18	73	
20/11/2018 1:45	54	68	66	54	25	0.0	0.0	0.0	0	18	72	
20/11/2018 2:00	41	58	55	42	25	0.0	0.0	0.0	0	18	71	
20/11/2018 2:15	52	71	68	45	28	0.0	0.0	0.0	0	18	75	
20/11/2018 2:30	53	68	67	53	28	0.0	0.0	0.0	0	17	78	
20/11/2018 2:45	48	62	60	49	26	0.0	0.0	0.0	0	17	78	
20/11/2018 3:00	51	66	63	54	27	0.0	0.0	0.0	0	17	80	
20/11/2018 3:15	49	66	61	51	26	0.0	0.0	0.0	0	16	81	
20/11/2018 3:30	49	66	61	52	27	0.0	0.0	0.0	0	16	82	
20/11/2018 3:45	55	72	69	56	31	0.0	0.0	0.0	0	16	84	
20/11/2018 4:00	49	63	60	53	36	0.0	0.0	0.0	0	15	85	
20/11/2018 4:15	49	61	59	52	42	0.0	0.0	0.0	0	15	85	
20/11/2018 4:30	56	72	68	58	40	0.0	0.0	0.0	0	15	86	
20/11/2018 4:45	54	78	65	54	36	0.0	0.0	0.0	0	15	88	
20/11/2018 5:00	46	63	58	49	34	0.0	0.0	0.0	0	15	89	
20/11/2018 5:15	48	66	60	49	35	0.0	0.0	0.0	0	15	89	
20/11/2018 5:30	48	66	59	50	36	0.0	0.0	0.0	0	16	89	
20/11/2018 5:45	48	75	68	48	36	0.0	0.0	0.0	0	16	87	
20/11/2018 6:00	46	61	68	50	35	0.0	0.0	0.0	0	17	86	
20/11/2018 6:15	47	63	68	50	37	0.0	0.0	0.0	0	18	81	
20/11/2018 6:30	50	65	63	53	35	0.0	0.0	0.0	0	18	82	
20/11/2018 6:45	45	65	56	48	32	0.0	0.0	0.0	0	19	74	
20/11/2018 7:00	44	65	55	46	33	0.0	0.0	0.0	0	21	67	
20/11/2018 7:15	45	65	55	48	33	0.0	0.0	0.0	0	21	67	
20/11/2018 7:30	50	74	56	49	32	0.0	0.0	0.0	0	22	64	
20/11/2018 7:45	44	64	56	45	32	0.0	0.0	0.0	0	23	60	
20/11/2018 8:00	45	63	55	49	35	0.0	0.0	0.0	0	24	59	
20/11/2018 8:15	45	65	55	48	34	0.0	0.0	0.0	0	24	58	
20/11/2018 8:30	47	73	52	44	33	0.0	0.0	0.0	0	25	55	
20/11/2018 8:45	44	60	55	47	33	0.0	0.0	0.0	0	24	56	
20/11/2018 9:00	59	85	69	52	36	0.0	0.0	0.0	0	25	65	
20/11/2018 9:15	50	72	61	49	34	0.0	0.0	0.0	0	26	51	
20/11/2018 9:30	44	68	53	45	35	0.0	0.0	0.0	0	26	50	
20/11/2018 9:45	39	63	48	40	31	0.0	0.0	0.0	0	26	51	
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max. Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	
20/11/2018 10:00	53	73	67	49	31	0.0	0.0	0.0	0	27	49	
20/11/2018 10:15	43	56	54	47	30	0.0	0.0	0.0	0	27	47	
20/11/2018 10:30	44	56	55	47	33	0.0	0.0	0.0	0	27	49	
20/11/2018 10:45	43	59	53	47	34	0.0	0.0	0.0	0	28	49	
20/11/2018 11:00	55	84	59	50	32	0.0	0.0	0.0	0	28	46	
20/11/2018 11:15	41	59	53	43	33	0.0	0.0	0.0	0	27	48	
20/11/2018 11:30	43	61	54	46	32	0.0	0.0	0.0	0	28	46	
20/11/2018 11:45	43	58	54	46	32	0.0	0.0	0.0	0	29	43	
20/11/2018 12:00	44	68	56	44	32	0.0	0.0	0.0	0	29	46	
20/11/2018 12:15	38	57	48	40	30	0.0	0.0	0.0	0	29	45	
20/11/2018 12:30	53	75	65	47	33	0.0	0.0	0.0	0	29	45	
20/11/2018 12:45	44	59	57	47	32	0.0	0.0	0.0	0	28	45	
20/11/2018 13:00	39	58	60	40	32	0.0	0.0	0.0	0	30	43	
20/11/2018 13:15	41	58	60	43	31	0.0	0.0	0.0	0	30	43	
20/11/2018 13:30	43	60	59	43	31	0.0	0.0	0.0	0	30	43	
20/11/2018 13:45	41	63	60	43	34	0.0	0.0	0.0	0	30	42	
20/11/2018 14:00	45	65	65	45	34	0.0	0.0	0.0	0	30	42	
20/11/2018 14:15	42	66	52	43	33	0.0	0.0	0.0	0	28	49	
20/11/2018 14:30	39	64	47	39	32	0.0	0.0	0.0	0	28	50	
20/11/2018 14:45	40	64	56	48	37	0.0	0.0	0.0	0	28	50	
20/11/2018 15:00	43	62	59	49	36	0.0	0.0	0.0	0	28	49	
20/11/2018 15:15	48	74	71	57	49	34	0.0	0.0	0.0	0	27	53
20/11/2018 15:30	55	84	62	49	33	0.0	0.0	0.0	0	26	55	
20/11/2018 15:45	49	75	59	48	32	0.0	0.0	0.0	0	26	55	
20/11/2018 16:00	47	63	60	49	36	0.0	0.0	0.0	0	25	56	
20/11/2018 16:15	46	64	57	51	36	0.0	0.0	0.0	0	22	64	
20/11/2018 16:30	47	68	61	50	36	0.0	0.0	0.0	0	22	66	
20/11/2018 16:45	50	68	66	58	36	0.0	0.0	0.0	0	22	66	
20/11/2018 17:00	45	64	55	46	35	0.0	0.0	0.0	0	23	63	
20/11/2018 17:15	48	63	58	49	36	0.0	0.0	0.0	0	23	63	
20/11/2018 17:30	48	63	59	49	36	0.0	0.0	0.0	0	22	64	
20/11/2018 17:45	45</											

Logged Noise and Weather Data														
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (hPa)	
21/11/2018 3:30	54	70	66	57	29	0.0	0.0	0.0	0	17	66	751		
21/11/2018 3:45	49	65	61	53	31	0.0	0.0	0.0	0	17	66	751		
21/11/2018 4:00	56	76	68	57	39	0.0	0.0	0.0	0	16	88	750		
21/11/2018 4:15	47	57	54	50	41	0.0	0.0	0.0	0	16	89	751		
21/11/2018 4:30	52	70	63	56	39	0.0	0.0	0.0	0	16	89	751		
21/11/2018 4:45	55	71	67	58	38	0.0	0.0	0.0	0	16	90	751		
21/11/2018 5:00	49	73	60	51	35	0.0	0.0	0.0	0	16	90	751		
21/11/2018 5:15	45	63	56	46	37	0.0	0.0	0.0	0	16	90	751		
21/11/2018 5:30	56	84	66	53	37	0.0	0.0	0.0	0	17	88	751		
21/11/2018 5:45	47	67	58	50	37	0.0	0.0	0.0	0	18	88	751		
21/11/2018 6:00	46	67	57	49	38	0.0	0.0	0.0	0	20	82	751		
21/11/2018 6:15	51	73	63	51	35	0.0	0.4	2.2	293	21	77	752		
21/11/2018 6:30	47	69	58	49	35	0.0	0.0	2.2	293	22	72	752		
21/11/2018 6:45	50	79	57	46	35	0.0	0.0	0.0	0	23	70	751		
21/11/2018 7:00	46	65	57	48	36	0.0	0.0	0.0	0	23	68	751		
21/11/2018 7:15	48	67	59	50	38	0.0	0.0	0.0	0	24	67	752		
21/11/2018 7:30	49	63	58	53	39	0.0	0.0	0.0	0	24	64	751		
21/11/2018 7:45	51	77	57	52	41	0.0	0.0	0.0	0	25	63	752		
21/11/2018 8:00	44	63	52	45	36	0.0	0.0	0.0	0	25	62	752		
21/11/2018 8:15	59	85	62	49	38	0.0	0.0	0.0	0	26	59	751		
21/11/2018 8:30	46	61	55	49	39	0.0	0.0	0.0	0	26	58	752		
21/11/2018 8:45	44	60	53	47	38	0.0	0.0	0.0	0	27	58	751		
21/11/2018 9:00	50	70	63	50	37	0.0	0.0	0.4	293	28	55	751		
21/11/2018 9:15	51	69	65	48	37	0.0	0.0	0.0	0	28	54	751		
21/11/2018 9:30	47	65	59	50	37	0.0	0.0	0.0	0	29	53	751		
21/11/2018 9:45	59	87	59	49	39	0.0	0.0	0.0	0	29	50	751		
21/11/2018 10:00	58	85	69	55	38	0.0	0.4	5.8	315	29	49	751		
21/11/2018 10:15	40	57	49	43	33	0.0	2.2	5.8	315	30	47	750		
21/11/2018 10:30	42	59	52	44	33	0.0	2.2	5.8	315	31	47	750		
21/11/2018 10:45	54	78	67	51	37	0.0	2.2	5.4	315	31	46	750		
21/11/2018 11:00	43	63	53	45	34	0.0	2.2	6.7	315	31	46	750		
21/11/2018 11:15	58	82	70	57	38	0.0	2.2	5.4	293	32	45	749		
21/11/2018 11:30	45	59	56	48	37	0.0	2.2	4.8	315	32	43	749		
21/11/2018 11:45	45	55	52	48	38	0.0	2.7	5.8	315	32	44	749		
21/11/2018 12:00	47	62	55	50	39	0.0	2.7	5.4	315	33	43	748		
21/11/2018 12:15	44	55	51	47	38	0.0	3.1	5.8	315	34	42	748		
21/11/2018 12:30	46	58	53	49	40	0.0	2.7	8.5	315	33	42	748		
21/11/2018 12:45	46	62	53	48	38	0.0	2.7	8.4	315	34	42	748		
21/11/2018 13:00	62	71	64	54	37	0.0	2.7	7.2	315	34	41	747		
21/11/2018 13:15	48	62	56	51	40	0.0	2.2	6.3	315	35	40	747		
21/11/2018 13:30	49	65	58	52	42	0.0	3.1	6.7	315	34	41	747		
21/11/2018 13:45	48	67	56	51	42	0.0	2.7	6.3	315	34	40	747		
21/11/2018 14:00	46	62	56	51	41	0.0	2.7	7.2	293	34	42	747		
21/11/2018 14:15	59	76	72	55	43	0.0	2.7	5.4	315	34	41	747		
21/11/2018 14:30	45	59	53	48	40	0.0	2.7	6.7	315	34	41	746		
21/11/2018 14:45	49	64	57	52	41	0.0	2.2	7.2	293	33	42	746		
21/11/2018 15:00	45	59	53	48	38	0.0	2.2	4.5	293	33	43	746		
21/11/2018 15:15	43	65	52	45	35	0.0	2.7	7.6	270	33	42	746		
21/11/2018 15:30	74	90	89	61	35	0.0	1.8	5.4	270	33	43	746		
21/11/2018 15:45	48	63	58	52	37	0.0	0.9	3.1	270	33	43	747		
21/11/2018 16:00	49	68	68	50	36	0.0	1.3	4.6	270	32	44	746		
21/11/2018 16:15	49	69	60	52	37	0.0	2.7	6.3	270	32	50	747		
21/11/2018 16:30	43	59	55	45	33	0.4	1.8	8.0	270	27	69	747		
21/11/2018 16:45	42	58	53	45	32	0.2	0.4	2.7	270	26	72	747		
21/11/2018 17:00	49	72	59	49	34	0.0	0.4	1.3	270	27	67	747		
21/11/2018 17:15	61	92	65	55	33	0.0	0.4	1.3	270	28	66	747		
21/11/2018 17:30	43	62	55	45	31	0.0	0.0	0.4	270	27	72	747		
21/11/2018 17:45	51	71	63	53	33	0.0	0.0	0.4	270	27	71	747		
21/11/2018 18:00	54	72	67	56	34	0.0	0.0	0.0	0	27	72	747		
21/11/2018 18:15	55	80	61	52	42	0.0	0.0	0.0	0	27	78	747		
21/11/2018 18:30	70	92	82	53	37	0.0	0.9	3.1	248	28	63	748		
21/11/2018 18:45	47	68	59	46	35	0.0	1.8	4.9	270	28	62	748		
21/11/2018 19:00	45	66	62	47	36	0.0	1.3	4.5	270	27	65	748		
21/11/2018 19:15	43	49	48	47	35	0.0	0.9	2.2	270	27	65	748		
21/11/2018 19:30	43	50	48	47	35	0.0	0.4	1.3	270	27	66	749		
21/11/2018 19:45	46	56	52	50	40	0.0	0.9	3.1	270	27	66	749		
21/11/2018 20:00	49	64	58	51	36	0.0	1.3	4.5	270	26	68	749		
21/11/2018 20:15	45	51	50	49	36	0.0	0.4	1.8	270	25	74	749		
21/11/2018 20:30	44	56	50	47	36	0.0	0.9	2.2	270	25	76	749		
21/11/2018 20:45	55	70	68	53	39	0.0	0.9	2.2	270	25	76	749		
21/11/2018 21:00	59	85	65	47	36	0.0	0.0	0.4	22	270	25	76	749	
21/11/2018 21:15	44	64	50	46	33	0.0	0.0	0.0	0	270	25	78	749	
21/11/2018 21:30	53	70	67	54	40	0.0	0.0	0.0	0	24	81	749		
21/11/2018 21:45	45	56	53	50	39	0.2	0.0	0.4	270	24	82	749		
21/11/2018 22:00	43	55	49	47	34	0.6	0.0	0.4	270	23	86	750		
21/11/2018 22:15	44	65	53	47	34	0.2	0.4	0.9	270	23	90	749		
21/11/2018 22:30	41	61	50	44	32	0.0	0.0	1.3	270	23	90	749		
21/11/2018 22:45	40	50	48	44	30	0.0	0.0	0.4	270	22	91	749		
21/11/2018 23:00	36	49	46	39	31	0.0	0.0	0.9	270	22	91	749		
21/11/2018 23:15	37	63	49	40	30	0.0	0.4	1.3	270	22	90	749		
21/11/2018 23:30	42	60	54	46	31	0.0	0.4	1.3	270	22	90	749		
21/11/2018 23:45	39	50	49	44	31	0.2	0.4	1.3	270	23	89	748		
22/11/2018 0:00	35	50	46	35	31	0.0	0.9	1.8	270	23	89	748		
22/11/2018 0:15	60	89	67	57	31	0.0	0.9	1.8	270	23	89	748		
22/11/2018 0:30	55	73	68	43	30	0.0	0.9	2.2	293	23	89	747		
22/11/2018 0:45	46	61	59	48	32	0.0	0.9	2.2	293	23	89	747		
22/11/2018 0:00	55	62	54	34	30	0.0	1.3	3.1	293	23	88	747		
22/11/2018 0:15	45	57	55	42	30	0.0	1.3	3.1	293	24	84	747		
22/11/2018 0:30	45	58	54	36	30	0.0	1.3	3.1	293	24	84	747		
22/11/2018 0:45	48	71	69	46	35	0.0	1.3	3.1	293	24	83	747		
22/11/2018 0:00	54													

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (hPa)
22/11/2018 14:30	49	68	58	51	41	39	0.0	2.7	6.7	270	29	52	746
22/11/2018 14:45	46	64	54	49	39	35	0.0	2.7	5.8	270	29	51	746
22/11/2018 15:00	41	55	50	45	35	30	0.0	2.2	4.9	270	29	51	746
22/11/2018 15:15	49	74	55	48	35	30	0.0	2.7	8.9	270	29	51	745
22/11/2018 15:30	51	70	64	51	41	36	0.0	2.2	5.4	270	29	50	745
22/11/2018 15:45	43	68	49	45	36	30	0.0	1.8	4.9	270	29	49	745
22/11/2018 16:00	47	61	56	50	36	30	0.0	2.2	7.2	270	30	49	745
22/11/2018 16:15	46	61	56	49	37	30	0.0	2.7	6.3	270	30	47	745
22/11/2018 16:30	57	85	67	55	37	30	0.0	2.2	6.3	270	30	46	745
22/11/2018 16:45	47	62	56	51	39	30	0.0	2.2	6.3	270	30	44	745
22/11/2018 17:00	48	68	57	49	38	30	0.0	2.2	7.2	270	30	45	746
22/11/2018 17:15	46	64	57	49	38	30	0.0	2.7	7.6	270	29	44	746
22/11/2018 17:30	62	89	62	49	38	30	0.0	2.2	4.9	270	29	41	746
22/11/2018 17:45	65	90	73	57	39	30	0.0	1.8	4.9	270	29	44	746
22/11/2018 18:00	50	72	62	51	40	30	0.0	0.4	2.2	270	28	45	746
22/11/2018 18:15	54	73	68	54	40	30	0.0	0.9	2.2	270	27	45	746
22/11/2018 18:30	49	75	60	50	39	30	0.0	0.9	3.1	270	27	46	746
22/11/2018 18:45	51	72	58	50	42	30	0.0	1.3	4.5	270	27	46	747
22/11/2018 19:00	67	89	77	48	41	30	0.0	0.9	2.7	270	26	48	747
22/11/2018 19:15	49	77	56	46	39	30	0.0	0.9	1.8	270	26	47	747
22/11/2018 19:30	76	92	91	58	38	30	0.0	0.4	1.3	270	25	48	747
22/11/2018 19:45	70	92	79	50	37	30	0.0	0.4	1.3	270	25	49	747
22/11/2018 20:00	48	69	59	49	36	30	0.0	0.4	1.3	270	25	49	748
22/11/2018 20:15	43	55	50	48	35	30	0.0	0.4	0.9	270	24	50	748
22/11/2018 20:30	50	72	63	50	36	30	0.0	0.0	1.3	270	24	51	748
22/11/2018 20:45	47	65	58	48	34	30	0.0	0.0	0.9	270	24	52	748
22/11/2018 21:00	47	59	53	50	34	30	0.0	0.0	1.3	270	24	51	748
22/11/2018 21:15	62	89	68	58	34	30	0.0	0.0	0.9	270	23	51	748
22/11/2018 21:30	44	58	49	48	32	30	0.0	0.0	0.4	270	23	52	748
22/11/2018 21:45	48	61	59	49	32	30	0.0	0.0	0.9	270	23	51	749
22/11/2018 22:00	44	57	50	48	31	30	0.0	0.0	0.4	270	23	51	748
22/11/2018 22:15	54	68	66	51	31	30	0.0	0.0	1.3	270	23	51	748
22/11/2018 22:30	44	59	54	48	31	30	0.0	0.4	1.3	270	23	51	749
22/11/2018 22:45	43	54	51	48	30	30	0.0	0.4	1.3	270	22	52	749
22/11/2018 23:00	39	49	47	44	29	30	0.0	0.4	1.3	270	22	53	749
22/11/2018 23:15	39	52	47	44	30	30	0.0	0.4	1.3	270	22	54	749
22/11/2018 23:30	55	71	69	45	29	30	0.0	0.0	0.9	270	21	54	749
22/11/2018 23:45	48	68	62	47	31	30	0.0	0.4	1.3	270	21	55	749
23/11/2018 0:00	37	51	44	42	30	30	0.0	0.4	0.9	270	21	55	749
23/11/2018 0:15	30	52	48	43	29	30	0.0	0.4	1.3	270	20	54	749
23/11/2018 0:30	50	68	65	51	28	30	0.0	0.4	1.3	270	20	51	749
23/11/2018 0:45	45	52	52	52	27	30	0.0	0.4	1.3	270	20	50	749
23/11/2018 1:00	45	55	53	51	27	30	0.0	0.4	1.3	270	20	48	748
23/11/2018 1:15	45	53	53	52	27	30	0.0	0.9	1.8	270	20	47	748
23/11/2018 1:30	45	54	53	52	28	30	0.0	0.9	1.8	270	20	47	748
23/11/2018 1:45	51	68	65	53	28	30	0.0	0.4	1.3	270	20	47	748
23/11/2018 2:00	57	82	69	54	27	30	0.0	0.9	2.2	270	20	48	748
23/11/2018 2:15	47	60	57	50	28	30	0.0	0.4	1.8	270	19	47	748
23/11/2018 2:30	45	59	56	48	27	30	0.0	0.4	1.3	270	19	46	748
23/11/2018 2:45	45	61	57	46	26	30	0.0	0.4	1.3	270	19	45	749
23/11/2018 3:00	46	61	57	49	27	30	0.0	0.4	1.3	270	18	43	748
23/11/2018 3:15	46	61	58	48	26	30	0.0	0.0	1.3	270	18	42	748
23/11/2018 3:30	49	63	60	54	27	30	0.0	0.0	0.9	270	18	41	748
23/11/2018 3:45	57	72	70	57	29	30	0.0	0.0	0.9	270	18	41	749
23/11/2018 4:00	56	75	68	56	33	30	0.0	0.0	0.4	270	17	44	749
23/11/2018 4:15	48	66	60	50	37	30	0.0	0.0	0.9	270	17	46	749
23/11/2018 4:30	54	79	63	50	35	30	0.0	0.0	0.9	248	16	49	749
23/11/2018 4:45	51	72	60	53	36	30	0.0	0.0	0.0	248	16	49	749
23/11/2018 5:00	47	74	56	48	34	30	0.0	0.0	0.0	248	16	54	749
23/11/2018 5:15	43	63	54	45	33	30	0.0	0.0	0.0	248	16	54	749
23/11/2018 5:30	43	59	54	45	35	30	0.0	0.0	0.0	248	16	61	749
23/11/2018 5:45	53	76	63	50	36	30	0.0	0.0	0.0	248	16	69	749
23/11/2018 6:00	53	78	66	50	36	30	0.0	0.0	0.0	248	16	47	749
23/11/2018 6:15	49	69	63	51	34	30	0.0	0.4	270	18	41	750	
23/11/2018 6:30	50	76	60	45	33	30	0.0	0.4	270	20	39	750	
23/11/2018 6:45	47	67	59	45	33	30	0.0	0.0	0.9	270	21	39	750
23/11/2018 7:00	41	58	50	43	36	30	0.0	0.4	2.2	270	21	35	750
23/11/2018 7:15	53	71	66	53	34	30	0.0	1.3	3.1	270	22	31	750
23/11/2018 7:30	47	67	57	50	38	30	0.0	1.8	3.6	270	22	30	750
23/11/2018 7:45	50	76	60	51	39	30	0.0	1.3	4.0	270	22	29	750
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (hPa)
23/11/2018 8:00	47	61	54	50	40	39	0.0	1.8	3.6	270	23	28	750
23/11/2018 8:15	45	65	56	46	34	39	0.0	1.8	4.5	270	24	27	750
23/11/2018 8:30	52	68	52	44	33	39	0.0	2.2	5.4	270	24	24	750
23/11/2018 8:45	52	69	61	54	44	39	0.0	2.7	5.8	270	24	24	750
23/11/2018 9:00	46	56	53	49	40	39	0.0	2.7	7.2	270	24	24	750
23/11/2018 9:15	49	68	58	52	40	39	0.0	2.2	7.6	270	25	24	750
23/11/2018 9:30	53	68	63	56	45	39	0.0	2.2	10.7	270	25	24	750
23/11/2018 9:45	49	59	56	52	41	39	0.0	3.1	8.0	270	26	23	749
23/11/2018 10:00	54	68	63	57	45	40	0.0	3.1	8.0	270	26	22	749
23/11/2018 10:15	51	72	60	51	40	39	0.0	3.1	8.0	270	26	22	749
23/11/2018 10:30	61	88	68	57	44	39	0.0	3.6	10.3	270	26	24	749
23/11/2018 10:45	58	79	69	57	48	39	0.0	3.6	9.4	270	26	22	749
23/11/2018 11:00	57	77	68	57	44	39	0.0	3.1	7.6	270	27	23	749
23/11/2018 11:15	54	77	62	55	43	39	0.0	2.7	9.4	270	27	22	749
23/11/2018 11:30	53	75	62	55	46	39	0.0	2.7	10.7	270	27	21	748
23/11/2018 11:45	54	74	68	57	46	39	0.0	3.1	8.9	270	27	24	748
23/11/2018 11:55	51	65	57	51	45	39	0.0	3.1	8.8	2			

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (hPa)
24/11/2018 1:30	36	48	44	38	30	0.0	0.0	0.0	0	21	31	747	
24/11/2018 1:45	33	46	43	35	28	0.0	0.0	0.0	0	21	32	746	
24/11/2018 2:00	33	48	44	36	26	0.0	0.0	0.0	0	21	32	747	
24/11/2018 2:15	33	47	43	35	26	0.0	0.0	0.0	0	21	32	747	
24/11/2018 2:30	35	51	46	39	27	0.0	0.0	0.0	0	21	31	747	
24/11/2018 2:45	36	49	46	40	27	0.0	0.0	0.0	0	21	31	747	
24/11/2018 3:00	37	55	48	38	29	0.0	0.0	0.0	0	21	31	747	
24/11/2018 3:15	36	50	46	39	28	0.0	0.0	0.0	0	21	29	747	
24/11/2018 3:30	38	50	48	42	27	0.0	0.0	0.0	0	21	29	747	
24/11/2018 3:45	40	51	49	44	29	0.0	0.0	0.0	0	21	31	747	
24/11/2018 4:00	43	54	52	47	30	0.0	0.0	0.0	0	20	32	747	
24/11/2018 4:15	47	59	57	51	35	0.0	0.0	0.0	0	20	33	748	
24/11/2018 4:30	49	70	59	53	33	0.0	0.0	0.0	0	19	34	748	
24/11/2018 4:45	49	72	60	50	32	0.0	0.0	0.0	0	19	34	748	
24/11/2018 5:00	47	62	57	51	35	0.0	0.9	2.7	270	19	34	748	
24/11/2018 5:15	42	56	53	45	32	0.0	0.4	1.8	270	19	34	749	
24/11/2018 5:30	47	70	59	50	32	0.0	0.0	0.0	0	18	38	749	
24/11/2018 5:45	50	78	59	48	31	0.0	0.0	0.9	270	19	43	749	
24/11/2018 6:00	44	63	55	47	31	0.0	0.9	4.0	270	20	38	748	
24/11/2018 6:15	40	57	51	44	30	0.0	1.3	4.5	248	21	31	748	
24/11/2018 6:30	43	57	53	47	30	0.0	1.3	5.4	248	22	30	748	
24/11/2018 6:45	58	78	69	49	35	0.0	1.3	5.8	248	22	29	749	
24/11/2018 7:00	45	54	52	47	40	0.0	0.4	6.7	248	22	30	749	
24/11/2018 7:15	49	73	56	50	42	0.0	0.4	4.9	270	23	29	749	
24/11/2018 7:30	46	58	53	49	40	0.0	0.4	5.4	248	23	29	749	
24/11/2018 7:45	49	59	55	52	44	0.0	0.0	1.8	248	23	28	749	
24/11/2018 8:00	50	64	58	52	44	0.0	0.4	4.9	248	23	28	749	
24/11/2018 8:15	50	77	55	52	42	0.0	0.9	6.3	248	23	29	749	
24/11/2018 8:30	48	58	55	51	43	0.0	2.2	7.6	248	23	29	749	
24/11/2018 8:45	49	65	58	52	42	0.0	1.3	6.3	248	24	29	749	
24/11/2018 9:00	50	65	59	53	40	0.0	0.9	6.7	248	24	27	749	
24/11/2018 9:15	58	79	70	56	39	0.0	2.2	8.9	270	24	27	749	
24/11/2018 9:30	52	66	61	55	45	0.0	1.8	6.7	270	25	27	749	
24/11/2018 9:45	47	61	56	51	41	0.0	1.8	7.2	270	25	28	749	
24/11/2018 10:00	50	65	60	52	41	0.0	2.2	7.2	270	25	24	749	
24/11/2018 10:15	52	70	61	54	41	0.0	2.2	9.8	270	25	24	748	
24/11/2018 10:30	51	67	61	53	39	0.0	2.2	8.5	270	26	25	748	
24/11/2018 10:45	47	61	56	50	40	0.0	1.8	7.6	270	26	24	748	
24/11/2018 11:00	48	60	66	51	40	0.0	1.8	8.5	270	26	23	748	
24/11/2018 11:15	53	70	62	57	42	0.0	2.2	8.0	270	26	24	748	
24/11/2018 11:30	52	67	60	56	44	0.0	2.2	7.2	270	27	21	748	
24/11/2018 11:45	51	62	59	54	43	0.0	2.7	8.9	270	27	21	747	
24/11/2018 12:00	50	63	57	54	44	0.0	3.1	9.4	270	28	20	747	
24/11/2018 12:15	53	75	62	55	45	0.0	2.7	9.4	270	28	19	747	
24/11/2018 12:30	53	68	63	55	45	0.0	2.7	9.4	270	28	20	747	
24/11/2018 12:45	51	71	62	54	41	0.0	2.7	9.8	270	28	19	747	
24/11/2018 13:00	50	72	58	52	40	0.0	2.7	8.5	270	29	18	747	
24/11/2018 13:15	47	59	54	50	41	0.0	2.7	10.3	270	29	19	747	
24/11/2018 13:30	49	63	59	52	42	0.0	2.2	8.9	270	29	19	747	
24/11/2018 13:45	51	66	60	53	42	0.0	2.7	9.4	248	29	20	746	
24/11/2018 14:00	50	62	57	54	40	0.0	3.1	10.3	248	29	19	746	
24/11/2018 14:15	56	78	66	56	45	0.0	2.7	9.8	248	29	19	746	
24/11/2018 14:30	53	73	65	54	43	0.0	3.6	9.4	248	29	20	746	
24/11/2018 14:45	53	75	63	55	44	0.0	3.1	11.2	270	29	21	746	
24/11/2018 15:00	49	65	61	51	42	0.0	2.2	8.0	248	29	21	746	
24/11/2018 15:15	50	64	58	53	44	0.0	2.7	10.3	248	29	20	745	
24/11/2018 15:30	48	66	59	50	41	0.0	2.7	11.2	270	29	21	746	
24/11/2018 15:45	51	66	61	54	45	0.0	2.2	9.4	248	29	21	746	
24/11/2018 16:00	51	68	61	53	42	0.0	1.8	7.6	270	29	21	746	
24/11/2018 16:15	49	70	57	51	40	0.0	2.2	8.0	248	28	21	746	
24/11/2018 16:30	48	62	58	51	39	0.0	2.2	9.8	248	28	22	746	
24/11/2018 16:45	44	60	53	47	37	0.0	1.3	7.2	248	28	22	746	
24/11/2018 17:00	82	106	82	76	41	0.0	1.3	6.7	270	28	22	746	
24/11/2018 17:15	52	79	60	52	40	0.0	1.3	7.2	270	28	22	746	
24/11/2018 17:30	51	78	60	48	39	0.0	0.0	6.3	270	28	22	746	
24/11/2018 17:45	46	62	54	49	39	0.0	0.0	0.0	0	28	23	746	
24/11/2018 18:00	50	75	60	50	36	0.0	0.0	0.0	0	27	24	747	
24/11/2018 18:15	57	77	68	58	42	0.0	0.0	0.0	0	26	25	747	
24/11/2018 18:30	49	69	62	50	36	0.0	0.0	0.0	0	25	28	747	
24/11/2018 18:45	45	58	57	49	32	0.0	0.0	0.0	0	23	30	747	
24/11/2018 19:00	47	73	57	44	38	0.0	0.0	0.4	2.2	248	23	61	748
24/11/2018 19:15	47	73	57	44	38	0.0	0.0	0.4	2.2	248	23	61	748

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (hPa)
26/11/2018 19:30	43	61	49	44	37	0.0	0.9	3.1	270	23	62	748	
26/11/2018 19:45	44	65	52	43	35	0.0	0.4	3.6	270	23	62	748	
26/11/2018 20:00	61	66	70	48	35	0.0	0.4	2.7	270	22	64	748	
26/11/2018 20:15	40	49	45	42	35	0.0	0.9	3.1	270	22	64	748	
26/11/2018 20:30	39	46	43	41	33	0.0	0.4	2.2	293	22	64	748	
26/11/2018 20:45	37	43	42	40	32	0.0	0.4	2.2	270	22	65	749	
26/11/2018 21:00	39	50	45	41	33	0.0	0.0	1.3	248	22	66	749	
26/11/2018 21:15	48	73	62	44	34	0.0	0.0	0.4	248	21	67	749	
26/11/2018 21:30	47	71	56	44	34	0.0	0.4	1.3	248	21	67	749	
26/11/2018 21:45	41	66	45	41	32	0.0	0.0	0.9	248	21	68	749	
26/11/2018 22:00	54	72	68	49	31	0.0	0.0	0.4	248	20	69	749	
26/11/2018 22:15	56	80	69	49	32	0.0	0.0	0.4	248	20	70	749	
26/11/2018 22:30	44	58	56	45	30	0.0	0.0	0.0	0	19	72	749	
26/11/2018 22:45	46	58	57	52	31	0.0	0.0	0.0	0	19	74	749	
26/11/2018 23:00	41	57	54	39	29	0.0	0.0	0.0	0	18	76	749	
26/11/2018 23:15	38	56	52	38	28	0.0	0.0	0.0	0	18	77	749	
26/11/2018 23:30	41	56	54	40	29	0.0	0.0	0.0	0	17	79	749	
26/11/2018 23:45	46	57	56	51	28	0.0	0.0	0.0	0	17	79	749	
27/11/2018 0:00	35	52	48	36	27	0.0	0.0	0.0	0	17	79	749	
27/11/2018 0:15	39	54	52	40	26	0.0	0.0	0.0	0	17	80	749	
27/11/2018 0:30	41	55	53	44	26	0.0	0.0	0.0	0	17	81	749	
27/11/2018 0:45	32	43	40	35	26	0.0	0.0	0.0	0	17	81	749	
27/11/2018 1:00	41	54	53	46	26	0.0	0.0	0.0	0	17	82	749	
27/11/2018 1:15	40	54	52	41	25	0.0	0.0	0.0	0	16	83	749	
27/11/2018 1:30	42	56	56	40	26	0.0	0.0	0.0	0	16	84	748	
27/11/2018 1:45	33	44	40	36	25	0.0	0.0	0.0	0	16	85	749	
27/11/2018 2:00	43	57	56	43	25	0.0	0.0	0.0	0	15	86	749	
27/11/2018 2:15	43	57	55	44	26	0.0	0.0	0.0	0	15	87	748	
27/11/2018 2:30	42	57	56	42	26	0.0	0.0	0.0	0	15	87	748	
27/11/2018 2:45	34	49	42	36	25	0.0	0.0	0.0	0	15	88	748	
27/11/2018 3:00	37	52	46	40	26	0.0	0.0	0.0	0	15	88	749	
27/11/2018 3:15	38	52	49	42	27	0.0	0.0	0.0	0	15	89	748	
27/11/2018 3:30	47	64	59	46	30	0.0	0.0	0.0	0	14	90	748	
27/11/2018 3:45	39	52	48	43	30	0.0	0.0	0.0	0	14	90	748	
27/11/2018 4:00	48	56	56	53	34	0.0	0.0	0.0	0	14	90	749	
27/11/2018 4:15	56	78	68	55	40	0.0	0.0	0.0	0	14	89	749	
27/11/2018 4:30	54	75	68	54	39	0.0	0.0	0.9	270	15	89	749	
27/11/2018 4:45	47	67	66	49	35	0.0	0.4	0.9	270	15	88	749	
27/11/2018 5:00	49	63	69	52	37	0.0	0.0	0.0	0	15	89	749	
27/11/2018 5:15	46	59	66	50	37	0.0	0.0	0.0	0	15	89	749	
27/11/2018 5:30	54	72	68	48	36	0.0	0.0	0.0	0	14	89	750	
27/11/2018 5:45	51	69	63	51	36	0.0	0.0	0.0	0	15	89	750	
27/11/2018 6:00	43	63	52	46	34	0.0	0.0	0.9	248	16	87	750	
27/11/2018 6:15	45	58	54	48	36	0.0	0.0	0.9	248	17	82	750	
27/11/2018 6:30	45	60	54	49	36	0.0	0.0	0.9	248	18	80	750	
27/11/2018 6:45	50	74	62	50	33	0.0	0.4	0.9	248	18	78	750	
27/11/2018 7:00	51	74	62	51	35	0.0	0.9	1.8	248	19	77	750	
27/11/2018 7:15	55	81	63	52	35	0.0	0.9	1.8	248	19	76	750	
27/11/2018 7:30	55	83	67	48	32	0.0	0.4	1.8	248	20	74	750	
27/11/2018 7:45	52	69	66	49	32	0.0	0.4	1.8	248	20	73	750	
27/11/2018 8:00	56	78	66	56	34	0.0	0.0	1.3	248	21	71	750	
27/11/2018 8:15	54	72	68	55	36	0.0	0.0	0.9	248	22	69	750	
27/11/2018 8:30	48	73	59	49	33	0.0	0.0	0.4	270	22	67	750	
27/11/2018 8:45	49	75	59	50	32	0.0	0.0	0.4	270	22	66	750	
27/11/2018 9:00	59	79	73	52	31	0.0	0.0	0.9	270	22	67	750	
27/11/2018 9:15	62	82	76	45	29	0.0	0.0	0.4	270	23	67	750	
27/11/2018 9:30	38	54	50	41	28	0.0	0.4	1.3	293	24	63	750	
27/11/2018 9:45	56	79	61	51	31	0.0	0.4	1.3	270	24	64	750	
27/11/2018 10:00	44	62	55	48	33	0.0	0.0	0.0	0	25	63	750	
27/11/2018 10:15	60	80	72	53	32	0.0	0.4	2.2	293	25	61	750	
27/11/2018 10:30	66	94	78	60	38	0.0	0.4	1.8	293	25	63	750	
27/11/2018 10:45	51	69	64	53	34	0.0	0.9	3.6	293	25	64	750	
27/11/2018 11:00	63	69	66	53	35	0.0	0.4	1.8	293	26	64	750	
27/11/2018 11:15	62	73	66	51	33	0.0	0.4	0.9	293	26	64	750	
27/11/2018 11:30	49	69	61	52	32	0.0	0.0	1.3	270	26	62	749	
27/11/2018 11:45	44	59	54	47	33	0.0	0.0	1.3	270	26	63	749	
27/11/2018 12:00	46	67	55	50	36	0.0	0.4	2.2	293	25	63	749	
27/11/2018 12:15	58	77	69	62	34	0.0	0.4	2.2	293	26	62	749	
27/11/2018 12:30	49	70	61	52	32	0.0	0.9	3.1	293	27	59	749	
27/11/2018 12:45	47	70	59	44	32	0.0	0.9	3.1	293	28	59	749	
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (hPa)
27/11/2018 13:00	43	62	55	44	34	0.0	0.9	3.6	293	28	57	749	
27/11/2018 13:15	54	79	63	48	30	0.0	0.9	4.0	293	28	57	748	
27/11/2018 13:30	37	47	43	39	31	0.0	0.2	2.2	270	28	57	748	
27/11/2018 13:45	41	53	51	43	34	0.0	1.3	3.6	293	28	59	748	
27/11/2018 14:00	42	63	52	42	33	0.0	1.3	2.7	293	29	55	748	
27/11/2018 14:15	56	82	67	54	34	0.0	1.3	4.9	293	29	55	747	
27/11/2018 14:30	39	55	48	41	32	0.0	1.3	4.0	293	29	53	747	
27/11/2018 14:45	46	63	58	45	33	0.0	0.9	3.1	293	29	53	747	
27/11/2018 15:00	39	55	48	42	34	0.0	1.3	3.6	293	29	53	747	
27/11/2018 15:15	61	86	71	53	35	0.0	1.8	3.6	293	29	51	747	
27/11/2018 15:30	53	75	63	50	37	0.0	1.3	3.1	293	30	51	747	
27/11/2018 15:45	49	65	61	51	37	0.0	1.3	4.0	293	30	51	746	
27/11/2018 16:00	46	65	57	51	35	0.0	1.3	4.9	293	30	51	746	
27/11/2018 16:15	39	49	45	42	34	0.0	1.3	3.6	293	30	52	746	
27/11/2018 16:30	58	87	68	49	34	0.0	1.3	3.6	293	30	50	746	
27/11/2018 16:45	44	62	54	47	33	0.0	0.9	2.7	270	30	50	746	
27/11/2018 17:00	41	62	50	42	33	0.0	0.4	2.2	270	26	70	746	
27/11/2018 17:15	45	65	55	46	34	0.0	0.9	3.1	270	26	75	746	
27/11/2018 17:30	49	66	62	51	34	0.0	0.9	4.0	270	26	80	746	
27/11/2018 17:45	43	63	54										

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (hPa)
28/11/2018 6:00	43	58	54	46	33	0.0	0.0	0.4	270	22	90	746	
28/11/2018 6:15	46	66	58	47	33	0.0	0.0	0.4	270	23	86	746	
28/11/2018 6:30	54	70	66	53	33	0.0	0.4	1.3	248	23	84	746	
28/11/2018 6:45	41	59	52	43	31	0.0	0.4	1.3	248	24	83	745	
28/11/2018 7:00	43	64	53	44	32	0.0	0.0	1.3	270	25	78	745	
28/11/2018 7:15	50	75	58	50	33	0.0	0.9	2.7	293	26	76	745	
28/11/2018 7:30	46	68	56	48	38	0.0	1.3	3.1	293	26	75	745	
28/11/2018 7:45	44	59	53	46	39	0.0	1.3	3.1	270	26	74	745	
28/11/2018 8:00	44	55	54	46	36	0.0	1.3	3.6	270	27	73	745	
28/11/2018 8:15	44	56	52	46	38	0.0	1.8	4.0	315	28	70	745	
28/11/2018 8:30	46	64	56	48	37	0.0	1.8	4.0	293	28	70	745	
28/11/2018 8:45	47	63	57	49	37	0.0	1.8	4.0	293	28	68	744	
28/11/2018 9:00	50	64	59	53	41	0.0	2.7	5.8	315	29	66	744	
28/11/2018 9:15	46	62	56	50	36	0.0	2.2	4.5	293	30	64	744	
28/11/2018 9:30	47	63	57	51	38	0.0	1.8	4.0	293	30	63	744	
28/11/2018 9:45	47	64	54	50	37	0.0	1.8	4.5	293	31	59	744	
28/11/2018 10:00	45	58	51	48	38	0.0	2.2	6.3	315	32	58	744	
28/11/2018 10:15	56	78	68	53	40	0.0	2.7	7.2	293	33	52	743	
28/11/2018 10:30	56	79	68	51	40	0.0	2.7	7.2	315	33	52	743	
28/11/2018 10:45	58	87	66	52	37	1.4	0.0	4.5	135	36	47	742	
28/11/2018 11:00	57	75	69	57	46	0.0	0.0	0.0	0	37	45	742	
28/11/2018 11:15	52	66	62	56	46	0.0	0.0	0.0	0	38	41	743	
28/11/2018 11:30	57	73	65	60	50	0.0	0.0	0.0	0	39	39	741	
28/11/2018 11:45	54	68	61	57	47	0.0	0.0	0.0	0	39	40	740	
28/11/2018 12:00	57	79	67	61	45	0.0	0.0	0.0	0	39	40	740	
28/11/2018 12:15	54	72	63	57	47	0.0	0.0	0.0	0	39	41	740	
28/11/2018 12:30	63	85	72	65	54	0.0	0.0	0.0	0	39	41	740	
28/11/2018 12:45	61	78	70	64	52	0.0	0.0	0.0	0	39	42	740	
28/11/2018 13:00	61	78	71	63	51	0.0	0.0	0.0	0	40	41	740	
28/11/2018 13:15	63	81	74	65	51	0.0	0.0	0.0	0	41	41	740	
28/11/2018 13:30	62	78	71	64	53	0.0	0.0	0.0	0	41	38	740	
28/11/2018 13:45	64	80	74	66	53	0.0	0.0	0.0	0	42	37	743	
28/11/2018 14:00	61	80	70	64	52	0.0	0.0	0.0	0	42	36	743	
28/11/2018 14:15	64	78	75	67	52	0.0	0.0	0.0	0	41	32	742	
28/11/2018 14:30	64	80	74	67	54	0.0	0.0	0.0	0	41	33	740	
28/11/2018 14:45	64	82	75	66	50	0.0	0.0	0.0	0	40	34	740	
28/11/2018 15:00	63	81	76	65	52	0.0	0.0	0.0	0	40	35	740	
28/11/2018 15:15	59	77	71	62	47	0.0	0.0	0.0	0	40	35	740	
28/11/2018 15:30	59	79	71	62	48	0.0	0.0	0.0	0	40	35	740	
28/11/2018 15:45	57	79	66	60	40	0.0	0.0	0.0	0	41	35	740	
28/11/2018 16:00	57	75	69	59	48	0.0	0.0	0.0	0	41	36	740	
28/11/2018 16:15	56	68	65	60	46	0.0	0.0	0.0	0	41	35	740	
28/11/2018 16:30	55	73	65	58	47	0.0	0.0	0.0	0	40	35	740	
28/11/2018 16:45	55	70	64	58	47	0.0	0.0	0.0	0	40	36	741	
28/11/2018 17:00	50	60	57	53	44	0.0	0.0	0.0	0	40	35	741	
28/11/2018 17:15	48	64	58	51	40	0.0	0.0	0.0	0	40	31	739	
28/11/2018 17:30	47	59	55	50	42	0.0	0.0	0.0	0	40	30	740	
28/11/2018 17:45	49	76	58	49	39	0.0	0.0	0.0	0	39	30	740	
28/11/2018 18:00	48	66	58	51	41	0.0	0.0	0.0	0	38	31	740	
28/11/2018 18:15	64	81	79	57	41	0.0	0.0	0.0	0	37	32	740	
28/11/2018 18:30	48	66	58	51	40	0.0	0.0	0.0	0	36	33	741	
28/11/2018 18:45	49	64	57	52	40	0.0	0.0	0.0	0	35	33	741	
28/11/2018 19:00	47	64	56	50	39	0.0	0.0	0.0	0	35	34	741	
28/11/2018 19:15	52	68	61	55	44	0.0	0.0	0.0	0	35	34	741	
28/11/2018 19:30	47	65	56	50	40	0.0	0.0	0.0	0	34	34	741	
28/11/2018 19:45	49	70	60	50	42	0.0	0.0	0.0	0	34	34	741	
28/11/2018 20:00	45	58	52	47	40	0.0	0.0	0.0	0	33	34	742	
28/11/2018 20:15	48	69	56	51	43	0.0	0.0	0.0	0	33	34	741	
28/11/2018 20:30	49	63	59	53	42	0.0	0.0	0.0	0	32	34	742	
28/11/2018 20:45	50	65	60	53	43	0.0	0.0	0.0	0	32	35	742	
28/11/2018 21:00	50	70	59	51	42	0.0	0.0	0.0	0	32	35	742	
28/11/2018 21:15	59	86	68	52	42	0.0	0.0	0.0	0	31	35	743	
28/11/2018 21:30	49	65	60	51	41	0.0	0.0	0.0	0	31	35	743	
28/11/2018 21:45	50	73	59	54	42	0.0	0.0	0.0	0	31	36	743	
28/11/2018 22:00	45	55	51	48	40	0.0	0.0	0.0	0	30	36	743	
28/11/2018 22:15	46	60	57	48	39	0.0	0.0	0.0	0	30	36	743	
28/11/2018 22:30	44	62	54	47	36	0.0	0.0	0.0	0	30	36	743	
28/11/2018 22:45	55	77	67	55	39	0.0	0.0	0.0	0	30	36	743	
28/11/2018 23:00	46	65	56	49	35	0.0	0.0	0.0	0	30	36	743	
28/11/2018 23:15	50	73	61	45	34	0.0	0.0	0.0	0	29	36	743	

SITE ID

Noise Monitoring Data Sheet

Inland Rail

C2K_02

From	Monday 19/11/2018 12:15	Meas. Type	Free Field	Package	Calvert to Kaguru
To	Wednesday 28/11/2018 10:00	Mic. Height (m)	1.8	Address	84 Paynes Road
Instrument Type	01 dB DUO	Weather Station	Yes	Suburb	Ebenezer
Instrument Serial #	12602	Operator	BR	Land Use	Residential
Inst. Cal. Date	16/05/2017	Sample Int.	15 min	Latitude	27°41'24.20"S
Pre Calibration	94	RP Lot#	32/RP123059	Longitude	152°36'49.92"E
Post Calibration	94				

Daytime

RBL **32.6 dB(A)**

Evening

RBL **31.1 dB(A)**

Night

RBL **22.6 dB(A)**

ABLs Day (Mon-Fri 7am - 6 pm)

ABLs Evening (Mon-Fri 6 pm - 10 pm)

ABLs Night (Mon - Thu, Sat - Sun 6pm - 7am)

ABLs Day (Sat 8 am - 1 pm)

ABLs Evening (Sat 1 pm - 10 pm)

ABLs Night (Fri 6pm - 8am)

ABLs Evening (Sun 7 am - 10 pm)

Monday 19/11/2018 **29.2** dB(A)Monday 19/11/2018 **33.9** dB(A)Monday 19/11/2018 **22.6** dB(A)Tuesday 20/11/2018 **27.5** dB(A)Tuesday 20/11/2018 **31.1** dB(A)Tuesday 20/11/2018 **23** dB(A)Wednesday 21/11/2018 **32.6** dB(A)Wednesday 21/11/2018 **30.2** dB(A)Wednesday 21/11/2018 **30** dB(A)Thursday 22/11/2018 **35.4** dB(A)Thursday 22/11/2018 **35.4** dB(A)Thursday 22/11/2018 **21.6** dB(A)Friday 23/11/2018 **37.9** dB(A)Friday 23/11/2018 **29.6** dB(A)Friday 23/11/2018 **23.4** dB(A)Saturday 24/11/2018 **38.6** dB(A)Saturday 24/11/2018 **25.5** dB(A)Saturday 24/11/2018 **<21.1** dB(A)Sunday 25/11/2018 **27.4** dB(A)Sunday 25/11/2018 **21.8** dB(A)Monday 26/11/2018 **27.2** dB(A)Monday 26/11/2018 **34.1** dB(A)Monday 26/11/2018 **22.5** dB(A)Tuesday 27/11/2018 **29.1** dB(A)Tuesday 27/11/2018 **35.8** dB(A)Tuesday 27/11/2018 **30.1** dB(A)Wednesday 28/11/2018 **33.4** dB(A)

Site Diagram - Diagram



Inland Rail

Project:60553814

IMAGERY DATE: 01/12/2018 | 27°41'24.40"S | 152°36'50.29"E | ELEV: 77 m | ASL: 177 m

Future Freight
 Integrating Community, Environment and Engineering

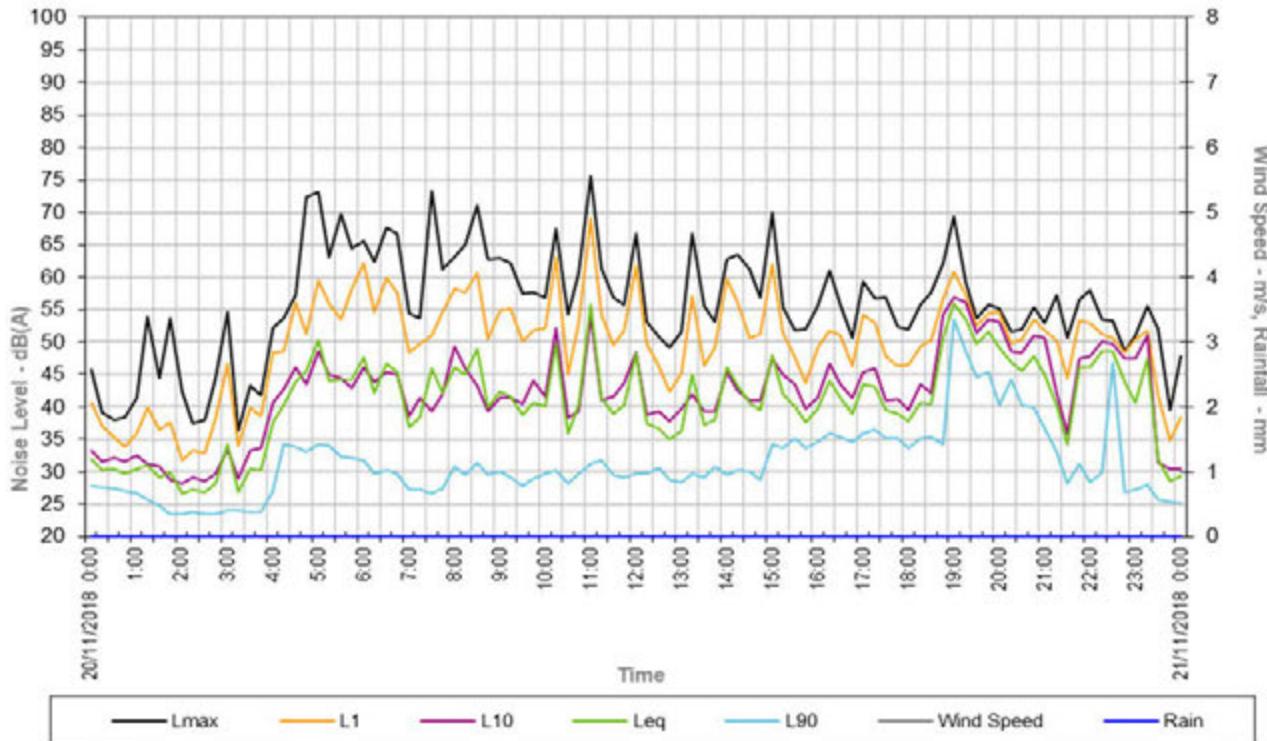
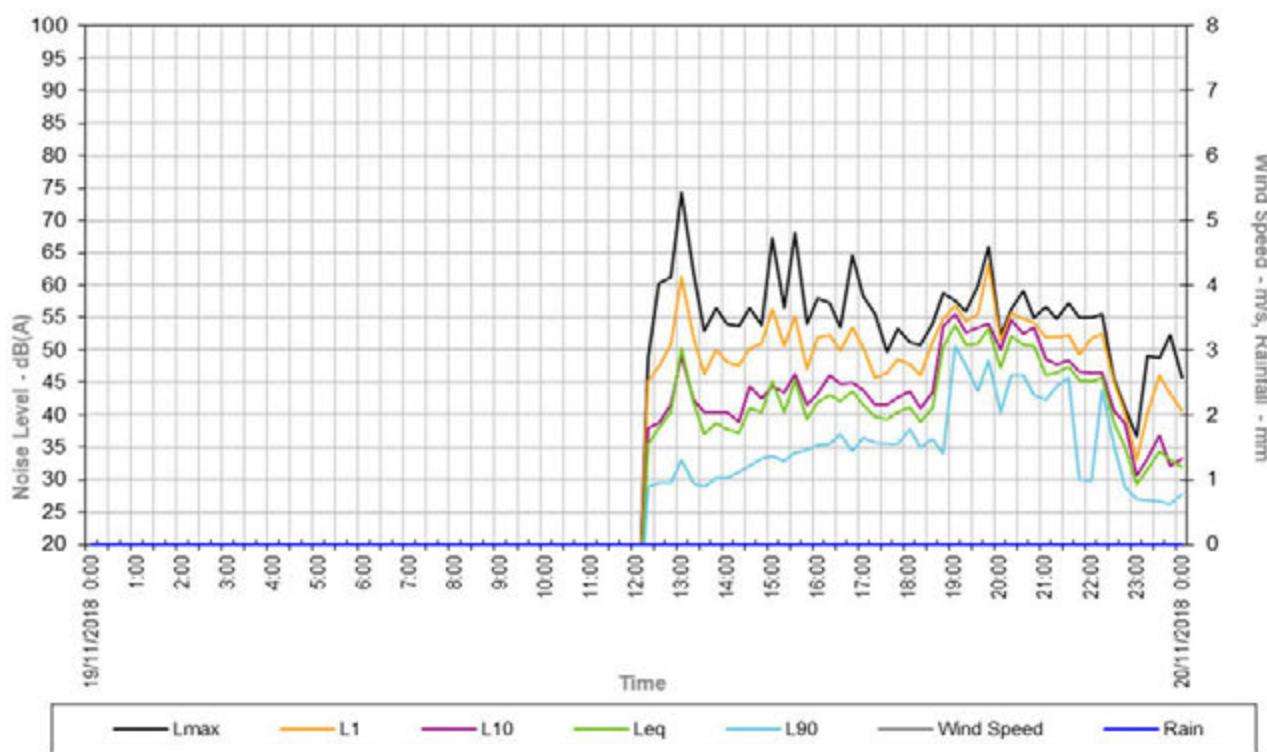
Site Attended Measurements Summary										
Date	Start	Type	Measurement					Weather Conditions	Comply	End
			Lmax	L1	L10	L90	Leq			
Comments 19/11/2018	12:15 PM	Attended	52.6	45.0	37.0	28.8	35.0	Pass	12:30 PM	
		Logged	48.7	45.2	38.0	28.9	35.5			
		Difference	3.9	-0.2	-1.0	-0.1	-0.5			
Comments Bird at 38-46 dB(A), Insect at 30-34 dB(A), Wind Gust at 38 dB(A), Residence at 45 dB(A), Aeroplane at 40 dB(A), Background is Natural Sources at 28-33 dB(A)										
Comments 28/11/2018	10:00 AM	Attended	62.4	56.4	51.1	41.9	48.2	Pass	10:15 AM	
		Logged	61.9	57.8	51.9	42.4	49.0			
		Difference	0.5	-1.4	-0.8	-0.5	-0.8			
Comments Wind Gust at 50 dB(A), Insect at 42 dB(A), Truck Local at 62 dB(A), Background is Natural Sources at 40-46 dB(A)										

Photos



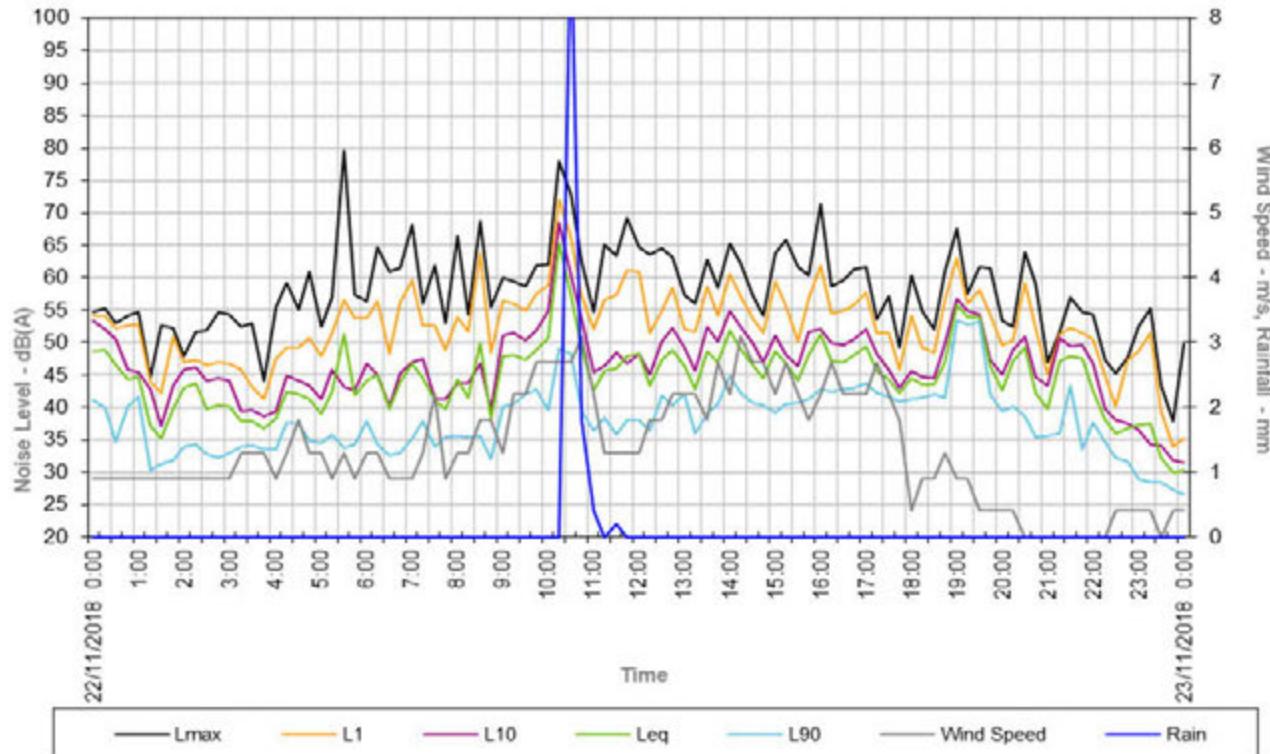
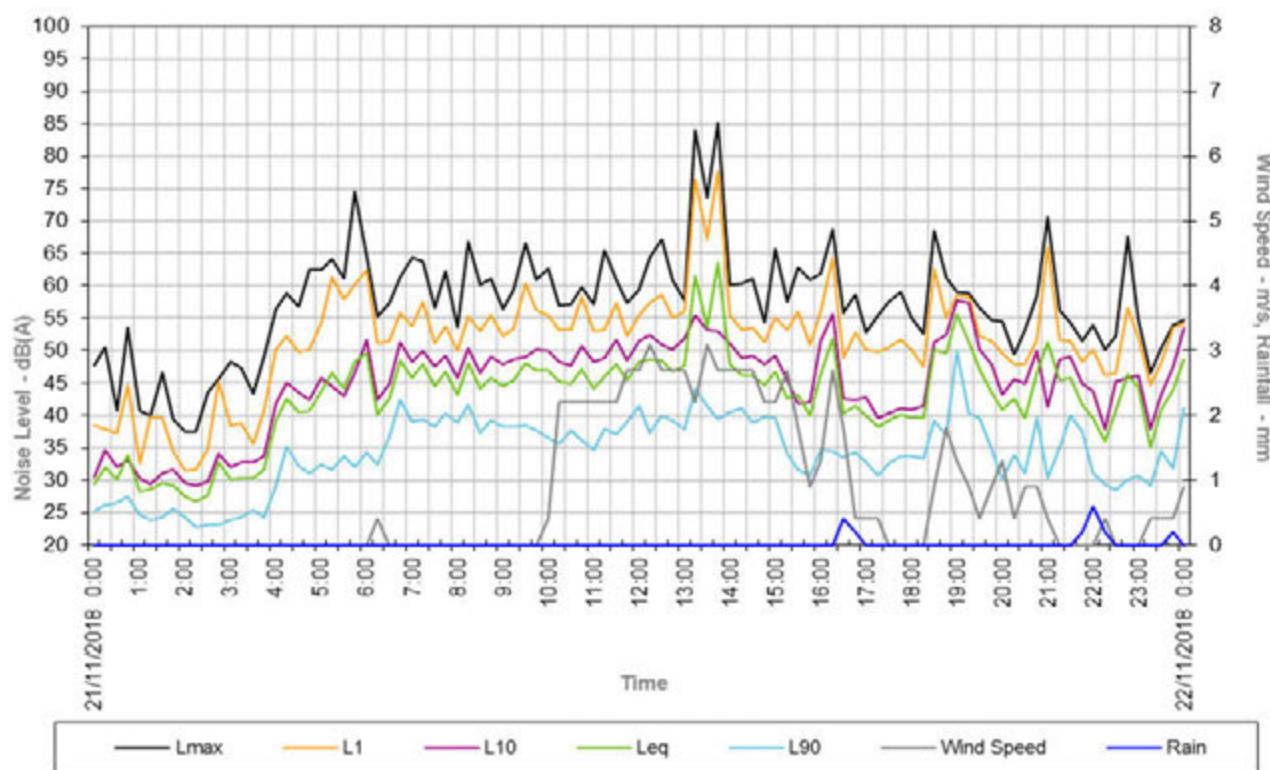
Site Noise and Weather Graphical Analysis

84 Paynes Road



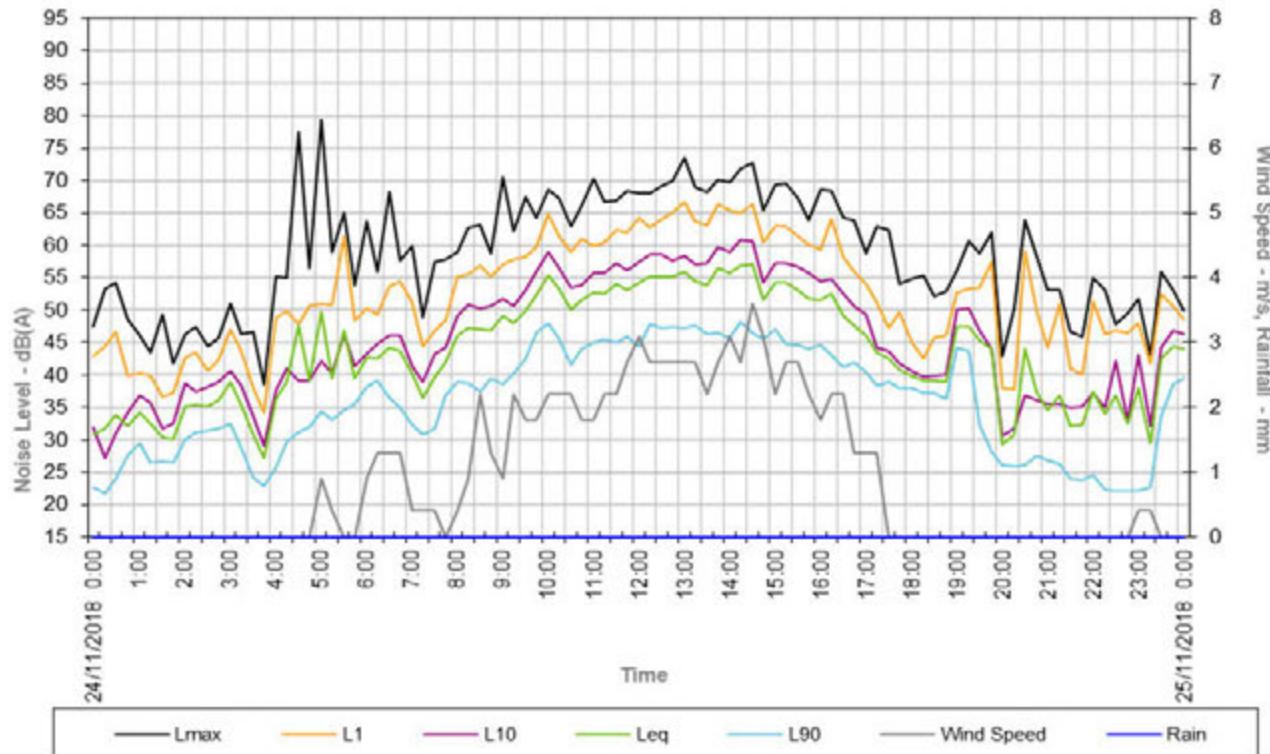
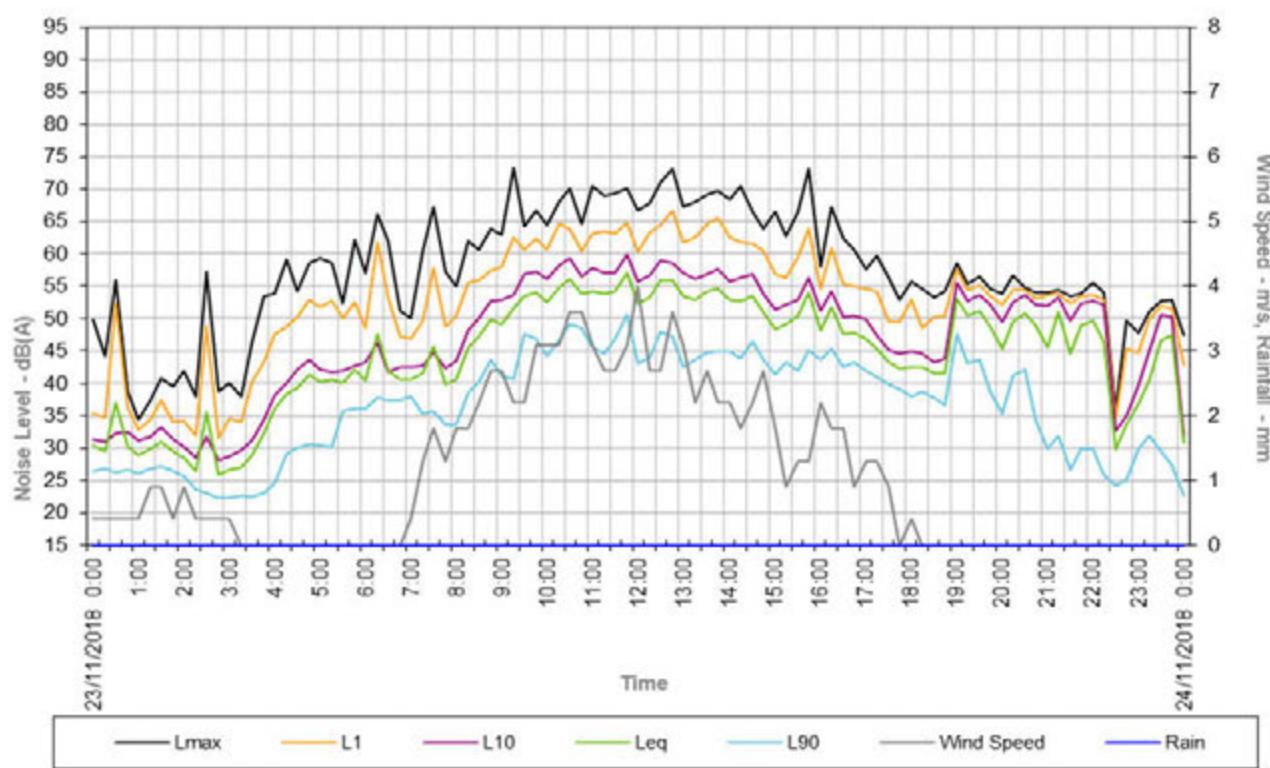
Site Noise and Weather Graphical Analysis

84 Paynes Road



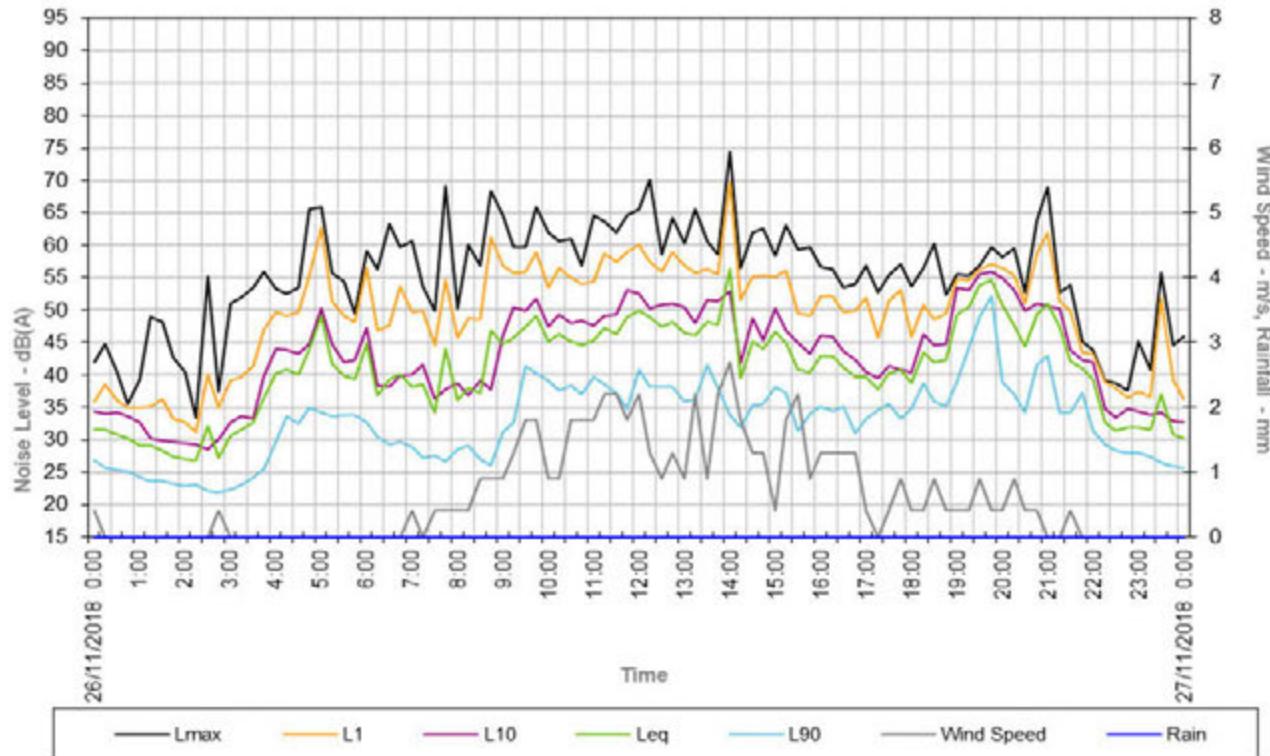
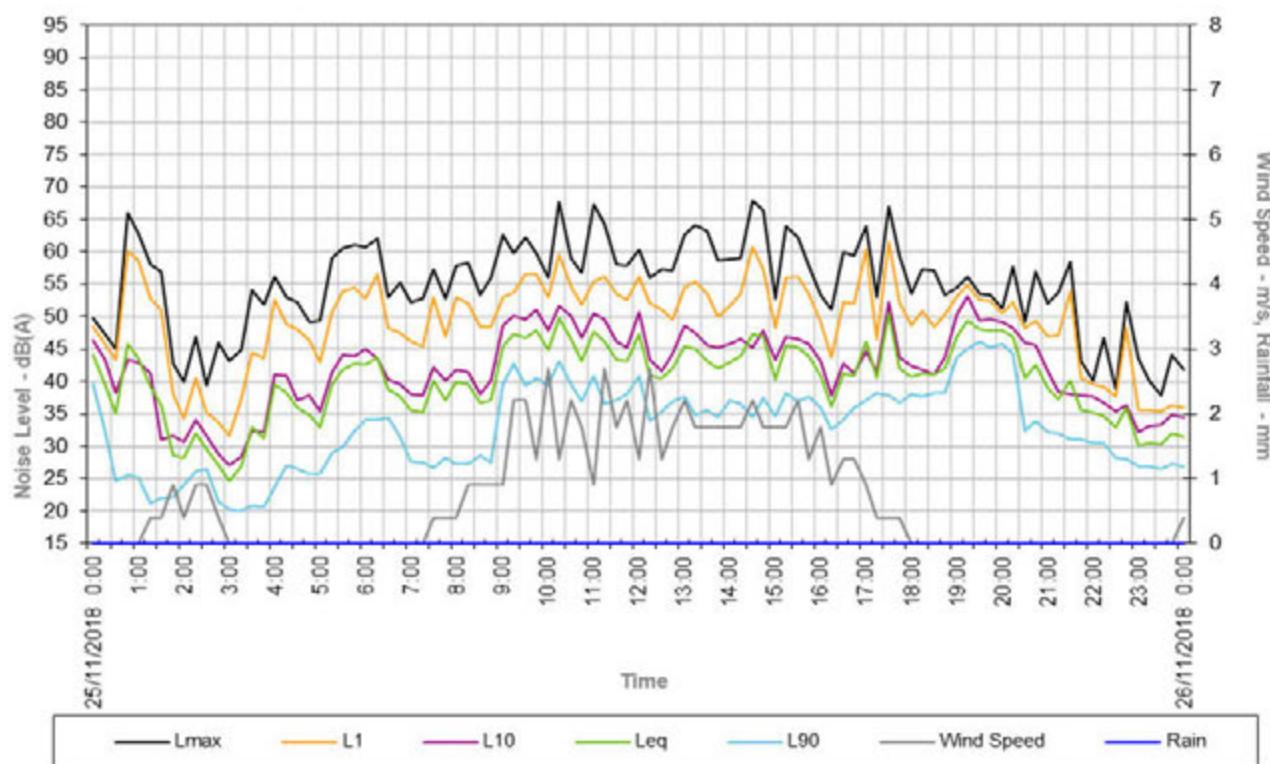
Site Noise and Weather Graphical Analysis

84 Paynes Road



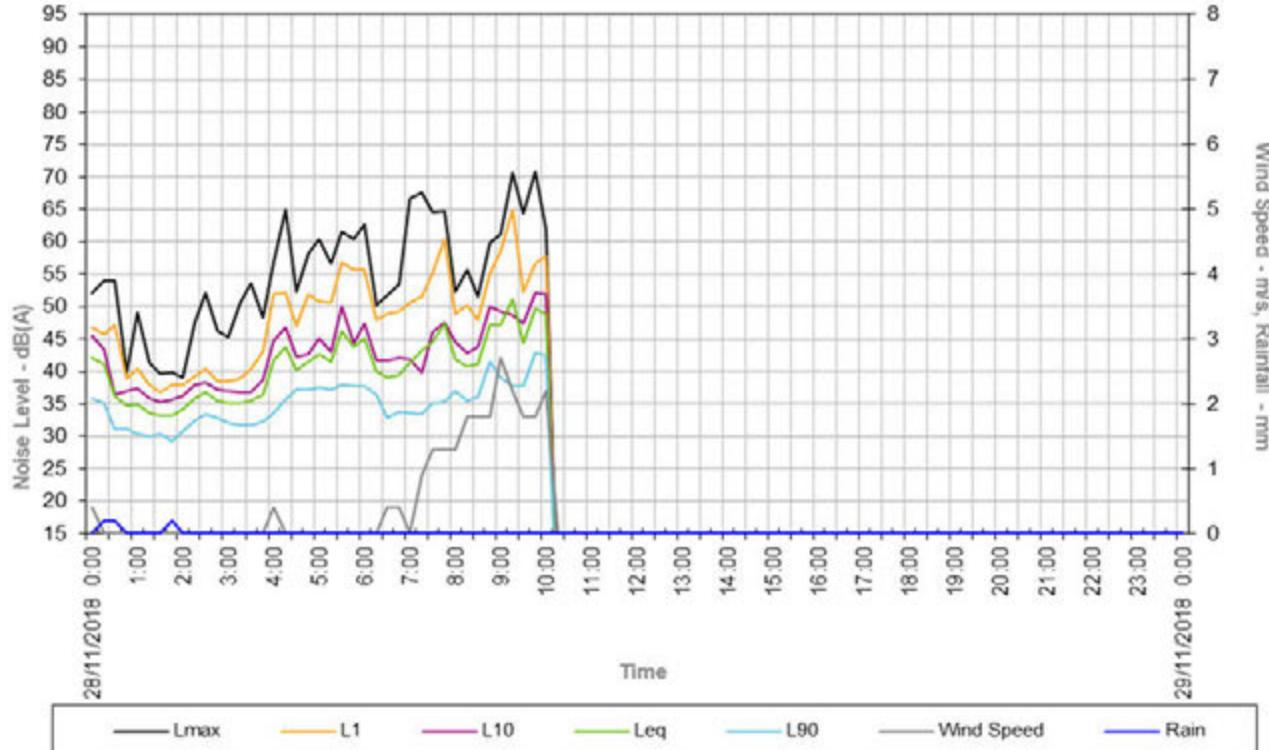
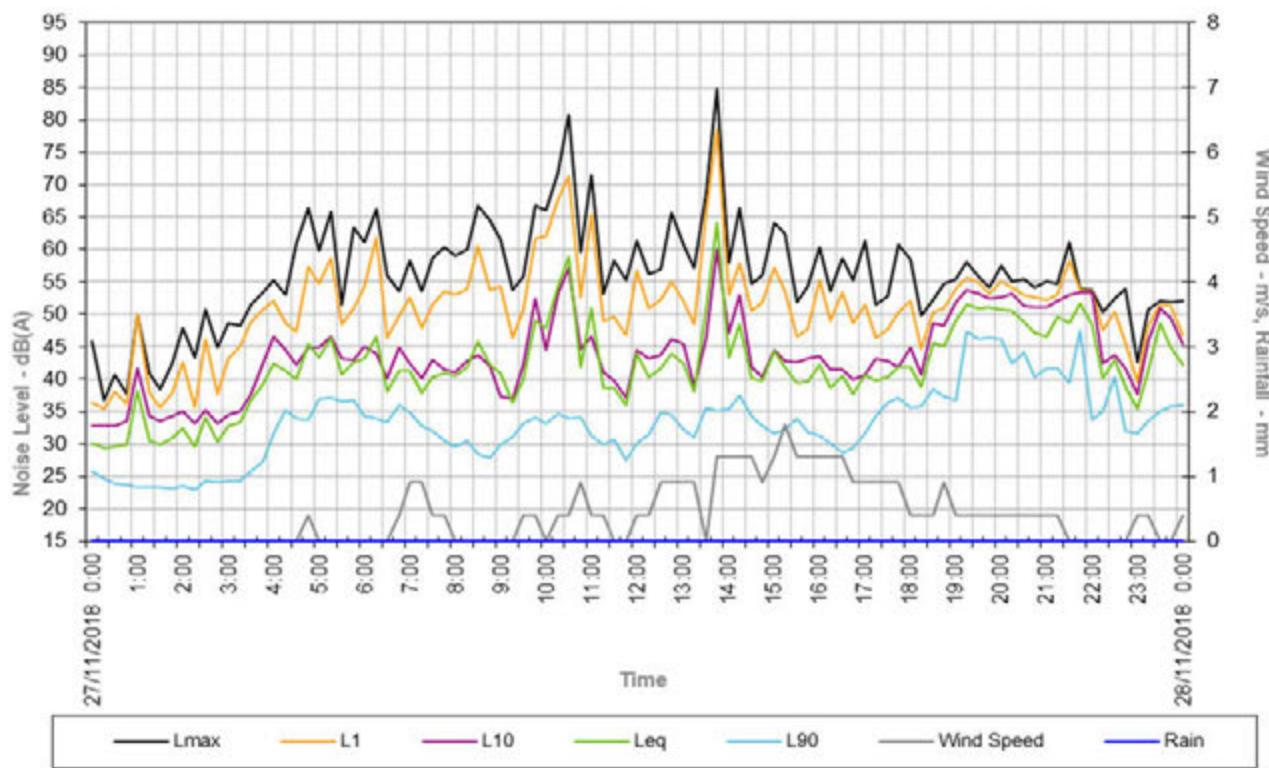
Site Noise and Weather Graphical Analysis

84 Paynes Road



Site Noise and Weather Graphical Analysis

84 Paynes Road



Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA50	Rain (mm)	Avg. Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
19/11/2018 12:15	36	49	45	38	29	0.0	0.0	0.4	225	28	43	757	
19/11/2018 12:30	38	60	48	39	29	0.0	0.0	0.0	0	28	48	757	
19/11/2018 12:45	40	61	51	42	29	0.0	0.0	0.0	0	29	42	756	
19/11/2018 13:00	50	74	61	49	33	0.0	0.0	0.0	0	28	42	756	
19/11/2018 13:15	42	62	52	42	29	0.0	0.0	4.0	225	28	45	756	
19/11/2018 13:30	37	53	46	40	29	0.0	0.0	0.0	0	26	47	756	
19/11/2018 13:45	39	57	50	40	30	0.0	0.0	0.0	0	27	45	756	
19/11/2018 14:00	38	54	48	40	30	0.0	0.0	2.7	113	27	45	756	
19/11/2018 14:15	37	54	48	39	31	0.0	0.0	0.0	0	27	48	756	
19/11/2018 14:30	41	57	50	44	32	0.0	0.0	0.4	203	28	45	755	
19/11/2018 14:45	40	54	51	43	33	0.0	0.0	0.0	0	27	46	755	
19/11/2018 15:00	45	67	56	45	34	0.0	0.0	0.0	0	27	47	755	
19/11/2018 15:15	41	56	51	43	33	0.0	0.0	0.0	0	26	48	755	
19/11/2018 15:30	45	68	55	46	34	0.0	0.0	0.0	0	27	49	755	
19/11/2018 15:45	39	54	47	42	35	0.0	0.0	0.0	0	27	46	755	
19/11/2018 16:00	42	58	52	43	35	0.0	0.0	0.0	0	28	48	755	
19/11/2018 16:15	43	57	52	46	36	0.0	0.0	0.0	0	28	49	755	
19/11/2018 16:30	42	53	50	45	37	0.0	0.0	0.0	0	28	48	755	
19/11/2018 16:45	44	65	63	45	34	0.0	0.0	0.0	0	26	48	755	
19/11/2018 17:00	42	68	51	44	36	0.0	0.0	0.0	0	26	49	755	
19/11/2018 17:15	40	55	46	42	36	0.0	0.0	0.0	0	25	51	755	
19/11/2018 17:30	39	50	47	42	36	0.0	0.0	0.0	0	24	53	755	
19/11/2018 17:45	40	53	49	43	36	0.0	0.0	0.0	0	23	56	755	
19/11/2018 18:00	41	51	48	44	38	0.0	0.0	0.0	0	23	58	755	
19/11/2018 18:15	39	51	46	41	35	0.0	0.0	0.0	0	22	59	756	
19/11/2018 18:30	41	54	51	43	36	0.0	0.0	0.0	0	22	60	756	
19/11/2018 18:45	50	59	55	54	34	0.0	0.0	0.0	0	21	60	756	
19/11/2018 19:00	54	58	57	56	51	0.0	0.0	0.0	0	21	60	756	
19/11/2018 19:15	51	56	54	53	48	0.0	0.0	0.0	0	21	62	756	
19/11/2018 19:30	51	60	56	54	44	0.0	0.0	0.0	0	20	62	756	
19/11/2018 19:45	53	66	63	54	48	0.0	0.0	0.0	0	20	62	756	
19/11/2018 20:00	47	52	51	50	40	0.0	0.0	0.0	0	20	63	756	
19/11/2018 20:15	52	56	56	55	46	0.0	0.0	0.0	0	20	64	757	
19/11/2018 20:30	51	59	55	53	46	0.0	0.0	0.0	0	20	63	757	
19/11/2018 20:45	51	55	54	53	43	0.0	0.0	0.0	0	20	63	757	
19/11/2018 21:00	46	57	52	49	42	0.0	0.0	0.0	0	20	64	757	
19/11/2018 21:15	47	56	52	48	45	0.0	0.0	0.0	0	20	64	757	
19/11/2018 21:30	47	57	52	48	46	0.0	0.0	0.0	0	20	65	757	
19/11/2018 21:45	45	55	49	47	30	0.0	0.0	0.0	0	20	65	757	
19/11/2018 22:00	45	55	52	47	30	0.0	0.0	0.0	0	20	65	757	
19/11/2018 22:15	46	56	53	46	44	0.0	0.0	0.0	0	20	65	757	
19/11/2018 22:30	39	45	45	41	35	0.0	0.0	0.0	0	20	66	757	
19/11/2018 22:45	35	41	41	39	29	0.0	0.0	0.0	0	20	66	757	
19/11/2018 23:00	29	37	33	31	27	0.0	0.0	0.0	0	20	67	757	
19/11/2018 23:15	32	49	40	33	27	0.0	0.0	0.0	0	20	67	757	
19/11/2018 23:30	34	49	46	37	27	0.0	0.0	0.0	0	19	69	758	
19/11/2018 23:45	33	52	43	32	26	0.0	0.0	0.0	0	19	70	758	
20/11/2018 0:00	32	46	41	33	28	0.0	0.0	0.0	0	19	71	758	
20/11/2018 0:15	30	39	37	32	28	0.0	0.0	0.0	0	19	71	758	
20/11/2018 0:30	30	38	35	32	27	0.0	0.0	0.0	0	19	71	758	
20/11/2018 0:45	30	38	34	32	27	0.0	0.0	0.0	0	18	74	758	
20/11/2018 1:00	30	41	36	33	27	0.0	0.0	0.0	0	18	73	758	
20/11/2018 1:15	31	54	40	31	26	0.0	0.0	0.0	0	18	73	758	
20/11/2018 1:30	29	44	37	31	25	0.0	0.0	0.0	0	18	73	758	
20/11/2018 1:45	30	54	38	29	23	0.0	0.0	0.0	0	18	72	758	
20/11/2018 2:00	27	42	32	28	23	0.0	0.0	0.0	0	18	71	758	
20/11/2018 2:15	27	37	33	29	24	0.0	0.0	0.0	0	18	75	759	
20/11/2018 2:30	27	38	33	29	24	0.0	0.0	0.0	0	17	76	759	
20/11/2018 2:45	28	44	38	30	24	0.0	0.0	0.0	0	17	78	759	
20/11/2018 3:00	34	55	47	33	24	0.0	0.0	0.0	0	17	80	759	
20/11/2018 3:15	27	36	34	29	24	0.0	0.0	0.0	0	16	81	758	
20/11/2018 3:30	30	43	40	33	24	0.0	0.0	0.0	0	16	82	758	
20/11/2018 3:45	30	42	39	34	24	0.0	0.0	0.0	0	16	84	758	
20/11/2018 4:00	38	52	48	41	27	0.0	0.0	0.0	0	15	85	758	
20/11/2018 4:15	40	54	49	43	34	0.0	0.0	0.0	0	15	85	758	
20/11/2018 4:30	44	57	56	46	34	0.0	0.0	0.0	0	15	86	758	
20/11/2018 4:45	46	72	51	44	33	0.0	0.0	0.0	0	15	88	758	
20/11/2018 5:00	50	73	60	49	34	0.0	0.0	0.0	0	15	89	758	
20/11/2018 5:15	44	63	56	45	34	0.0	0.0	0.0	0	15	89	758	
20/11/2018 5:30	44	70	53	44	32	0.0	0.0	0.0	0	16	89	758	
Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA50	Rain (mm)	Avg. Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
20/11/2018 5:45	44	64	58	43	32	0.0	0.0	0.0	0.0	0	16	87	758
20/11/2018 6:00	48	66	62	40	32	0.0	0.0	0.0	0.0	0	17	86	758
20/11/2018 6:15	42	62	55	44	30	0.0	0.0	0.0	0.0	0	18	81	758
20/11/2018 6:30	47	68	60	45	30	0.0	0.0	0.0	0.0	0	18	78	758
20/11/2018 6:45	45	67	58	45	30	0.0	0.0	0.0	0.0	0	19	74	758
20/11/2018 7:00	37	54	48	39	27	0.0	0.0	0.0	0.0	0	21	67	758
20/11/2018 7:15	38	54	50	41	27	0.0	0.0	0.0	0.0	0	21	66	758
20/11/2018 7:30	46	73	51	39	27	0.0	0.0	0.0	0.0	0	22	64	758
20/11/2018 7:45	42	61	55	42	28	0.0	0.0	0.0	0.0	0	23	60	758
20/11/2018 8:00	46	63	58	49	31	0.0	0.0	0.0	0.0	0	24	59	758
20/11/2018 8:15	45	65	58	46	30	0.0	0.0	0.0	0.0	0	24	58	758
20/11/2018 8:30	49	71	61	43	31	0.0	0.0	0.0	0.0	0	25	55	758
20/11/2018 8:45	40	63	51	39	29	0.0	0.0	0.0	0.0	0	24	56	758
20/11/2018 9:00	42	63	55	41	30	0.0	0.0	0.0	0.0	0	25	55	758
20/11/2018 9:15	42	62	55	41	29	0.0	0.0	0.0	0.0	0	25	51	758
20/11/2018 9:30	39	57	50	40	28	0.0	0.0	0.0	0.0	0	26	50	758
20/11/2018 9:45	41	58	52	44	29	0.0	0.0	0.0	0.0	0	26	51	758
20/11/2018 10:00	40	57	52	42	30	0.0	0.0	0.0	0.0	0	27	49	758
20/11/2018 10:15	50	68	63	52	30	0.0	0.0	0.0	0.0	0	27	48	758
20/11/2018 10:30	38	54	46	38	28	0.0	0.0	0.0	0.0	0	27	49	758
20/11/2018 10:45	40	61	53	39	30	0.0	0.0	0.0	0.0	0	28	49</	

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
20/11/2018 23:15	47	56	52	51	28	0.0	0.0	0.0	0	19	74	753	
20/11/2018 23:30	32	52	42	31	26	0.0	0.0	0.0	0	19	77	753	
20/11/2018 23:45	29	40	35	31	25	0.0	0.0	0.0	0	18	78	753	
21/11/2018 0:00	29	48	38	31	25	0.0	0.0	0.0	0	18	60	752	
21/11/2018 0:15	32	51	38	35	26	0.0	0.0	0.0	0	18	81	752	
21/11/2018 0:30	30	41	37	32	27	0.0	0.0	0.0	0	18	81	752	
21/11/2018 0:45	34	54	45	33	28	0.0	0.0	0.0	0	17	83	752	
21/11/2018 1:00	28	41	33	30	25	0.0	0.0	0.0	0	17	83	752	
21/11/2018 1:15	29	40	40	29	24	0.0	0.0	0.0	0	17	83	752	
21/11/2018 1:30	30	46	40	31	24	0.0	0.0	0.0	0	17	84	752	
21/11/2018 1:45	29	39	35	32	26	0.0	0.0	0.0	0	17	85	752	
21/11/2018 2:00	27	37	32	30	24	0.0	0.0	0.0	0	17	85	751	
21/11/2018 2:15	27	38	32	29	23	0.0	0.0	0.0	0	17	86	751	
21/11/2018 2:30	28	44	35	30	23	0.0	0.0	0.0	0	17	86	751	
21/11/2018 2:45	33	46	45	34	23	0.0	0.0	0.0	0	17	86	751	
21/11/2018 3:00	30	46	39	32	24	0.0	0.0	0.0	0	17	87	751	
21/11/2018 3:15	30	47	39	33	24	0.0	0.0	0.0	0	17	87	751	
21/11/2018 3:30	30	43	36	33	25	0.0	0.0	0.0	0	17	86	751	
21/11/2018 3:45	32	49	41	34	24	0.0	0.0	0.0	0	17	86	751	
21/11/2018 4:00	39	56	50	42	29	0.0	0.0	0.0	0	16	88	750	
21/11/2018 4:15	43	59	52	45	35	0.0	0.0	0.0	0	16	89	751	
21/11/2018 4:30	41	57	50	44	32	0.0	0.0	0.0	0	16	89	751	
21/11/2018 4:45	41	62	50	42	31	0.0	0.0	0.0	0	16	90	751	
21/11/2018 5:00	44	62	54	46	32	0.0	0.0	0.0	0	16	90	751	
21/11/2018 5:15	47	64	61	44	32	0.0	0.0	0.0	0	16	90	751	
21/11/2018 5:30	44	61	58	43	34	0.0	0.0	0.0	0	17	89	751	
21/11/2018 5:45	48	74	60	47	32	0.0	0.0	0.0	0	18	88	751	
21/11/2018 6:00	50	65	63	52	34	0.0	0.0	0.0	0	20	82	751	
21/11/2018 6:15	40	55	51	43	32	0.0	0.4	2.2	293	21	77	752	
21/11/2018 6:30	43	57	51	45	37	0.0	0.0	2.2	293	22	72	752	
21/11/2018 6:45	48	61	56	51	42	0.0	0.0	0.0	0	23	70	751	
21/11/2018 7:00	48	64	54	48	39	0.0	0.0	0.0	0	23	68	751	
21/11/2018 7:15	48	64	58	50	39	0.0	0.0	0.0	0	24	67	752	
21/11/2018 7:30	44	57	51	48	38	0.0	0.0	0.0	0	24	64	751	
21/11/2018 7:45	47	62	54	49	40	0.0	0.0	0.0	0	25	63	752	
21/11/2018 8:00	43	54	50	46	39	0.0	0.0	0.0	0	25	62	752	
21/11/2018 8:15	48	67	55	50	42	0.0	0.0	0.0	0	26	59	751	
21/11/2018 8:30	44	60	53	47	37	0.0	0.0	0.0	0	26	58	752	
21/11/2018 8:45	46	61	55	49	39	0.0	0.0	0.0	0	27	58	751	
21/11/2018 9:00	44	56	52	48	38	0.0	0.0	0.4	293	28	58	751	
21/11/2018 9:15	45	59	53	49	38	0.0	0.0	0.0	0	28	54	751	
21/11/2018 9:30	48	67	60	49	38	0.0	0.0	0.0	0	29	53	751	
21/11/2018 9:45	47	61	56	50	38	0.0	0.0	0.0	0	29	50	751	
21/11/2018 10:00	47	63	55	50	37	0.0	0.4	5.8	315	29	49	751	
21/11/2018 10:15	45	57	53	48	36	0.0	0.2	5.8	315	30	47	750	
21/11/2018 10:30	45	57	53	48	36	0.0	0.2	5.8	315	31	47	750	
21/11/2018 10:45	47	60	58	51	36	0.0	0.2	5.4	315	31	46	750	
21/11/2018 11:00	44	57	53	48	35	0.0	0.2	6.7	315	31	46	750	
21/11/2018 11:15	46	66	53	49	38	0.0	0.2	2.2	5.4	293	32	45	749
21/11/2018 11:30	48	61	57	52	37	0.0	0.2	2.2	4.5	315	32	43	749
21/11/2018 11:45	45	57	52	48	39	0.0	0.2	2.7	5.8	315	32	44	749
21/11/2018 12:00	48	59	56	51	41	0.0	0.2	2.7	5.4	315	33	43	748
21/11/2018 12:15	49	64	57	53	37	0.0	0.3	5.8	315	34	42	748	
21/11/2018 12:30	49	67	59	51	40	0.0	0.2	8.5	315	33	42	748	
21/11/2018 12:45	47	61	55	50	39	0.0	0.2	5.4	315	34	42	748	
21/11/2018 13:00	48	58	56	52	38	0.0	0.2	7.2	315	34	41	747	
21/11/2018 13:15	61	64	77	55	44	0.0	0.2	2.2	6.3	315	35	40	747
21/11/2018 13:30	54	74	67	53	41	0.0	0.3	6.7	315	34	41	747	
21/11/2018 13:45	64	85	78	53	39	0.0	0.2	6.3	315	34	40	747	
21/11/2018 14:00	48	60	55	51	41	0.0	0.2	7.2	293	34	42	747	
21/11/2018 14:15	46	60	53	49	41	0.0	0.2	5.4	315	34	41	747	
21/11/2018 14:30	46	61	54	49	39	0.0	0.2	6.7	315	34	41	748	
21/11/2018 14:45	45	54	51	48	40	0.0	0.2	7.2	293	33	42	748	
21/11/2018 15:00	47	66	55	49	40	0.0	0.2	2.2	4.5	293	33	43	748
21/11/2018 15:15	43	67	53	46	34	0.0	0.2	7.6	270	33	42	748	
21/11/2018 15:30	43	63	66	42	32	0.0	0.1	8.6	270	33	43	748	
21/11/2018 15:45	40	61	51	42	31	0.0	0.9	3.1	270	33	43	747	
21/11/2018 16:00	46	62	56	51	35	0.0	1.3	4.5	270	32	44	748	
21/11/2018 16:15	52	69	64	58	34	0.0	2.7	6.3	270	32	50	747	
21/11/2018 16:30	40	56	49	43	34	0.4	1.8	8.0	270	27	69	747	
21/11/2018 16:45	51	62	59	55	40	0.0	2.7	6.3	293	28	68	747	

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
22/11/2018 10:15	65	78	72	68	49	0.0	2.7	6.7	270	28	70	747	
22/11/2018 10:30	57	73	68	60	48	0.4	2.7	9.8	270	22	91	748	
22/11/2018 10:45	49	62	57	54	39	1.8	3.1	8.0	270	21	89	748	
22/11/2018 11:00	43	55	52	46	36	0.4	2.2	6.3	270	20	90	747	
22/11/2018 11:15	46	65	57	46	39	0.0	1.3	4.0	270	20	90	747	
22/11/2018 11:30	46	63	57	49	36	0.2	1.3	3.1	270	20	87	747	
22/11/2018 11:45	48	69	61	47	38	0.0	1.3	3.1	270	20	84	747	
22/11/2018 12:00	48	65	61	48	38	0.0	1.3	3.1	270	21	79	747	
22/11/2018 12:15	43	64	51	45	36	0.0	1.8	3.6	270	23	77	747	
22/11/2018 12:30	47	64	55	50	42	0.0	1.8	4.9	270	24	68	747	
22/11/2018 12:45	49	63	58	52	40	0.0	2.2	5.8	270	25	66	747	
22/11/2018 13:00	46	57	52	49	42	0.0	2.2	7.2	270	26	62	747	
22/11/2018 13:15	43	58	52	46	36	0.0	2.2	4.9	270	26	60	747	
22/11/2018 13:30	49	63	59	52	39	0.0	1.8	5.8	270	27	59	748	
22/11/2018 13:45	47	58	54	50	41	0.0	2.7	7.2	270	28	59	748	
22/11/2018 14:00	52	65	61	55	45	0.0	2.2	7.6	270	28	56	748	
22/11/2018 14:15	49	62	57	53	42	0.0	3.1	7.2	270	29	53	746	
22/11/2018 14:30	46	57	54	50	41	0.0	2.7	6.7	270	29	52	746	
22/11/2018 14:45	44	54	51	47	40	0.0	2.7	5.8	270	29	51	746	
22/11/2018 15:00	49	64	59	51	39	0.0	2.2	4.9	270	29	51	746	
22/11/2018 15:15	47	66	56	48	41	0.0	2.7	8.9	270	29	51	745	
22/11/2018 15:30	44	62	50	46	41	0.0	2.2	5.4	270	29	50	745	
22/11/2018 15:45	48	60	57	52	41	0.0	1.8	4.9	270	29	49	745	
22/11/2018 16:00	51	71	62	52	43	0.0	2.2	7.2	270	30	49	745	
22/11/2018 16:15	47	59	56	50	43	0.0	2.7	6.3	270	30	47	745	
22/11/2018 16:30	47	60	55	50	43	0.0	2.2	6.3	270	30	46	745	
22/11/2018 16:45	48	61	56	51	43	0.0	2.2	6.3	270	30	44	745	
22/11/2018 17:00	49	62	58	52	44	0.0	2.2	7.2	270	30	45	746	
22/11/2018 17:15	46	53	51	48	42	0.0	2.7	7.6	270	29	44	746	
22/11/2018 17:30	44	57	52	46	42	0.0	2.2	4.9	270	29	41	746	
22/11/2018 17:45	42	49	46	43	41	0.0	1.8	4.9	270	29	44	746	
22/11/2018 18:00	45	60	54	46	41	0.0	0.4	2.2	270	28	45	746	
22/11/2018 18:15	44	55	49	45	42	0.0	0.9	2.2	270	27	45	746	
22/11/2018 18:30	43	52	48	44	42	0.0	0.9	3.1	270	27	46	746	
22/11/2018 18:45	47	61	57	50	41	0.0	1.3	4.5	270	27	46	747	
22/11/2018 19:00	56	68	63	57	53	0.0	0.9	2.7	270	26	46	747	
22/11/2018 19:15	54	57	56	55	53	0.0	0.9	1.8	270	26	47	747	
22/11/2018 19:30	54	62	58	54	53	0.0	0.4	1.3	270	25	48	747	
22/11/2018 19:45	46	62	54	47	42	0.0	0.4	1.3	270	25	49	747	
22/11/2018 20:00	43	53	50	45	39	0.0	0.4	1.3	270	25	49	748	
22/11/2018 20:15	47	62	50	49	40	0.0	0.4	0.9	270	24	50	748	
22/11/2018 20:30	49	64	59	51	39	0.0	0.0	1.3	270	24	51	748	
22/11/2018 20:45	42	59	52	45	36	0.0	0.0	0.9	270	24	52	748	
22/11/2018 21:00	40	47	45	43	36	0.0	0.0	1.3	270	24	51	748	
22/11/2018 21:15	47	52	51	51	36	0.0	0.0	0.9	270	23	51	748	
22/11/2018 21:30	48	57	52	49	43	0.0	0.0	0.4	270	23	52	748	
22/11/2018 21:45	48	55	52	50	34	0.0	0.0	0.9	270	23	51	749	
22/11/2018 22:00	43	54	51	47	38	0.0	0.0	0.4	270	23	51	748	
22/11/2018 22:15	38	47	45	40	35	0.0	0.0	1.3	270	23	51	748	
22/11/2018 22:30	36	45	40	38	32	0.0	0.4	1.3	270	23	51	749	
22/11/2018 22:45	37	48	47	38	32	0.0	0.4	1.3	270	22	52	749	
22/11/2018 23:00	37	53	49	37	29	0.0	0.4	1.3	270	22	53	749	
22/11/2018 23:15	38	55	51	34	28	0.0	0.4	1.3	270	22	54	749	
22/11/2018 23:30	32	43	39	34	29	0.0	0.0	0.9	270	21	54	749	
22/11/2018 23:45	30	38	34	32	27	0.0	0.4	1.3	270	21	55	749	
23/11/2018 0:00	30	50	35	31	27	0.0	0.4	0.9	270	21	55	749	
23/11/2018 0:15	29	44	35	31	27	0.0	0.4	1.3	270	20	54	749	
23/11/2018 0:30	37	56	52	32	26	0.0	0.4	1.3	270	20	51	749	
23/11/2018 0:45	30	39	36	33	27	0.0	0.4	1.3	270	20	50	749	
23/11/2018 1:00	29	34	33	31	26	0.0	0.4	1.3	270	20	48	748	
23/11/2018 1:15	30	37	34	32	27	0.0	0.9	1.8	270	20	47	748	
23/11/2018 1:30	31	41	37	33	27	0.0	0.9	1.8	270	20	47	748	
23/11/2018 1:45	29	39	34	31	27	0.0	0.4	1.3	270	20	47	748	
23/11/2018 2:00	29	42	34	30	26	0.0	0.9	2.2	270	20	48	748	
23/11/2018 2:15	27	38	32	29	24	0.0	0.4	1.8	270	19	47	748	
23/11/2018 2:30	35	57	49	32	23	0.0	0.4	1.3	270	19	48	748	
23/11/2018 2:45	26	39	32	28	22	0.0	0.4	1.3	270	19	45	749	
23/11/2018 3:00	27	40	35	29	22	0.0	0.4	1.3	270	18	43	748	
23/11/2018 3:15	27	38	34	30	23	0.0	0.0	0.9	270	18	42	748	
23/11/2018 3:30	29	46	40	31	22	0.0	0.0	0.9	270	18	41	748	
23/11/2018 3:45	30	38	34	32	27	0.0	0.4	1.3	270	18	41	748	
23/11/2018 4:00	30	50	35	31	27	0.0	0.4	0.9	270	18	41	748	
23/11/2018 4:15	29	44	35	31	27	0.0	0.4	1.3	270	18	41	748	
23/11/2018 4:30	27	41	35	31	27	0.0	0.4	1.3	270	18	41	748	
23/11/2018 4:45	29	44	34	31	27	0.0	0.4	1.3	270	18	41	748	
23/11/2018 5:00	30	55	36	33	27	0.0	0.4	1.3	270	18	41	748	
23/11/2018 5:15	29	44	35	31	27	0.0	0.4	1.3	270	18	41	748	
23/11/2018 5:30	27	41	35	31	27	0.0	0.4	1.3	270	18	41	748	
23/11/2018 5:45	29	44	34	31	27	0.0	0.4	1.3	270	18	41	748	
23/11/2018 6:00	30	55	36	33	27	0.0	0.4	1.3	270	18	41	748	
23/11/2018 6:15	29	44	35	31	27	0.0	0.4	1.3	270	18	41	748	
23/11/2018 6:30	27	41	35	31	27	0.0	0.4	1.3	270	18	41	748	
23/11/2018 6:45	29	44	34	31	27	0.0	0.4	1.3	270	18	41	748	
23/11/2018 6:00	30	55	36	33	27	0.0	0.4	1.3	270	18	41	748	
23/11/2018 6:15	29	44	35	31	27	0.0	0.4	1.3	270	18	41	748	
23/11/2018 6:30	27	41	35	31	27	0.0	0.4	1.3	270	18	41	748	
23/11/2018 6:45	29	44	34	31	27	0.0	0.4	1.3	270	18	41	748	
23/11/2018 7:00	30	55	36	33	27	0.0	0.4	1.3	270	18	41	748	
23/11/2018 7:15	29	44	35	31	27	0.0	0.4	1.3	270	18	41	748	
23/11/2018 7:30	27	41	35	31	27	0.0	0.4	1.3	270	18	41		

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
23/11/2018 21:15	51	54	54	53	32	0.0	0.0	0.0	0	22	31	748	
23/11/2018 21:30	45	54	52	50	27	0.0	0.0	0.0	0	22	32	748	
23/11/2018 21:45	49	54	53	52	30	0.0	0.0	0.0	0	21	32	748	
23/11/2018 22:00	50	55	54	53	30	0.0	0.0	0.0	0	21	32	748	
23/11/2018 22:15	47	54	53	52	26	0.0	0.0	0.0	0	22	31	748	
23/11/2018 22:30	30	36	35	33	24	0.0	0.0	0.0	0	21	33	748	
23/11/2018 22:45	34	50	45	35	25	0.0	0.0	0.0	0	20	34	748	
23/11/2018 23:00	37	48	45	40	30	0.0	0.0	0.0	0	21	32	748	
23/11/2018 23:15	40	51	50	45	32	0.0	0.0	0.0	0	22	30	748	
23/11/2018 23:30	47	53	52	51	29	0.0	0.0	0.0	0	22	30	748	
23/11/2018 23:45	47	53	52	50	27	0.0	0.0	0.0	0	21	31	748	
24/11/2018 0:00	31	47	43	32	23	0.0	0.0	0.0	0	21	31	747	
24/11/2018 0:15	32	53	45	27	22	0.0	0.0	0.0	0	21	32	747	
24/11/2018 0:30	34	54	47	31	24	0.0	0.0	0.0	0	21	33	747	
24/11/2018 0:45	32	49	40	34	28	0.0	0.0	0.0	0	21	32	747	
24/11/2018 1:00	34	46	40	37	30	0.0	0.0	0.0	0	21	31	747	
24/11/2018 1:15	33	44	40	36	27	0.0	0.0	0.0	0	22	30	747	
24/11/2018 1:30	30	49	37	32	27	0.0	0.0	0.0	0	21	31	747	
24/11/2018 1:45	30	42	37	33	26	0.0	0.0	0.0	0	21	32	746	
24/11/2018 2:00	35	46	43	39	30	0.0	0.0	0.0	0	21	32	747	
24/11/2018 2:15	35	47	43	38	31	0.0	0.0	0.0	0	21	32	747	
24/11/2018 2:30	35	45	41	38	31	0.0	0.0	0.0	0	21	31	747	
24/11/2018 2:45	36	46	42	39	32	0.0	0.0	0.0	0	21	31	747	
24/11/2018 3:00	39	51	47	41	33	0.0	0.0	0.0	0	21	31	747	
24/11/2018 3:15	35	46	44	38	29	0.0	0.0	0.0	0	21	29	747	
24/11/2018 3:30	31	47	38	34	24	0.0	0.0	0.0	0	21	29	747	
24/11/2018 3:45	27	39	34	29	23	0.0	0.0	0.0	0	21	31	747	
24/11/2018 4:00	36	55	49	38	26	0.0	0.0	0.0	0	20	32	747	
24/11/2018 4:15	39	55	50	41	30	0.0	0.0	0.0	0	20	33	748	
24/11/2018 4:30	48	77	48	39	31	0.0	0.0	0.0	0	19	34	748	
24/11/2018 4:45	39	56	51	39	32	0.0	0.0	0.0	0	19	34	748	
24/11/2018 5:00	50	79	51	42	34	0.0	0.9	2.7	270	19	34	748	
24/11/2018 5:15	40	59	51	40	33	0.0	0.4	1.8	270	19	34	749	
24/11/2018 5:30	47	65	61	46	35	0.0	0.0	0.0	0	18	38	749	
24/11/2018 5:45	40	54	48	41	36	0.0	0.0	0.9	270	19	43	749	
24/11/2018 6:00	43	64	50	43	38	0.0	0.9	4.0	270	20	36	748	
24/11/2018 6:15	43	56	49	45	39	0.0	1.3	4.5	248	21	31	748	
24/11/2018 6:30	44	68	54	46	38	0.0	1.3	5.4	248	22	30	748	
24/11/2018 6:45	44	58	54	46	35	0.0	1.3	5.8	248	22	29	749	
24/11/2018 7:00	40	60	51	41	32	0.0	0.4	6.7	248	22	30	749	
24/11/2018 7:15	37	49	44	39	31	0.0	0.4	4.9	270	23	29	749	
24/11/2018 7:30	40	57	47	43	32	0.0	0.4	5.4	248	23	29	749	
24/11/2018 7:45	42	58	48	44	37	0.0	0.0	1.8	248	23	28	749	
24/11/2018 8:00	46	59	55	49	39	0.0	0.4	4.9	248	23	28	749	
24/11/2018 8:15	47	63	56	51	39	0.0	0.9	6.3	248	23	29	749	
24/11/2018 8:30	47	63	57	50	37	0.0	2.2	7.6	248	23	29	749	
24/11/2018 8:45	47	59	55	51	40	0.0	1.3	6.3	248	24	29	749	
24/11/2018 9:00	49	70	57	52	39	0.0	0.9	6.7	248	24	27	749	
24/11/2018 9:15	48	62	58	51	40	0.0	2.2	8.9	270	24	27	749	
24/11/2018 9:30	50	68	58	53	43	0.0	1.8	6.7	270	25	27	749	
24/11/2018 9:45	52	64	60	56	47	0.0	1.8	7.2	270	25	26	749	
24/11/2018 10:00	55	69	65	59	48	0.0	2.2	7.2	270	25	24	749	
24/11/2018 10:15	53	67	62	57	46	0.0	2.2	9.8	270	25	24	748	
24/11/2018 10:30	50	63	59	54	42	0.0	2.2	8.5	270	26	25	748	
24/11/2018 10:45	52	66	61	54	44	0.0	1.8	7.6	270	26	24	748	
24/11/2018 11:00	53	70	60	56	45	0.0	1.8	8.5	270	26	23	748	
24/11/2018 11:15	53	67	60	56	48	0.0	2.2	8.0	270	26	24	748	
24/11/2018 11:30	54	67	62	57	45	0.0	2.2	7.2	270	27	21	748	
24/11/2018 11:45	53	68	62	56	46	0.0	2.7	8.9	270	27	21	747	
24/11/2018 12:00	54	68	64	58	45	0.0	3.1	9.4	270	28	20	747	
24/11/2018 12:15	55	68	63	59	48	0.0	2.7	9.4	270	28	19	747	
24/11/2018 12:30	55	69	64	59	47	0.0	2.7	9.4	270	28	19	747	
24/11/2018 12:45	55	70	65	58	47	0.0	2.7	9.8	270	28	19	747	
24/11/2018 13:00	56	74	67	58	47	0.0	2.7	8.5	270	29	18	747	
24/11/2018 13:15	56	69	64	57	48	0.0	2.7	10.3	270	29	19	747	
24/11/2018 13:30	54	68	63	57	46	0.0	2.2	8.9	270	29	19	747	
24/11/2018 13:45	57	70	66	60	47	0.0	2.7	9.4	248	29	20	746	
24/11/2018 14:00	56	70	65	59	46	0.0	3.1	10.3	248	29	19	746	
24/11/2018 14:15	57	72	65	61	48	0.0	2.7	9.8	248	29	19	746	
24/11/2018 14:30	57	73	66	61	47	0.0	3.6	9.4	248	29	20	746	

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
24/11/2018 14:45	52	65	61	54	46	0.0	3.1	11.2	270	29	21	746	
24/11/2018 15:00	54	69	63	57	47	0.0	2.2	8.0	248	29	21	746	
24/11/2018 15:15	54	69	63	57	45	0.0	2.7	10.3	248	29	20	745	
24/11/2018 15:30	53	67	62	57	45	0.0	2.7	11.2	270	29	21	746	
24/11/2018 15:45	52	64	60	56	44	0.0	2.2	9.4	248	29	21	746	
24/11/2018 16:00	52	69	59	54	45	0.0	1.8	7.6	270	29	21	746	
24/11/2018 16:15	53	68	64	55	43	0.0	2.2	8.0	248	28	21	746	
24/11/2018 16:30	49	64	58	53	41	0.0	2.2	9.8	248	28	22	746	
24/11/2018 16:45	48	64	56	51	42	0.0	1.3	7.2	248	28	22	746	
24/11/2018 17:00	46	59	54	49	40	0.0	1.3	6.7	270	28	22	746	
24/11/2018 17:15	43	63	51	44	38	0.0	0.0	0.0	0	27	22	746	
24/11/2018 17:30	42	62	47	34	39	0.0	0.0	0.0	0	27	22	746	
24/11/2018 17:45	41	54	50	42	38	0.0	0.0	0.0	0	28	23	746	
24/11/2018 18:00	40	55	45	41	38	0.0	0.0	0.0	0	27	23	746	
24/11/2018 18:15	39	55	43	40	37	0.0	0.0	0.0	0	26	25	747	
24/11/2018 18:30	39	52	46	40	37								

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
25/11/2018 8:15	40	58	52	41	27	0.0	0.9	2.7	270	27	25	747	
25/11/2018 8:30	37	53	49	38	29	0.0	0.9	3.1	270	27	25	747	
25/11/2018 8:45	37	56	46	40	27	0.0	0.9	2.7	270	27	26	747	
25/11/2018 9:00	45	63	53	49	40	0.0	0.9	3.6	270	28	26	747	
25/11/2018 9:15	47	60	54	50	43	0.0	0.2	5.4	270	28	25	747	
25/11/2018 9:30	47	62	57	50	39	0.0	0.2	5.8	270	29	24	747	
25/11/2018 9:45	48	60	57	51	41	0.0	1.3	6.7	270	29	24	747	
25/11/2018 10:00	45	56	53	48	39	0.0	2.7	7.2	270	30	24	747	
25/11/2018 10:15	50	68	60	52	43	0.0	1.3	6.3	270	30	23	746	
25/11/2018 10:30	47	59	55	50	40	0.0	2.2	7.2	270	30	22	746	
25/11/2018 10:45	43	57	62	47	37	0.0	1.8	7.2	270	30	23	746	
25/11/2018 11:00	48	67	66	51	41	0.0	0.9	6.4	270	31	23	746	
25/11/2018 11:15	46	64	66	50	37	0.0	2.7	8.0	270	31	23	746	
25/11/2018 11:30	43	58	54	46	37	0.0	1.8	7.6	270	31	23	745	
25/11/2018 11:45	43	58	53	45	38	0.0	2.2	5.4	270	32	24	745	
25/11/2018 12:00	47	60	56	51	41	0.0	1.3	4.9	270	32	25	745	
25/11/2018 12:15	41	56	52	43	34	0.0	2.7	6.7	248	32	26	744	
25/11/2018 12:30	41	57	51	42	35	0.0	1.3	3.6	248	32	25	744	
25/11/2018 12:45	42	57	50	44	37	0.0	1.8	4.9	270	32	26	744	
25/11/2018 13:00	45	63	54	49	38	0.0	2.2	5.4	270	33	27	744	
25/11/2018 13:15	45	64	56	48	35	0.0	1.8	5.8	248	33	28	743	
25/11/2018 13:30	43	63	54	46	36	0.0	1.8	6.3	248	32	28	743	
25/11/2018 13:45	42	59	50	45	34	0.0	1.8	5.4	248	32	27	743	
25/11/2018 14:00	43	59	52	46	37	0.0	1.8	6.4	248	32	27	743	
25/11/2018 14:15	44	59	54	47	37	0.0	1.8	6.3	248	32	28	743	
25/11/2018 14:30	47	68	61	45	34	0.0	2.2	6.7	248	32	28	743	
25/11/2018 14:45	47	66	57	48	37	0.0	1.8	5.8	248	32	27	743	
25/11/2018 15:00	40	53	48	43	35	0.0	1.8	6.7	248	30	30	743	
25/11/2018 15:15	46	64	56	47	38	0.0	1.8	4.5	248	31	29	742	
25/11/2018 15:30	45	62	56	47	37	0.0	2.2	5.4	248	31	30	743	
25/11/2018 15:45	44	58	54	46	38	0.0	1.3	4.9	248	31	31	743	
25/11/2018 16:00	41	53	49	43	36	0.0	1.8	6.3	248	30	32	742	
25/11/2018 16:15	36	51	44	38	33	0.0	0.9	5.4	248	30	32	742	
25/11/2018 16:30	41	60	52	43	34	0.0	1.3	4.9	248	31	32	742	
25/11/2018 16:45	41	59	52	41	36	0.0	1.3	4.5	248	30	32	742	
25/11/2018 17:00	46	64	60	45	37	0.0	0.9	3.6	248	29	33	742	
25/11/2018 17:15	40	53	47	42	38	0.0	0.4	2.2	248	29	34	742	
25/11/2018 17:30	51	67	62	52	38	0.0	0.4	3.1	270	29	33	742	
25/11/2018 17:45	42	59	52	44	37	0.0	0.4	1.3	270	28	40	742	
25/11/2018 18:00	41	54	49	42	38	0.0	0.0	1.8	270	27	49	742	
25/11/2018 18:15	41	57	61	42	38	0.0	0.0	0.4	270	26	47	743	
25/11/2018 18:30	41	57	49	41	38	0.0	0.0	0.4	270	25	47	743	
25/11/2018 18:45	42	53	50	44	38	0.0	0.0	0.0	25	50	743		
25/11/2018 19:00	47	54	53	50	44	0.0	0.0	0.0	0	25	49	743	
25/11/2018 19:15	49	56	55	53	45	0.0	0.0	0.0	0	24	54	743	
25/11/2018 19:30	48	54	53	49	46	0.0	0.0	0.9	270	24	49	743	
25/11/2018 19:45	48	53	52	50	45	0.0	0.0	0.4	270	24	51	743	
25/11/2018 20:00	48	51	51	49	46	0.0	0.0	0.4	270	24	50	743	
25/11/2018 20:15	47	58	52	48	44	0.0	0.0	0.0	0	24	54	743	
25/11/2018 20:30	40	49	48	46	32	0.0	0.0	0.0	0	23	53	744	
25/11/2018 20:45	43	57	49	46	34	0.0	0.0	0.0	0	22	60	744	
25/11/2018 21:00	39	52	47	42	32	0.0	0.0	0.0	0	21	62	744	
25/11/2018 21:15	37	54	47	39	32	0.0	0.0	0.0	0	21	62	744	
25/11/2018 21:30	40	58	54	38	31	0.0	0.0	0.4	270	20	65	744	
25/11/2018 21:45	36	43	41	38	31	0.0	0.0	0.0	0	20	63	744	
25/11/2018 22:00	35	40	40	38	31	0.0	0.0	0.0	0	20	63	744	
25/11/2018 22:15	35	47	39	37	30	0.0	0.0	1.3	248	19	66	744	
25/11/2018 22:30	33	39	36	35	26	0.0	0.0	0.4	270	19	69	744	
25/11/2018 22:45	36	52	48	36	28	0.0	0.0	0.4	270	19	64	744	
25/11/2018 23:00	30	44	36	32	27	0.0	0.0	0.4	270	19	67	744	
25/11/2018 23:15	31	40	36	33	27	0.0	0.0	0.4	270	19	68	744	
25/11/2018 23:30	30	38	35	33	27	0.0	0.0	0.4	270	18	69	744	
25/11/2018 23:45	32	44	36	35	27	0.0	0.0	0.4	270	18	70	744	
26/11/2018 0:00	32	42	38	34	27	0.0	0.0	1.3	270	18	74	744	
26/11/2018 0:15	31	45	39	34	26	0.0	0.0	0.4	270	17	72	744	
26/11/2018 0:30	31	40	36	34	26	0.0	0.0	0.0	0	17	73	744	
26/11/2018 0:45	30	36	35	34	25	0.0	0.0	0.0	0	16	76	743	
26/11/2018 1:00	29	39	36	33	24	0.0	0.0	0.0	0	16	77	743	
26/11/2018 1:15	29	49	35	30	24	0.0	0.0	0.0	0	16	77	743	
26/11/2018 1:30	28	48	36	30	24	0.0	0.0	0.4	270	16	78	743	
Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
26/11/2018 1:45	27	43	33	29	23	0.0	0.0	0.4	270	15	80	743	
26/11/2018 2:00	27	40	33	29	23	0.0	0.0	0.0	0	15	81	743	
26/11/2018 2:15	27	33	31	29	23	0.0	0.0	0.0	0	15	81	743	
26/11/2018 2:30	32	55	40	29	22	0.0	0.0	0.4	270	15	79	743	
26/11/2018 2:45	27	37	35	30	22	0.0	0.4	0.9	270	15	80	743	
26/11/2018 3:00	31	51	39	33	22	0.0	0.0	0.4	270	15	78	743	
26/11/2018 3:15	32	52	40	34	23	0.0	0.0	0.0	0	14	81	743	
26/11/2018 3:30	33	54	41	33	24	0.0	0.0	0.0	0	13	84	743	
26/11/2018 3:45	37	58	47	40	26	0.0	0.0	0.0	0	13	86	744	
26/11/2018 4:00	40	53	50	44	30	0.0	0.0	0.0	0	13	86	744	
26/11/2018 4:15	41	53	49	44	34	0.0	0.0	0.0	0	13	84	744	
26/11/2018 4:30	40	53	60	60	43	0.0	0.0	0.0	0	13	86	744	
26/11/2018 4:45	44	68	65	45	36	0.0	0.0	0.0	0	13	85	744	
26/11/2018 5:00	49	68	63	50	34	0.0	0.0	0.0	0	13	84	744	
26/11/2018 5:15	42	56	51	45	34	0.0	0.0	0.0	0	13	85	744	
26/11/2018 5:30	40	54	49	42	34	0.0	0.0	0.0	0	14	83	744	
26/11/2018 5:45	39	61	50	40	29	0.0	0.0	0.4	270	22	62	745	
26/11/2018 6:00	45	59	57	47	33	0.0	0.0	0.0	0	16	77	745	
26/11/2018 6:15	37	56	47	38	31	0.0	0.0	0.0	0	18	69	745	
26/11/2018 6:30	39	63	48	38	29	0.0	0.0	0.0	0	20	62	745	
26/11/2018 6:45	40	60	61	50	30	0.0	0.0	0.4	270	23	56	745	
26/11/2018 7:00	38	61	50</										

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
26/11/2018 10:15	50	55	55	53	44	44	0.0	0.4	2.2	248	23	61	748
26/11/2018 10:30	54	57	56	56	49	49	0.0	0.9	3.1	270	23	62	748
26/11/2018 10:45	55	60	57	56	52	52	0.0	0.4	3.6	270	23	62	748
26/11/2018 20:00	51	58	57	55	39	39	0.0	0.4	2.7	270	22	64	748
26/11/2018 20:15	48	60	55	53	37	37	0.0	0.9	3.1	270	22	64	748
26/11/2018 20:30	44	53	51	50	34	34	0.0	0.4	2.2	293	22	64	748
26/11/2018 20:45	49	64	59	51	42	42	0.0	0.4	2.2	270	22	65	749
26/11/2018 21:00	51	69	62	51	43	43	0.0	0.0	1.3	248	22	66	749
26/11/2018 21:15	47	53	51	50	34	34	0.0	0.0	0.4	248	21	67	749
26/11/2018 21:30	42	54	50	44	34	34	0.0	0.4	1.3	248	21	67	749
26/11/2018 21:45	41	45	44	42	37	37	0.0	0.0	0.9	248	21	68	749
26/11/2018 22:00	39	44	43	42	31	31	0.0	0.0	0.4	248	20	69	749
26/11/2018 22:15	33	39	39	36	29	29	0.0	0.0	0.4	248	20	70	749
26/11/2018 22:30	31	39	38	34	28	28	0.0	0.0	0.0	0	19	72	749
26/11/2018 22:45	32	38	37	35	28	28	0.0	0.0	0.0	0	19	74	749
26/11/2018 23:00	32	45	37	34	28	28	0.0	0.0	0.0	0	18	76	749
26/11/2018 23:15	31	41	37	34	27	27	0.0	0.0	0.0	0	18	77	749
26/11/2018 23:30	37	56	52	34	27	27	0.0	0.0	0.0	0	17	79	749
26/11/2018 23:45	31	45	39	33	26	26	0.0	0.0	0.0	0	17	79	749
27/11/2018 0:00	30	46	36	33	26	26	0.0	0.0	0.0	0	17	79	749
27/11/2018 0:15	29	37	36	33	25	25	0.0	0.0	0.0	0	17	80	749
27/11/2018 0:30	30	41	38	33	24	24	0.0	0.0	0.0	0	17	81	749
27/11/2018 0:45	30	38	36	34	24	24	0.0	0.0	0.0	0	17	81	749
27/11/2018 1:00	38	60	60	42	23	23	0.0	0.0	0.0	0	17	82	749
27/11/2018 1:15	31	41	38	34	23	23	0.0	0.0	0.0	0	16	83	749
27/11/2018 1:30	30	39	36	34	23	23	0.0	0.0	0.0	0	16	84	748
27/11/2018 1:45	31	42	38	34	23	23	0.0	0.0	0.0	0	16	85	749
27/11/2018 2:00	32	48	43	35	24	24	0.0	0.0	0.0	0	15	86	749
27/11/2018 2:15	29	43	36	33	23	23	0.0	0.0	0.0	0	15	87	748
27/11/2018 2:30	34	51	46	35	24	24	0.0	0.0	0.0	0	15	87	748
27/11/2018 2:45	30	45	38	33	24	24	0.0	0.0	0.0	0	15	88	748
27/11/2018 3:00	33	49	43	35	24	24	0.0	0.0	0.0	0	15	88	749
27/11/2018 3:15	33	48	45	35	24	24	0.0	0.0	0.0	0	15	89	748
27/11/2018 3:30	37	51	49	38	26	26	0.0	0.0	0.0	0	14	90	748
27/11/2018 3:45	39	53	51	43	27	27	0.0	0.0	0.0	0	14	90	748
27/11/2018 4:00	42	55	52	47	32	32	0.0	0.0	0.0	0	14	90	749
27/11/2018 4:15	41	53	49	44	35	35	0.0	0.0	0.0	0	14	89	749
27/11/2018 4:30	40	61	47	42	34	34	0.0	0.0	0.9	270	15	89	749
27/11/2018 4:45	45	66	57	45	34	34	0.0	0.4	0.9	270	15	88	749
27/11/2018 5:00	43	60	55	45	37	37	0.0	0.0	0.0	0	15	89	749
27/11/2018 5:15	46	66	60	47	37	37	0.0	0.0	0.0	0	15	89	749
27/11/2018 5:30	41	52	48	43	37	37	0.0	0.0	0.0	0	14	89	750
27/11/2018 5:45	43	63	51	43	37	37	0.0	0.0	0.0	0	15	89	750
27/11/2018 6:00	43	61	54	45	34	34	0.0	0.0	0.9	248	16	87	750
27/11/2018 6:15	47	66	62	44	34	34	0.0	0.0	0.9	248	17	82	750
27/11/2018 6:30	38	56	46	40	33	33	0.0	0.0	0.9	248	18	80	750
27/11/2018 6:45	41	54	50	45	36	36	0.0	0.4	0.9	248	18	78	750
27/11/2018 7:00	41	58	53	43	35	35	0.0	0.9	1.8	248	19	77	750
27/11/2018 7:15	38	54	48	40	33	33	0.0	0.9	1.8	248	19	76	750
27/11/2018 7:30	40	59	51	43	32	32	0.0	0.4	1.8	248	20	74	750
27/11/2018 7:45	41	60	54	42	31	31	0.0	0.4	1.8	248	20	73	750
27/11/2018 8:00	41	59	53	41	30	30	0.0	0.0	1.3	248	21	71	750
27/11/2018 8:15	42	60	54	43	31	31	0.0	0.0	0.9	248	22	69	750
27/11/2018 8:30	46	67	61	44	29	29	0.0	0.0	0.4	270	22	67	750
27/11/2018 8:45	42	64	54	42	28	28	0.0	0.0	0.4	270	22	68	750
27/11/2018 9:00	41	62	54	37	30	30	0.0	0.0	0.9	270	22	67	750
27/11/2018 9:15	36	54	46	37	31	31	0.0	0.0	0.4	270	23	63	750
27/11/2018 9:30	40	56	51	42	33	33	0.0	0.4	1.3	293	24	63	750
27/11/2018 9:45	49	67	62	53	34	34	0.0	0.4	1.3	270	24	64	750
27/11/2018 10:00	48	66	62	44	33	33	0.0	0.0	0.0	0	25	63	750
27/11/2018 10:15	54	72	68	53	35	35	0.0	0.4	2.2	293	25	61	750
27/11/2018 10:30	59	81	71	57	34	34	0.0	0.4	1.8	293	25	63	750
27/11/2018 10:45	42	60	53	45	34	34	0.0	0.9	3.6	293	25	64	750
27/11/2018 11:00	51	72	65	47	31	31	0.0	0.4	1.8	293	25	64	750
27/11/2018 11:15	39	63	49	41	30	30	0.0	0.4	0.9	293	26	62	749
27/11/2018 11:30	39	68	60	40	31	31	0.0	0.0	1.3	270	26	62	749
27/11/2018 11:45	36	65	47	37	28	28	0.0	0.0	1.3	270	26	63	749
27/11/2018 12:00	44	61	57	45	30	30	0.0	0.4	2.2	293	26	63	749
27/11/2018 12:15	40	58	51	43	32	32	0.0	0.4	2.2	293	26	62	749
27/11/2018 12:30	42	57	52	44	35	35	0.0	0.9	3.1	293	27	59	749
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
27/11/2018 12:45	44	66	55	46	35	35	0.0	0.9	3.1	293	28	59	749
27/11/2018 13:00	42	61	52	45	32	32	0.0	0.9	4.0	293	28	57	748
27/11/2018 13:15	38	57	49	39	31	31	0.0	0.9	4.0	293	28	57	748
27/11/2018 13:30	51	69	66	46	36	36	0.0	0.2	2.2	270	28	57	748
27/11/2018 13:45	64	85	79	60	35	35	0.0	1.3	3.6	293	29	59	748
27/11/2018 14:00	43	58	53	47	36	36	0.0	1.3	2.7	293	29	55	748
27/11/2018 14:15	48	66	58	53	38	38	0.0	1.3	4.9	293	29	55	747
27/11/2018 14:30	40	55	51	42	34	34	0.0	1.3	4.0	293	29	53	747
27/11/2018 14:45	40	58	52	40	33	33	0.0	0.9	3.1	293	29	53	747
27/11/2018 15:00	44	64	57	44	32	32	0.0	1.3	3.6	293	29	53	747
27/11/2018 15:15	42	62	54	43	32	32	0.0	1.8	3.6	293	29	51	747
27/11/2018 15:30	39	52	47	34	30	30	0.0	1.3	3.1	293	30	51	747
27/11/2018 15:45	40	55	48	43	32	32	0.0	0.9	4.0	270	30	50	746
27/11/2018 16:00	42	59	52	45	36	36	0.0	0.9	4.0	270	30	50	746
27/11/2018 16:15	40	53	48	43	31	31	0.0	0.9	4.0	270	30	51	746
27/11/2018 16:30	39	53	49	42	30	30	0.0	0.9	4.0	270	30	52	746
27/11/2018 16:45	40	59	53	48	30	30	0.0	0.9	4.0	270	30	52	746
27/11/2018 1													

Logged Noise and Weather Data														
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Av. Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)	
28/11/2018	6:15	40	50	48	42	36	0.0	0.0	0.4	270	23	86	746	
28/11/2018	6:30	39	52	49	42	33	0.0	0.4	1.3	248	23	84	746	
28/11/2018	6:45	39	53	49	42	34	0.0	0.4	1.3	248	24	83	745	
28/11/2018	7:00	41	67	51	42	34	0.0	0.0	1.3	270	25	76	745	
28/11/2018	7:15	43	68	52	40	33	0.0	0.9	2.7	293	26	78	745	
28/11/2018	7:30	45	65	55	46	35	0.0	1.3	3.1	293	26	75	745	
28/11/2018	7:45	47	65	61	48	35	0.0	1.3	3.1	270	26	74	745	
28/11/2018	8:00	42	52	49	45	37	0.0	1.3	3.8	270	27	73	745	
28/11/2018	8:15	41	58	50	43	36	0.0	1.8	4.0	315	28	70	745	
28/11/2018	8:30	41	52	48	44	36	0.0	1.8	4.0	293	28	70	745	
28/11/2018	8:45	47	60	56	50	42	0.0	1.8	4.0	293	28	68	744	
28/11/2018	9:00	47	61	59	49	39	0.0	2.7	6.8	315	29	66	744	
28/11/2018	9:15	51	71	65	49	38	0.0	2.2	4.5	293	30	64	744	
28/11/2018	9:30	44	64	52	47	38	0.0	1.8	4.0	293	30	63	744	
28/11/2018	9:45	50	71	57	52	43	0.0	1.8	4.5	293	31	59	744	
28/11/2018	10:00	49	62	58	52	42	0.0	2.2	6.3	315	32	58	744	

SITE ID

Noise Monitoring Data Sheet

Inland Rail

C2K_03

From	Monday 19/11/2018 14:45	Meas. Type	Free Field	Package	Calvert to Kaguru
To	Monday 26/11/2018 11:45	Mic. Height (m)	1.8	Address	285-327 Paynes Road
Instrument Type	01 dB DUO	Weather Station	No	Suburb	Ebenezer
Instrument Serial #	12601	Operator	BR	Land Use	Residential
Inst. Cal. Date	16/05/2017	Sample Int.	15 min	Latitude	27°41'24.20"S
Pre Calibration	94	RP Lot#	20/CC3472	Longitude	152°36'49.92"E
Post Calibration	94				

Daytime	Evening	Night
RBL 33.1 dB(A)	RBL 28.3 dB(A)	RBL 22.5 dB(A)
ABLs Day (Mon-Fri 7am - 6 pm)	ABLs Evening (Mon-Fri 6 pm - 10 pm)	ABLs Night (Mon - Thu, Sat - Sun 6pm - 7am)
ABLs Day (Sat 8 am - 1 pm)	ABLs Evening (Sat 1 pm - 10 pm)	ABLs Night (Fri 6pm - 8am)
	ABLs Evening (Sun 7 am - 10 pm)	
Monday 19/11/2018 33.1 dB(A)	Monday 19/11/2018 30.8 dB(A)	Monday 19/11/2018 22.9 dB(A)
Tuesday 20/11/2018 29.9 dB(A)	Tuesday 20/11/2018 28.3 dB(A)	Tuesday 20/11/2018 22.5 dB(A)
Wednesday 21/11/2018 30.1 dB(A)	Wednesday 21/11/2018 29.5 dB(A)	Wednesday 21/11/2018 28 dB(A)
Thursday 22/11/2018 34.1 dB(A)	Thursday 22/11/2018 32.1 dB(A)	Thursday 22/11/2018 21.8 dB(A)
Friday 23/11/2018 34.1 dB(A)	Friday 23/11/2018 23.8 dB(A)	Friday 23/11/2018 <21.1 dB(A)
Saturday 24/11/2018 40.5 dB(A)	Saturday 24/11/2018 25.0 dB(A)	Saturday 24/11/2018 <21.1 dB(A)
	Sunday 25/11/2018 27.6 dB(A)	Sunday 25/11/2018 23.1 dB(A)
Monday 26/11/2018 26 dB(A)		

Site Diagram - Diagram



Inland Rail

Project:60553814

Imagery Date: 9/2/2018



Future Freight
Integrating Community, Environment and Engineering

Site Attended Measurements Summary

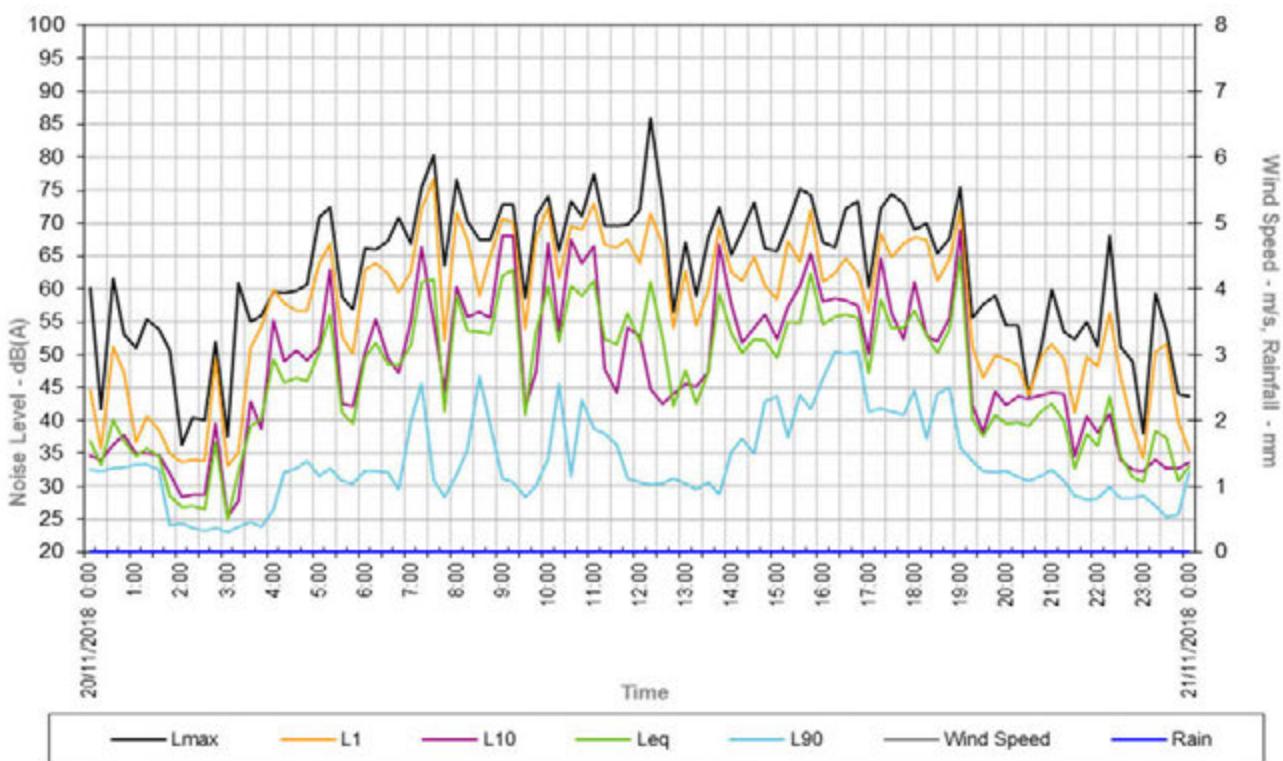
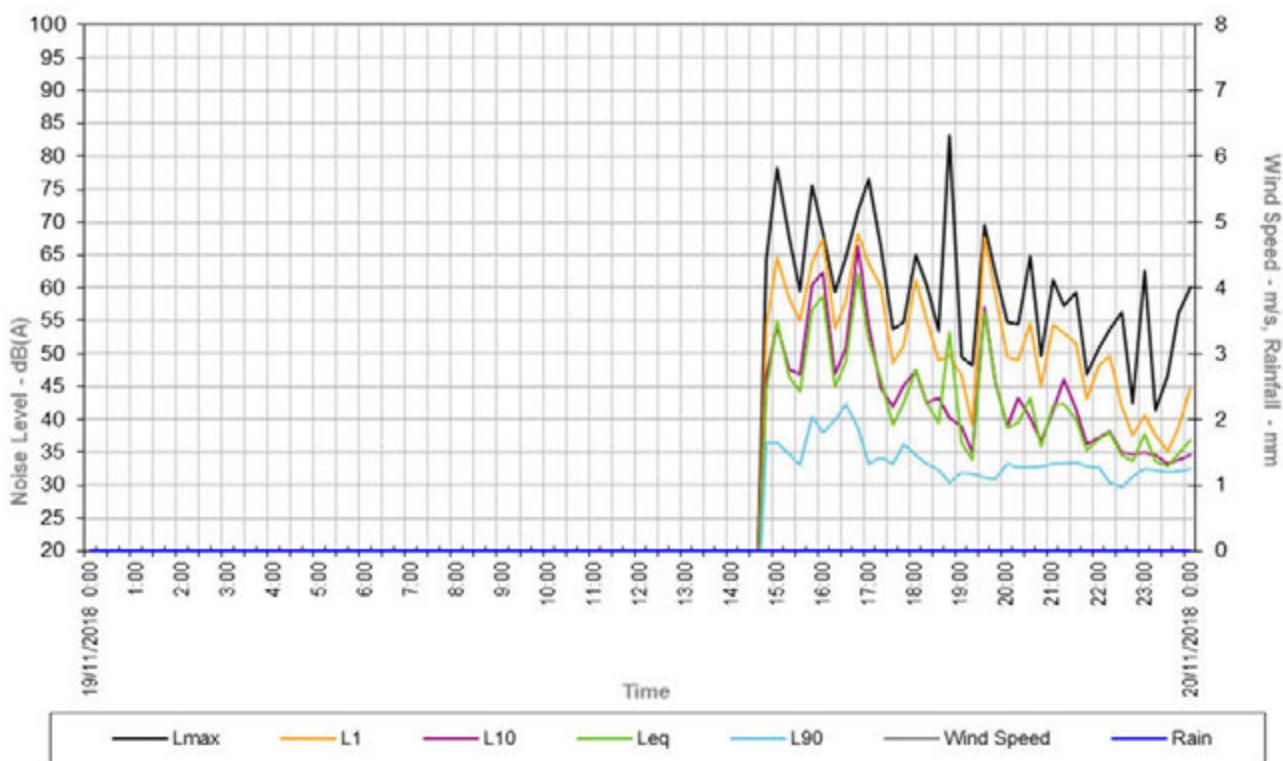
Date	Start	Type	Measurement					Weather Conditions Comply	End
			Lmax	L1	L10	L90	Leq		
Comments	19/11/2018	Attended	65.1	53.2	44.5	35.5	42.9	Pass	3:00 PM
		Logged	64.2	64.1	46.7	36.4	44.4		
		Difference	0.9	-0.9	-2.2	-0.9	-1.5		
Bird at 36-66 dB(A), Wind Gust at 40 dB(A), Background is Distant Traffic at -45-43 dB(A), Background is Natural Sources at 36-39 dB(A)									
Comments	26/11/2018	Attended	78.1	56.7	49.3	38.1	47.8	Pass	12:00 PM
		Logged	74.6	57.3	50.4	39.0	48.9		
		Difference	3.5	-0.6	-1.1	-0.9	-1.1		
Wind Gust at 46-60 dB(A), Car Local at 42-47 dB(A), Resident Talking at 60 dB(A), Aeroplane at 52 dB(A), Background is Natural Sources at 35-45 dB(A), Background is Residence at 40-55 dB(A)									

Photos



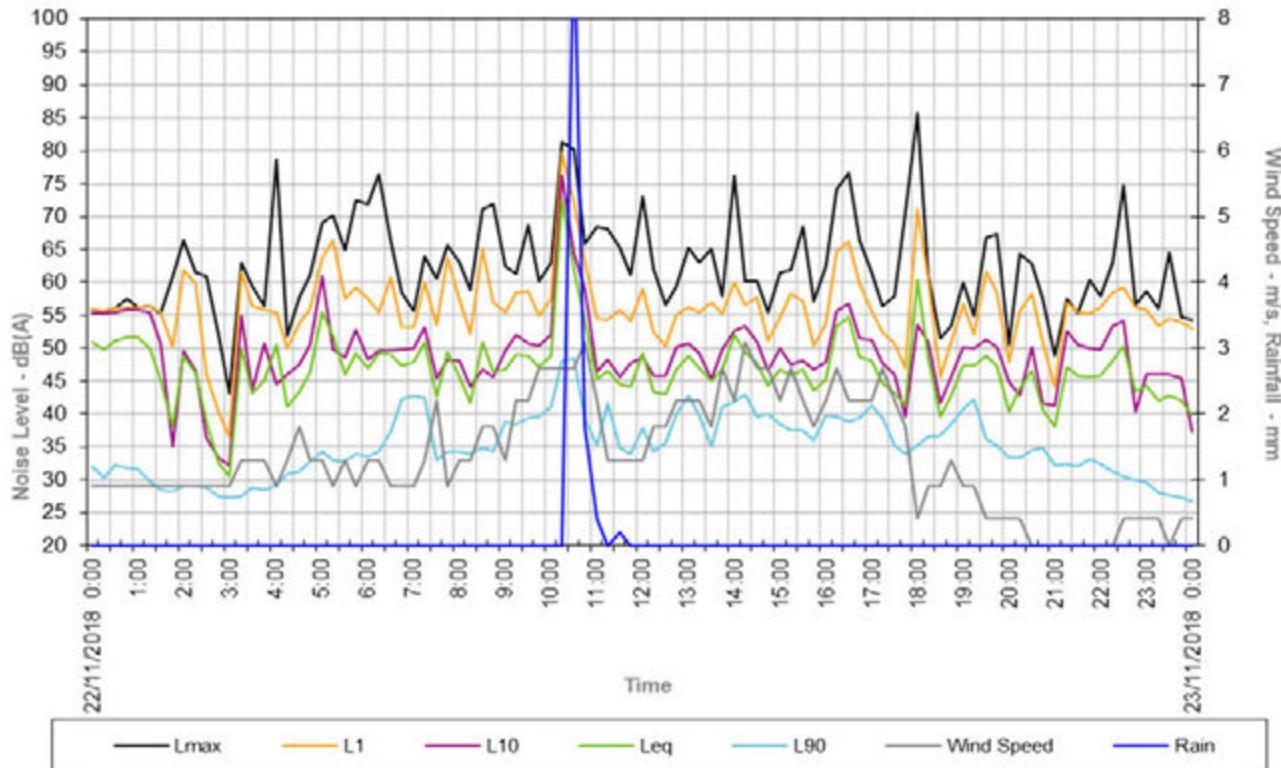
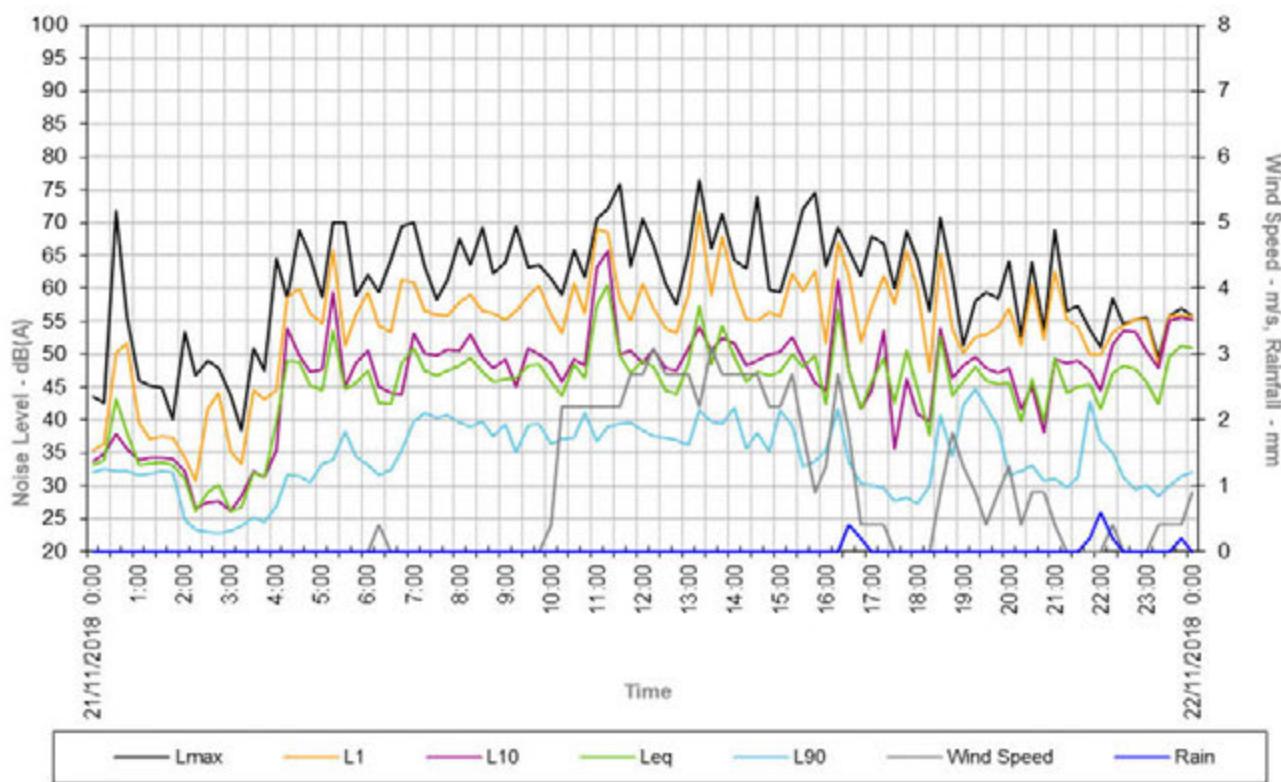
Site Noise and Weather Graphical Analysis

285-327 Paynes Road



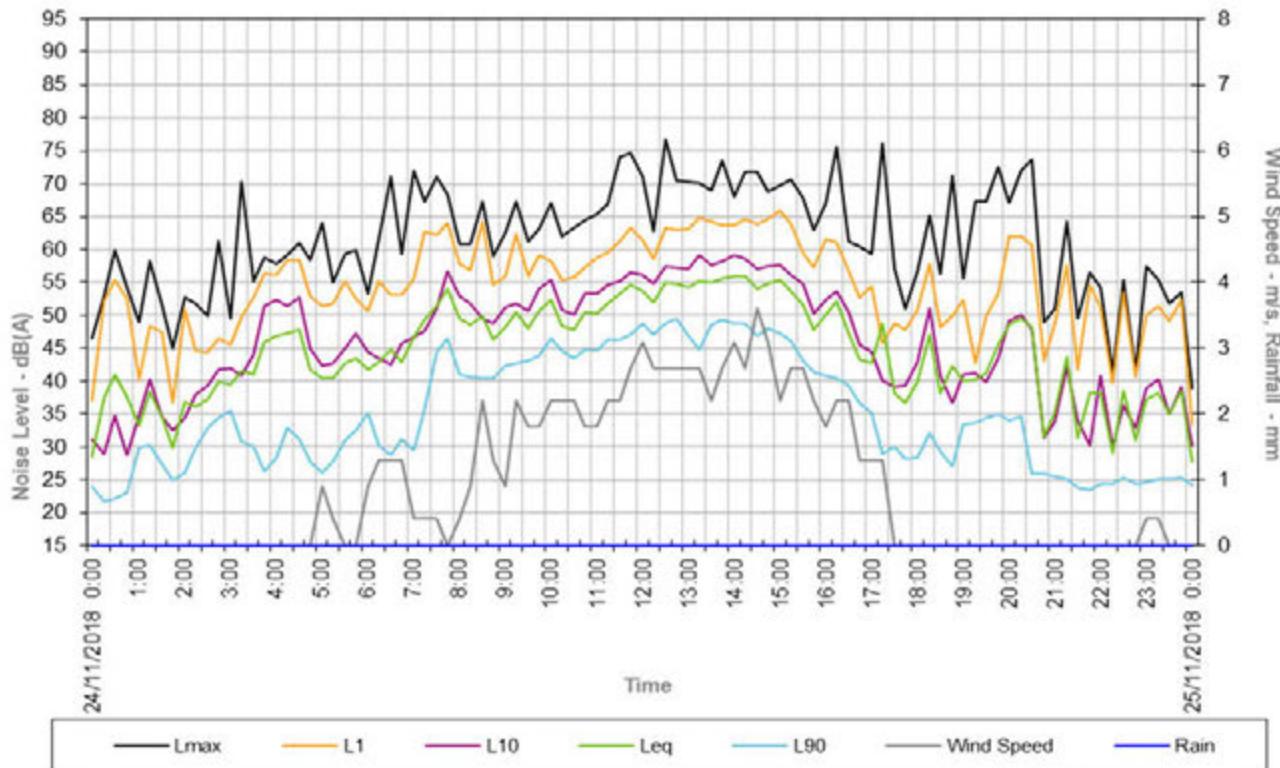
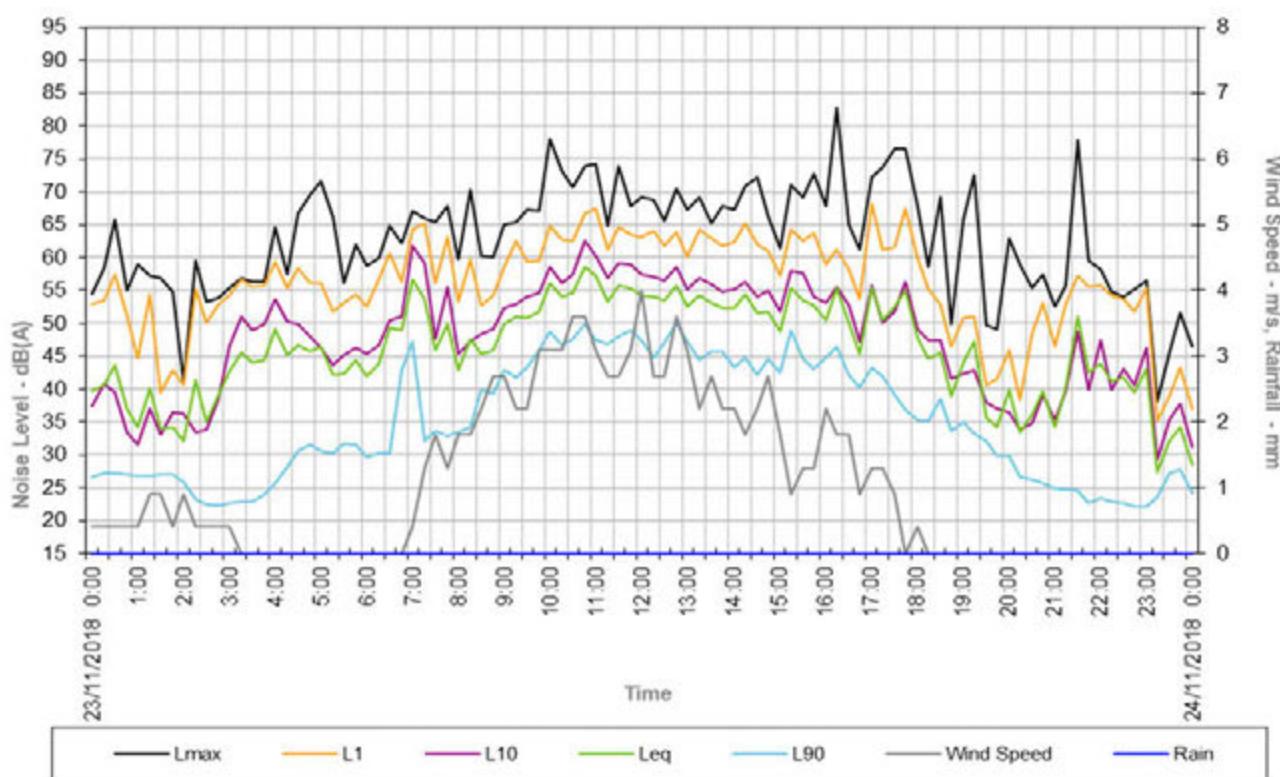
Site Noise and Weather Graphical Analysis

285-327 Paynes Road



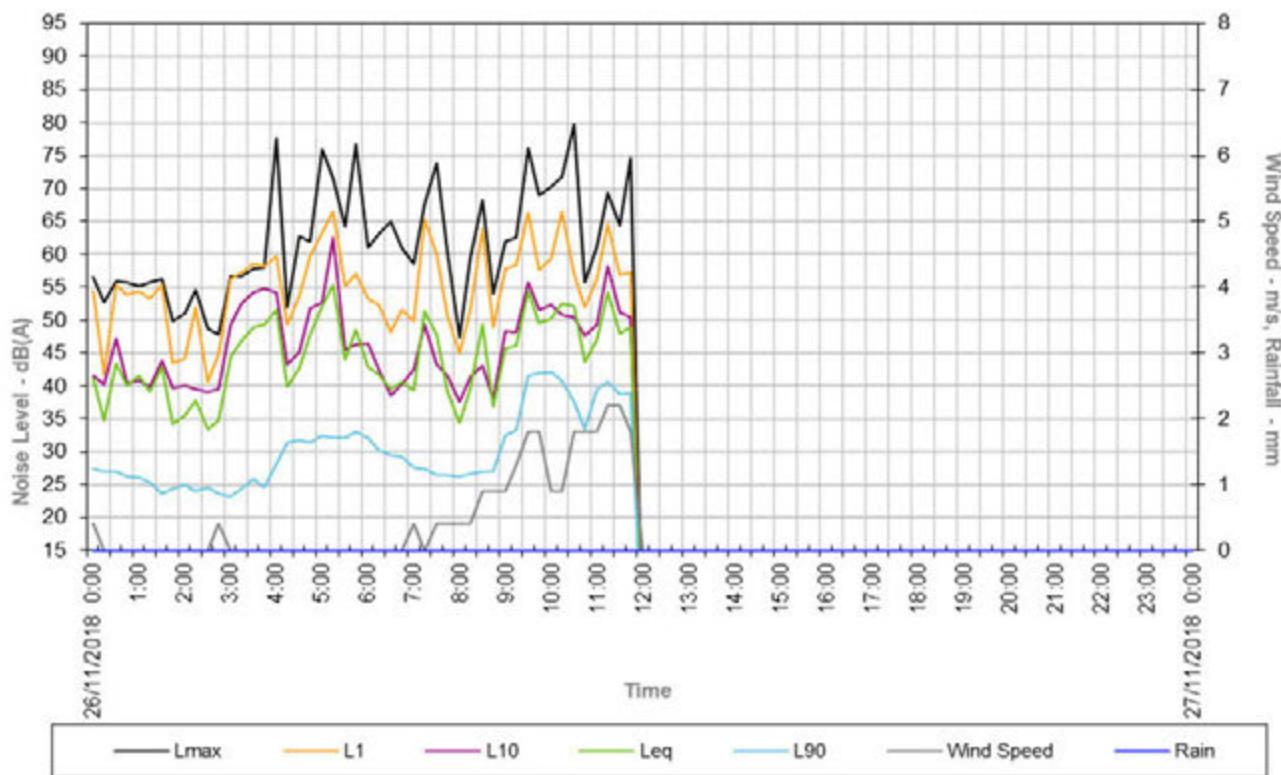
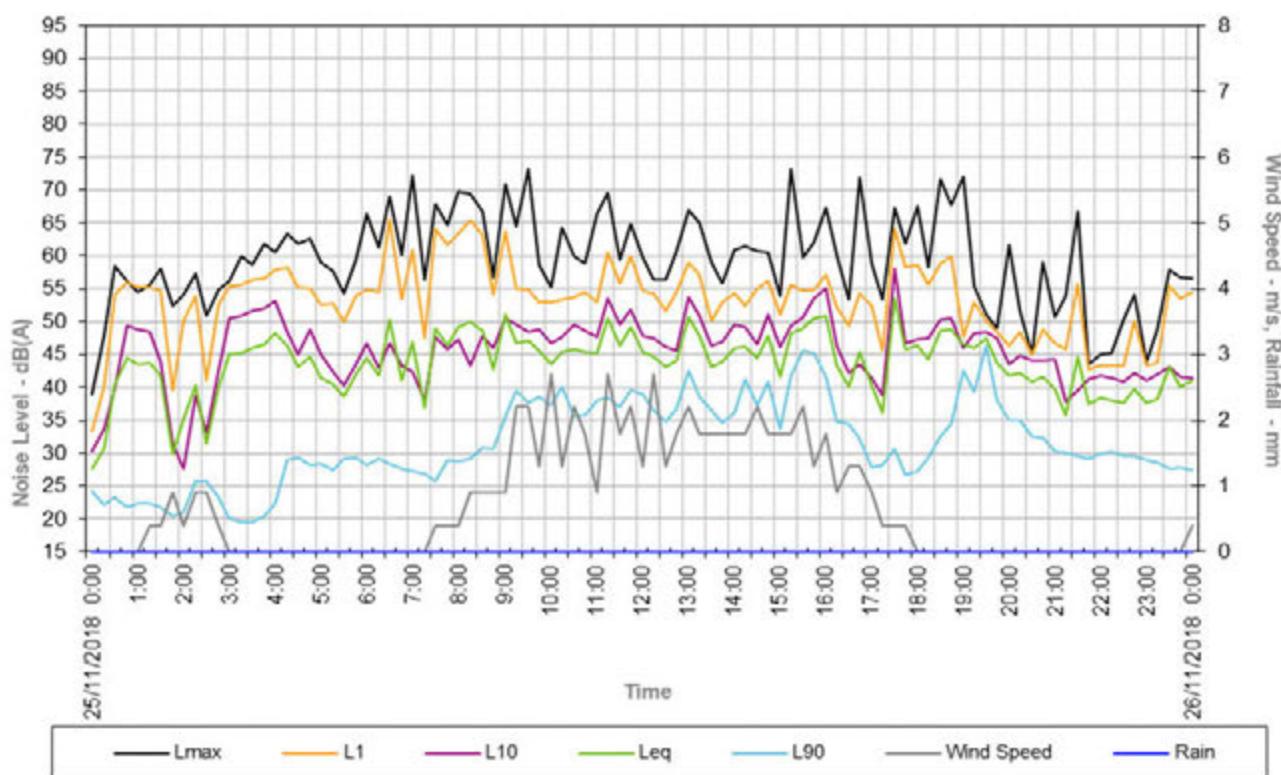
Site Noise and Weather Graphical Analysis

285-327 Paynes Road



Site Noise and Weather Graphical Analysis

285-327 Paynes Road



Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
19/11/2018 14:45	44	64	54	47	36	0.0	0.0	0.0	0.0	0	27	46	755
19/11/2018 15:00	55	78	65	54	37	0.0	0.0	0.0	0.0	0	27	47	755
19/11/2018 15:15	46	68	58	48	35	0.0	0.0	0.0	0.0	0	26	48	755
19/11/2018 15:30	44	60	55	47	33	0.0	0.0	0.0	0.0	0	27	49	755
19/11/2018 15:45	57	76	64	61	41	0.0	0.0	0.0	0.0	0	27	46	755
19/11/2018 16:00	59	69	68	62	38	0.0	0.0	0.0	0.0	0	26	48	755
19/11/2018 16:15	45	59	54	47	40	0.0	0.0	0.0	0.0	0	26	49	755
19/11/2018 16:30	49	65	58	51	42	0.0	0.0	0.0	0.0	0	26	48	755
19/11/2018 16:45	62	72	68	66	39	0.0	0.0	0.0	0.0	0	26	48	755
19/11/2018 17:00	52	77	64	55	33	0.0	0.0	0.0	0.0	0	25	49	755
19/11/2018 17:15	46	66	60	45	34	0.0	0.0	0.0	0.0	0	25	51	755
19/11/2018 17:30	39	54	49	42	33	0.0	0.0	0.0	0.0	0	24	53	755
19/11/2018 17:45	42	55	51	45	36	0.0	0.0	0.0	0.0	0	23	56	755
19/11/2018 18:00	48	65	61	48	35	0.0	0.0	0.0	0.0	0	23	58	755
19/11/2018 18:15	42	60	55	43	33	0.0	0.0	0.0	0.0	0	22	59	755
19/11/2018 18:30	40	54	49	43	32	0.0	0.0	0.0	0.0	0	22	60	755
19/11/2018 18:45	53	83	50	40	31	0.0	0.0	0.0	0.0	0	21	60	755
19/11/2018 19:00	37	49	47	39	32	0.0	0.0	0.0	0.0	0	21	60	755
19/11/2018 19:15	34	48	39	36	32	0.0	0.0	0.0	0.0	0	21	62	755
19/11/2018 19:30	56	69	68	67	31	0.0	0.0	0.0	0.0	0	20	62	755
19/11/2018 19:45	46	62	59	46	31	0.0	0.0	0.0	0.0	0	20	62	755
19/11/2018 20:00	39	55	50	39	33	0.0	0.0	0.0	0.0	0	20	63	755
19/11/2018 20:15	39	54	49	43	33	0.0	0.0	0.0	0.0	0	20	64	757
19/11/2018 20:30	43	65	55	40	33	0.0	0.0	0.0	0.0	0	20	63	757
19/11/2018 20:45	36	50	45	37	33	0.0	0.0	0.0	0.0	0	20	63	757
19/11/2018 21:00	42	61	54	41	33	0.0	0.0	0.0	0.0	0	20	64	757
19/11/2018 21:15	42	57	53	46	33	0.0	0.0	0.0	0.0	0	20	64	757
19/11/2018 21:30	40	59	52	42	33	0.0	0.0	0.0	0.0	0	20	65	757
19/11/2018 21:45	35	47	43	36	33	0.0	0.0	0.0	0.0	0	20	65	757
19/11/2018 22:00	37	51	48	37	33	0.0	0.0	0.0	0.0	0	20	65	757
19/11/2018 22:15	38	54	50	38	30	0.0	0.0	0.0	0.0	0	20	65	757
19/11/2018 22:30	35	66	42	36	30	0.0	0.0	0.0	0.0	0	20	66	757
19/11/2018 22:45	34	43	38	35	31	0.0	0.0	0.0	0.0	0	20	66	757
19/11/2018 23:00	38	63	41	35	33	0.0	0.0	0.0	0.0	0	20	67	757
19/11/2018 23:15	34	41	38	35	32	0.0	0.0	0.0	0.0	0	20	67	757
19/11/2018 23:30	33	47	36	33	32	0.0	0.0	0.0	0.0	0	19	69	756
19/11/2018 23:45	35	56	39	34	32	0.0	0.0	0.0	0.0	0	19	70	756
20/11/2018 0:00	37	60	45	36	33	0.0	0.0	0.0	0.0	0	19	71	756
20/11/2018 0:15	33	42	36	34	32	0.0	0.0	0.0	0.0	0	19	71	756
20/11/2018 0:30	40	62	51	38	33	0.0	0.0	0.0	0.0	0	19	71	756
20/11/2018 0:45	37	53	47	38	33	0.0	0.0	0.0	0.0	0	18	74	756
20/11/2018 1:00	35	51	37	35	33	0.0	0.0	0.0	0.0	0	18	73	756
20/11/2018 1:15	36	55	41	35	33	0.0	0.0	0.0	0.0	0	18	73	756
20/11/2018 1:30	35	54	39	35	33	0.0	0.0	0.0	0.0	0	18	73	755
20/11/2018 1:45	29	51	35	32	24	0.0	0.0	0.0	0.0	0	18	72	755
20/11/2018 2:00	27	36	34	28	24	0.0	0.0	0.0	0.0	0	18	71	758
20/11/2018 2:15	27	40	34	29	24	0.0	0.0	0.0	0.0	0	18	75	755
20/11/2018 2:30	27	40	34	29	23	0.0	0.0	0.0	0.0	0	17	76	755
20/11/2018 2:45	37	52	49	40	24	0.0	0.0	0.0	0.0	0	17	78	755
20/11/2018 3:00	26	38	33	25	23	0.0	0.0	0.0	0.0	0	17	80	755
20/11/2018 3:15	32	61	35	28	24	0.0	0.0	0.0	0.0	0	16	81	755
20/11/2018 3:30	39	55	51	43	25	0.0	0.0	0.0	0.0	0	16	82	755
20/11/2018 3:45	40	56	54	39	24	0.0	0.0	0.0	0.0	0	16	84	755
20/11/2018 4:00	49	59	60	55	26	0.0	0.0	0.0	0.0	0	15	85	755
20/11/2018 4:15	46	59	58	49	32	0.0	0.0	0.0	0.0	0	15	85	755
20/11/2018 4:30	47	60	57	51	33	0.0	0.0	0.0	0.0	0	15	86	755
20/11/2018 4:45	46	61	57	49	34	0.0	0.0	0.0	0.0	0	15	88	755
20/11/2018 5:00	50	71	64	51	32	0.0	0.0	0.0	0.0	0	15	89	756
20/11/2018 5:15	56	72	67	63	33	0.0	0.0	0.0	0.0	0	15	89	756
20/11/2018 5:30	41	59	53	43	31	0.0	0.0	0.0	0.0	0	16	89	756
20/11/2018 5:45	40	57	50	42	30	0.0	0.0	0.0	0.0	0	16	87	756
20/11/2018 6:00	49	66	63	50	32	0.0	0.0	0.0	0.0	0	17	86	756
20/11/2018 6:15	52	66	64	55	32	0.0	0.0	0.0	0.0	0	18	81	756
20/11/2018 6:30	49	67	62	50	32	0.0	0.0	0.0	0.0	0	18	78	756
20/11/2018 6:45	48	71	60	47	30	0.0	0.0	0.0	0.0	0	19	74	756
20/11/2018 7:00	51	67	63	55	40	0.0	0.0	0.0	0.0	0	21	67	757
20/11/2018 7:15	61	75	72	66	46	0.0	0.0	0.0	0.0	0	21	66	756
20/11/2018 7:30	62	80	77	55	31	0.0	0.0	0.0	0.0	0	22	64	756
20/11/2018 7:45	41	64	52	44	28	0.0	0.0	0.0	0.0	0	23	60	756
20/11/2018 8:00	59	76	72	60	32	0.0	0.0	0.0	0.0	0	24	59	756
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
20/11/2018 8:15	54	70	67	56	36	0.0	0.0	0.0	0.0	0	24	58	756
20/11/2018 8:30	53	67	59	57	47	0.0	0.0	0.0	0.0	0	25	55	756
20/11/2018 8:45	53	68	65	58	39	0.0	0.0	0.0	0.0	0	24	56	756
20/11/2018 9:00	62	73	71	68	31	0.0	0.0	0.0	0.0	0	25	55	756
20/11/2018 9:15	63	73	70	68	31	0.0	0.0	0.0	0.0	0	25	51	756
20/11/2018 9:30	41	59	54	42	28	0.0	0.0	0.0	0.0	0	26	50	756
20/11/2018 9:45	53	71	68	47	30	0.0	0.0	0.0	0.0	0	26	51	756
20/11/2018 10:00	60	74	72	67	34	0.0	0.0	0.0	0.0	0	27	49	756
20/11/2018 10:15	52	66	62	53	46	0.0	0.0	0.0	0.0	0	27	47	756
20/11/2018 10:30	61	73	70	68	32	0.0	0.0	0.0	0.0	0	27	49	755
20/11/2018 10:45	59	71	69	64	43	0.0	0.0	0.0	0.0	0	28	49	755
20/11/2018 11:00	61	78	73	67	39	0.0	0.0	0.0	0.0	0	28	46	755
20/11/2018 11:15	52	70	67	48	38	0.0	0.0	0.0	0.0	0	27	48	755
20/11/2018 11:30	52	69	66	44	36	0.0	0.0	0.0	0.0	0	28	46	754
20/11/2018 11:45	56	70	68	54	31	0.0	0.0	0.0	0.0	0	29	43	754
20/11/2018 12:00	52	72	64	53	31	0.0	0.0	0.0	0.0	0	29	46	754
20/11/2018 12:15	61	86	72	45	30	0.0	0.0	0.0	0.0	0	29	45	754
20/11/2018 12:30	53	73											

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
21/11/2018 1:45	33	40	37	34	32	0.0	0.0	0.0	0	17	85	752	
21/11/2018 2:00	31	53	34	32	25	0.0	0.0	0.0	0	17	85	751	
21/11/2018 2:15	26	47	31	27	23	0.0	0.0	0.0	0	17	86	751	
21/11/2018 2:30	29	49	42	27	23	0.0	0.0	0.0	0	17	86	751	
21/11/2018 2:45	30	46	44	28	23	0.0	0.0	0.0	0	17	86	751	
21/11/2018 3:00	26	44	35	26	23	0.0	0.0	0.0	0	17	87	751	
21/11/2018 3:15	27	38	33	28	24	0.0	0.0	0.0	0	17	87	751	
21/11/2018 3:30	32	51	44	32	25	0.0	0.0	0.0	0	17	86	751	
21/11/2018 3:45	31	48	43	31	24	0.0	0.0	0.0	0	17	86	751	
21/11/2018 4:00	40	64	44	36	27	0.0	0.0	0.0	0	16	88	750	
21/11/2018 4:15	49	58	60	54	32	0.0	0.0	0.0	0	16	89	751	
21/11/2018 4:30	49	69	60	60	31	0.0	0.0	0.0	0	16	89	751	
21/11/2018 4:45	45	65	56	47	31	0.0	0.0	0.0	0	16	90	751	
21/11/2018 5:00	44	59	55	48	33	0.0	0.0	0.0	0	16	90	751	
21/11/2018 5:15	54	70	66	60	34	0.0	0.0	0.0	0	16	90	751	
21/11/2018 5:30	45	70	51	45	38	0.0	0.0	0.0	0	17	89	751	
21/11/2018 5:45	46	59	56	49	34	0.0	0.0	0.0	0	18	88	751	
21/11/2018 6:00	48	62	60	51	33	0.0	0.0	0.0	0	20	82	751	
21/11/2018 6:15	43	59	54	45	32	0.0	0.4	2.2	293	21	77	752	
21/11/2018 6:30	42	64	53	44	32	0.0	0.0	2.2	293	22	72	752	
21/11/2018 6:45	49	69	61	44	35	0.0	0.0	0.0	0	23	70	751	
21/11/2018 7:00	51	70	61	53	40	0.0	0.0	0.0	0	23	68	751	
21/11/2018 7:15	48	63	57	50	41	0.0	0.0	0.0	0	24	67	752	
21/11/2018 7:30	47	58	66	60	40	0.0	0.0	0.0	0	24	64	751	
21/11/2018 7:45	48	61	56	51	41	0.0	0.0	0.0	0	25	63	752	
21/11/2018 8:00	48	67	68	51	40	0.0	0.0	0.0	0	25	62	752	
21/11/2018 8:15	49	64	59	53	39	0.0	0.0	0.0	0	26	59	751	
21/11/2018 8:30	47	69	57	50	40	0.0	0.0	0.0	0	26	58	752	
21/11/2018 8:45	46	62	56	48	38	0.0	0.0	0.0	0	27	58	751	
21/11/2018 9:00	46	64	55	49	39	0.0	0.0	0.4	293	28	55	751	
21/11/2018 9:15	46	69	57	45	35	0.0	0.0	0.0	0	28	54	751	
21/11/2018 9:30	48	63	59	51	39	0.0	0.0	0.0	0	29	53	751	
21/11/2018 9:45	49	64	60	50	39	0.0	0.0	0.0	0	29	50	751	
21/11/2018 10:00	46	61	56	49	36	0.0	0.4	5.8	315	29	49	751	
21/11/2018 10:15	44	59	53	46	37	0.0	0.2	5.8	315	30	47	750	
21/11/2018 10:30	48	66	61	49	37	0.0	0.2	5.8	315	31	47	750	
21/11/2018 10:45	46	62	56	48	41	0.0	0.2	5.4	315	31	46	750	
21/11/2018 11:00	58	70	69	63	37	0.0	0.2	6.7	315	31	46	750	
21/11/2018 11:15	61	72	69	66	39	0.0	0.2	5.4	293	32	45	749	
21/11/2018 11:30	50	76	58	50	39	0.0	0.2	4.5	315	32	43	749	
21/11/2018 11:45	47	63	66	61	40	0.0	0.2	5.8	315	32	44	749	
21/11/2018 12:00	49	71	61	49	38	0.0	0.2	5.4	315	33	43	748	
21/11/2018 12:15	48	67	57	51	38	0.0	0.1	5.8	315	34	42	748	
21/11/2018 12:30	45	61	54	48	37	0.0	0.2	8.5	315	33	42	748	
21/11/2018 12:45	44	58	53	48	37	0.0	0.2	5.4	315	34	42	748	
21/11/2018 13:00	49	66	59	51	36	0.0	0.2	7.2	315	34	41	747	
21/11/2018 13:15	57	77	72	54	41	0.0	0.2	6.3	315	35	40	747	
21/11/2018 13:30	48	66	59	51	40	0.0	0.1	6.7	315	34	41	747	
21/11/2018 13:45	54	71	68	52	39	0.0	0.2	6.3	315	34	40	747	
21/11/2018 14:00	50	64	60	52	42	0.0	0.2	7.2	293	34	42	747	
21/11/2018 14:15	46	63	55	48	36	0.0	0.2	5.4	315	34	41	747	
21/11/2018 14:30	47	74	56	49	38	0.0	0.2	6.7	315	34	41	746	
21/11/2018 14:45	47	60	56	50	36	0.0	0.2	7.2	293	33	42	746	
21/11/2018 15:00	47	59	56	50	42	0.0	0.2	4.5	293	33	43	746	
21/11/2018 15:15	50	66	62	53	39	0.0	0.2	7.6	270	33	42	746	
21/11/2018 15:30	48	72	60	49	33	0.0	0.1	5.4	270	33	43	746	
21/11/2018 15:45	50	74	63	46	34	0.0	0.1	3.1	270	33	43	747	
21/11/2018 16:00	42	63	52	45	35	0.0	0.1	4.5	270	32	44	746	
21/11/2018 16:15	57	69	67	61	42	0.0	0.2	6.3	270	32	50	747	
21/11/2018 16:30	47	66	62	48	34	0.4	1.8	8.0	270	32	49	747	
21/11/2018 16:45	42	62	52	42	30	0.2	0.4	2.7	270	32	46	747	
21/11/2018 17:00	46	68	57	44	30	0.0	0.4	1.3	270	32	47	747	
21/11/2018 17:15	49	67	62	54	30	0.0	0.4	1.3	270	28	46	747	
21/11/2018 17:30	43	60	58	36	28	0.0	0.4	0.4	270	27	45	747	
21/11/2018 17:45	51	69	66	46	28	0.0	0.4	0.4	270	27	45	747	
21/11/2018 18:00	46	64	60	41	27	0.0	0.0	0	27	72	747		
21/11/2018 18:15	38	57	47	40	30	0.0	0.0	0.0	0	27	76	747	
21/11/2018 18:30	53	71	65	54	41	0.0	0.9	3.1	248	28	63	748	
21/11/2018 18:45	44	62	54	46	34	0.0	1.8	4.9	270	28	62	748	
21/11/2018 19:00	46	51	50	48	42	0.0	1.3	4.5	270	27	65	748	
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
21/11/2018 19:15	48	58	53	50	45	42	0.0	0.4	2.2	270	27	65	748
21/11/2018 19:30	48	59	53	48	42	0.0	0.4	1.3	270	27	66	749	
21/11/2018 19:45	45	58	54	47	39	0.0	0.9	3.1	270	27	66	749	
21/11/2018 20:00	46	64	57	48	32	0.0	1.3	4.5	270	26	68	749	
21/11/2018 20:15	40	53	51	42	32	0.0	0.4	1.8	270	25	74	749	
21/11/2018 20:30	46	64	61	45	33	0.0	0.9	2.2	270	25	76	749	
21/11/2018 20:45	40	54	52	38	31	0.0	0.9	2.2	270	25	76	749	
21/11/2018 21:00	49	69	63	49	31	0.0	0.4	2.2	270	25	76	749	
21/11/2018 21:15	44	57	55	49	30	0.0	0.0	0.9	270	25	78	749	
21/11/2018 21:30	45	57	54	49	31	0.0	0.0	0.0	0	24	81	749	
21/11/2018 21:45	46	54	60	48	43	0.2	0.0	0.4	270	24	82	749	
21/11/2018 22:00	42	61	60	45	37	0.6	0.0	0.4	270	23	86	760	
21/11/2018 22:15	47	58	53	52	35	0.2	0.4	0.9	270	23	86	749	
21/11/2018 22:30	48	54	54	54	31	0.0	0.0	1.3	270	23	86	749	
21/11/2018 22:45	45	55	55	53	29	0.0	0.0	0.4	270	22	91	749	
21/11/2018 23:00	46	56	55	51	30	0.0	0.0	0.9	270	22	91	749	
21/11/2018 23:15	42	49	48	48	28	0.0	0.4	1.3	270	22	90	749	
21/11/2018 23:30	50	56	56	55	30	0.0	0.4	1.3	270	22	90	749	
21/11/2018 23:45	51	57	56	56	32	0.2	0.4	1.3	270	23	89	748	
22/11/2018 0:00	51	56	56	55	32	0.0	0.9	1.8	270	23	89	748	
22/11/2018 0:15	50	56	56	55	32	0.0	0.9	1.8	270	23	89	748	
22/11/2018 0:30	51	56	56	56	32	0.0	0.9	2.2	293	23	89	748	
22/11/2018 0:45	52	58	56	56	32	0							

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
22/11/2018 12:45	47	59	55	50	40	0.0	2.2	5.8	270	25	66	747	
22/11/2018 13:00	49	65	58	51	43	0.0	2.2	7.2	270	26	62	747	
22/11/2018 13:15	47	63	58	49	40	0.0	2.2	4.9	270	26	60	747	
22/11/2018 13:30	45	65	57	45	35	0.0	1.8	5.8	270	27	59	746	
22/11/2018 13:45	47	58	55	50	41	0.0	2.7	7.2	270	28	59	746	
22/11/2018 14:00	52	76	60	53	42	0.0	2.2	7.6	270	28	56	746	
22/11/2018 14:15	49	60	57	53	43	0.0	3.1	7.2	270	29	53	746	
22/11/2018 14:30	48	60	58	51	40	0.0	2.7	6.7	270	29	52	746	
22/11/2018 14:45	44	55	51	47	40	0.0	2.7	5.8	270	29	51	746	
22/11/2018 15:00	47	62	55	50	38	0.0	2.2	4.9	270	29	51	746	
22/11/2018 15:15	46	62	58	48	38	0.0	2.7	8.9	270	29	51	745	
22/11/2018 15:30	47	68	67	48	38	0.0	2.2	6.4	270	29	50	745	
22/11/2018 15:45	44	57	50	47	36	0.0	1.8	4.9	270	29	49	745	
22/11/2018 16:00	45	62	54	48	40	0.0	2.2	7.2	270	30	49	745	
22/11/2018 16:15	53	74	65	56	40	0.0	2.7	6.3	270	30	47	745	
22/11/2018 16:30	55	77	66	57	39	0.0	2.2	6.3	270	30	46	745	
22/11/2018 16:45	49	66	60	51	39	0.0	2.2	6.3	270	30	44	745	
22/11/2018 17:00	48	61	56	51	41	0.0	2.2	7.2	270	30	45	746	
22/11/2018 17:15	45	56	53	48	39	0.0	2.7	7.6	270	29	44	746	
22/11/2018 17:30	43	58	51	46	35	0.0	2.2	4.9	270	29	41	746	
22/11/2018 17:45	41	71	47	40	34	0.0	1.8	4.9	270	29	44	746	
22/11/2018 18:00	60	86	71	54	35	0.0	0.4	2.2	270	28	45	746	
22/11/2018 18:15	48	61	61	51	37	0.0	0.9	2.2	270	27	45	746	
22/11/2018 18:30	40	52	46	42	37	0.0	0.9	3.1	270	27	46	746	
22/11/2018 18:45	43	53	51	46	39	0.0	1.3	4.5	270	27	46	747	
22/11/2018 19:00	47	60	67	50	41	0.0	0.9	2.7	270	26	46	747	
22/11/2018 19:15	47	55	52	50	42	0.0	0.9	1.8	270	26	47	747	
22/11/2018 19:30	49	67	62	51	36	0.0	0.4	1.3	270	25	46	747	
22/11/2018 19:45	47	67	58	50	35	0.0	0.4	1.3	270	25	49	747	
22/11/2018 20:00	40	51	48	45	33	0.0	0.4	1.3	270	25	49	748	
22/11/2018 20:15	44	64	56	43	33	0.0	0.4	0.9	270	24	50	748	
22/11/2018 20:30	47	63	58	50	34	0.0	0.0	1.3	270	24	51	748	
22/11/2018 20:45	41	58	51	42	35	0.0	0.0	0.9	270	24	52	748	
22/11/2018 21:00	38	49	44	41	32	0.0	0.0	1.3	270	24	51	748	
22/11/2018 21:15	47	58	57	53	32	0.0	0.0	0.9	270	23	51	748	
22/11/2018 21:30	46	55	55	51	32	0.0	0.0	0.4	270	23	52	748	
22/11/2018 21:45	46	60	55	50	33	0.0	0.0	0.9	270	23	51	749	
22/11/2018 22:00	46	58	56	50	32	0.0	0.0	0.4	270	23	51	748	
22/11/2018 22:15	48	63	58	53	31	0.0	0.0	1.3	270	23	51	748	
22/11/2018 22:30	50	75	59	54	31	0.0	0.4	1.3	270	23	51	749	
22/11/2018 22:45	43	66	66	40	30	0.0	0.4	1.3	270	22	52	749	
22/11/2018 23:00	44	59	56	46	30	0.0	0.4	1.3	270	22	53	749	
22/11/2018 23:15	42	56	53	46	28	0.0	0.4	1.3	270	22	54	749	
22/11/2018 23:30	43	64	55	46	28	0.0	0.0	0.9	270	21	54	749	
22/11/2018 23:45	42	55	54	46	27	0.0	0.4	1.3	270	21	55	749	
23/11/2018 0:00	40	54	53	37	27	0.0	0.4	0.9	270	21	55	749	
23/11/2018 0:15	41	58	54	41	27	0.0	0.4	1.3	270	20	54	749	
23/11/2018 0:30	44	66	57	40	27	0.0	0.4	1.3	270	20	51	749	
23/11/2018 0:45	37	55	51	33	27	0.0	0.4	1.3	270	20	50	749	
23/11/2018 1:00	34	59	45	32	27	0.0	0.4	1.3	270	20	48	748	
23/11/2018 1:15	40	57	54	37	27	0.0	0.9	1.8	270	20	47	748	
23/11/2018 1:30	34	57	40	33	27	0.0	0.9	1.8	270	20	47	748	
23/11/2018 1:45	34	55	43	36	27	0.0	0.4	1.3	270	20	47	748	
23/11/2018 2:00	32	41	41	36	26	0.0	0.9	2.2	270	20	48	748	
23/11/2018 2:15	41	60	55	33	23	0.0	0.4	1.8	270	19	47	748	
23/11/2018 2:30	35	53	50	34	23	0.0	0.4	1.3	270	19	46	748	
23/11/2018 2:45	39	54	53	39	22	0.0	0.4	1.3	270	19	45	749	
23/11/2018 3:00	43	55	54	47	23	0.0	0.4	1.3	270	18	43	748	
23/11/2018 3:15	46	57	57	51	23	0.0	0.0	1.3	270	18	42	748	
23/11/2018 3:30	44	56	49	23	0.0	0.0	0.9	270	18	41	748		
23/11/2018 3:45	44	56	56	50	24	0.0	0.0	0.9	270	18	41	749	
23/11/2018 4:00	49	65	59	54	26	0.0	0.0	0.4	270	17	44	749	
23/11/2018 4:15	45	57	55	50	28	0.0	0.0	0.9	270	17	46	749	
23/11/2018 4:30	47	67	58	50	31	0.0	0.0	0.9	248	16	49	749	
23/11/2018 4:45	46	69	56	48	32	0.0	0.0	0.0	0.0	15	49	749	
23/11/2018 5:00	47	72	56	46	31	0.0	0.0	0.0	0.0	0	54	749	
23/11/2018 5:15	42	66	52	44	30	0.0	0.0	0.0	0.0	0	14	749	
23/11/2018 5:30	42	56	53	45	32	0.0	0.0	0.0	0.0	0	14	61	
23/11/2018 5:45	44	62	55	46	32	0.0	0.0	0.0	0.0	0	15	69	
23/11/2018 6:00	42	59	53	45	30	0.0	0.0	0.0	0.0	0	16	47	
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
23/11/2018 6:15	44	60	57	47	30	0.0	0.0	0.4	270	18	41	750	
23/11/2018 6:30	49	65	61	51	30	0.0	0.0	0.4	270	20	39	750	
23/11/2018 6:45	49	62	58	51	30	0.0	0.0	0.9	270	21	39	750	
23/11/2018 7:00	57	67	64	62	47	0.0	0.4	2.2	270	21	35	750	
23/11/2018 7:15	54	66	65	59	32	0.0	1.3	3.1	270	22	31	750	
23/11/2018 7:30	46	65	56	48	34	0.0	1.8	3.6	270	22	30	750	
23/11/2018 7:45	50	68	63	56	33	0.0	1.3	4.0	270	22	29	750	
23/11/2018 8:00	43	60	53	45	34	0.0	1.8	3.6	270	23	28	750	
23/11/2018 8:15	48	70	60	47	34	0.0	1.8	4.5	270	24	27	750	
23/11/2018 8:30	45	60	53	48	40	0.0	2.2	5.4	270	24	24	750	
23/11/2018 8:45	46	60	54	49	39	0.0	2.7	5.8	270	24	24	750	
23/11/2018 8:59	56	66	69	62	43	0.0	2.7	7.2	270	24	24	750	
23/11/2018 9:15	51	65	63	53	42	0.0	2.2	7.6	270	25	24	750	
23/11/2018 9:30	51	67	59	54	43	0.0	2.2	10.7	270	25	24	750	
23/11/2018 9:45	52	67	60	55	46	0.0	3.1	8.0	270	25	23	749	
23/11/2018 10:00	56	78	65	59	49	0.0	2.7	8.0	270	25	22	749	
23/11/2018 10:15	54	73	63	56	47	0.0	3.1	8.0	270	26	22	749	
23/11/2018 10:30	55	71	63	57	48	0.0	3.6	10.3	270	26	24	749	
23/11/2018 10:45	59	74	67	63	50	0.0	3.6	9.4	270	26	22	749	
23/11/2018 11:00	57	74	68	60	47	0.0	3.1	7.6	270	27	23	749	
23/11/2018 11:15	53	65	61	57	47	0.0	2.7	9.4	270	27	22	749	
23/11/2018 11:30	58	74	65	59	48	0.0	2.7	10.7	270	27	21	748	
23/11													

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
23/11/2018 23:45	34	52	43	38	28	0.0	0.0	0.0	0.0	0	21	31	748
24/11/2018 0:00	29	47	37	31	24	0.0	0.0	0.0	0.0	0	21	31	747
24/11/2018 0:15	37	53	52	29	22	0.0	0.0	0.0	0.0	0	21	32	747
24/11/2018 0:30	41	60	55	35	22	0.0	0.0	0.0	0.0	0	21	33	747
24/11/2018 0:45	38	54	53	29	23	0.0	0.0	0.0	0.0	0	21	32	747
24/11/2018 1:00	33	49	40	35	30	0.0	0.0	0.0	0.0	0	21	31	747
24/11/2018 1:15	38	58	48	40	30	0.0	0.0	0.0	0.0	0	22	30	747
24/11/2018 1:30	35	52	48	35	28	0.0	0.0	0.0	0.0	0	21	31	747
24/11/2018 1:45	30	45	37	33	25	0.0	0.0	0.0	0.0	0	21	32	748
24/11/2018 2:00	37	53	51	34	26	0.0	0.0	0.0	0.0	0	21	32	747
24/11/2018 2:15	36	52	46	38	30	0.0	0.0	0.0	0.0	0	21	32	747
24/11/2018 2:30	37	50	44	39	33	0.0	0.0	0.0	0.0	0	21	31	747
24/11/2018 2:45	40	61	47	42	34	0.0	0.0	0.0	0.0	0	21	31	747
24/11/2018 3:00	30	50	46	42	36	0.0	0.0	0.0	0.0	0	21	31	747
24/11/2018 3:15	42	70	50	41	31	0.0	0.0	0.0	0.0	0	21	29	747
24/11/2018 3:30	41	55	53	44	30	0.0	0.0	0.0	0.0	0	21	29	747
24/11/2018 3:45	46	59	56	51	26	0.0	0.0	0.0	0.0	0	21	31	747
24/11/2018 4:00	47	58	56	52	28	0.0	0.0	0.0	0.0	0	20	32	747
24/11/2018 4:15	47	59	58	52	33	0.0	0.0	0.0	0.0	0	20	33	748
24/11/2018 4:30	48	61	58	53	31	0.0	0.0	0.0	0.0	0	19	34	748
24/11/2018 4:45	42	58	53	45	28	0.0	0.0	0.0	0.0	0	19	34	748
24/11/2018 5:00	40	64	52	42	26	0.0	0.9	2.7	270	19	34	748	
24/11/2018 5:15	40	56	52	43	28	0.0	0.4	1.8	270	19	34	749	
24/11/2018 5:30	43	59	55	45	31	0.0	0.0	0.0	0	0	18	38	749
24/11/2018 5:45	44	60	53	47	33	0.0	0.0	0.9	270	19	43	749	
24/11/2018 6:00	42	53	51	44	35	0.0	0.9	4.0	270	20	36	748	
24/11/2018 6:15	43	62	55	44	30	0.0	1.3	4.5	248	21	31	748	
24/11/2018 6:30	45	71	53	43	29	0.0	1.3	5.4	248	22	30	748	
24/11/2018 6:45	43	59	53	46	31	0.0	1.3	5.8	248	22	29	749	
24/11/2018 7:00	47	72	56	47	30	0.0	0.4	6.7	248	22	30	749	
24/11/2018 7:15	49	67	63	48	36	0.0	0.4	4.9	270	23	29	749	
24/11/2018 7:30	51	71	62	51	45	0.0	0.4	5.4	248	23	29	749	
24/11/2018 7:45	54	68	64	57	47	0.0	0.0	1.8	248	23	28	749	
24/11/2018 8:00	50	61	58	53	41	0.0	0.4	4.9	248	23	28	749	
24/11/2018 8:15	49	61	57	52	41	0.0	0.9	6.3	248	23	29	749	
24/11/2018 8:30	50	67	64	50	41	0.0	2.2	7.6	248	23	29	749	
24/11/2018 8:45	46	59	55	49	40	0.0	1.3	6.3	248	24	29	749	
24/11/2018 9:00	48	62	56	51	42	0.0	0.9	6.7	248	24	27	749	
24/11/2018 9:15	51	67	62	52	43	0.0	2.2	8.9	270	24	27	749	
24/11/2018 9:30	48	61	56	51	43	0.0	1.8	6.7	270	25	27	749	
24/11/2018 9:45	51	63	60	54	44	0.0	1.8	7.2	270	25	26	749	
24/11/2018 10:00	62	67	58	55	47	0.0	2.2	7.2	270	25	24	749	
24/11/2018 10:15	48	62	55	51	45	0.0	2.2	9.8	270	25	24	748	
24/11/2018 10:30	48	63	58	50	44	0.0	2.2	8.5	270	26	25	748	
24/11/2018 10:45	51	64	57	53	45	0.0	1.8	7.6	270	26	24	748	
24/11/2018 11:00	50	65	59	53	45	0.0	1.8	8.5	270	26	23	748	
24/11/2018 11:15	52	67	60	55	46	0.0	2.2	8.0	270	26	24	748	
24/11/2018 11:30	53	74	61	55	46	0.0	2.2	7.2	270	27	21	748	
24/11/2018 11:45	55	75	63	57	47	0.0	2.7	8.9	270	27	21	747	
24/11/2018 12:00	54	71	62	56	49	0.0	3.1	9.4	270	28	20	747	
24/11/2018 12:15	52	63	59	55	47	0.0	2.7	9.4	270	28	19	747	
24/11/2018 12:30	55	77	63	58	49	0.0	2.7	9.4	270	28	20	747	
24/11/2018 12:45	55	71	63	57	50	0.0	2.7	9.8	270	28	19	747	
24/11/2018 13:00	54	70	63	57	47	0.0	2.7	8.5	270	29	18	747	
24/11/2018 13:15	55	70	65	59	45	0.0	2.7	10.3	270	29	19	747	
24/11/2018 13:30	55	69	64	58	40	0.0	2.2	8.9	270	29	19	747	
24/11/2018 13:45	56	74	64	58	49	0.0	2.7	9.4	248	29	20	746	
24/11/2018 14:00	56	66	64	59	49	0.0	3.1	10.3	248	29	19	746	
24/11/2018 14:15	56	72	65	59	49	0.0	2.7	9.8	248	29	19	746	
24/11/2018 14:30	54	72	64	57	47	0.0	3.6	9.4	248	29	20	746	
24/11/2018 14:45	55	69	65	58	48	0.0	3.1	11.2	270	29	21	746	
24/11/2018 15:00	55	70	66	58	47	0.0	2.2	8.0	248	29	21	746	
24/11/2018 15:15	54	71	64	56	46	0.0	2.7	10.3	248	29	20	745	
24/11/2018 15:30	52	68	60	55	43	0.0	2.7	11.2	270	29	21	746	
24/11/2018 15:45	48	63	67	50	41	0.0	2.2	9.4	248	29	21	746	
24/11/2018 16:00	50	67	62	52	41	0.0	1.8	7.6	270	29	21	746	
24/11/2018 16:15	52	76	61	54	41	0.0	2.2	8.0	248	28	21	746	
24/11/2018 16:30	47	61	57	50	39	0.0	2.2	9.8	248	28	22	746	
24/11/2018 16:45	43	60	53	46	37	0.0	1.3	7.2	248	28	22	746	
24/11/2018 17:00	43	59	54	45	35	0.0	1.3	6.7	270	28	22	746	
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
24/11/2018 17:15	49	76	46	40	29	0.0	1.3	7.2	270	28	22	746	
24/11/2018 17:30	38	57	49	39	30	0.0	6.3	270	28	22	746		
24/11/2018 17:45	37	51	48	39	30	0.0	0.0	0.0	0	28	23	746	
24/11/2018 18:00	40	57	51	43	34	0.0	0.0	0.0	0	27	24	747	
24/11/2018 18:15	47	65	58	51	32	0.0	0.0	0.0	0	26	25	747	
24/11/2018 18:30	38	56	48	41	29	0.0	0.0	0.0	0	25	28	747	
24/11/2018 18:45	42	71	50	37	27	0.0	0.0	0.0	0	23	30	747	
24/11/2018 19:00	40	56	52	41	33	0.0	0.0	0.0	0	22	31	747	
24/11/2018 19:15	40	67	43	41	34	0.0	0.0	0.0	0	22	32	747	
24/11/2018 19:30	41	67	50	40	34	0.0	0.0	0.0	0	21	33	747	
24/11/2018 19:45	46	73	63	43	35	0.0	0.0	0.0	0	21	34	747	
24/11/2018 20:00	49	67	62	49	34	0.0	0.0	0.0	0	20	35	748	
24/11/2018 20:15	49	72	62	50	35	0.0	0.0	0.0	0	19	37	748	
24/11/2018 20:30	48	74	61	48	26	0.0	0.0	0.0	0	19	41	748	
24/11/2018 20:45	32	49	43	31	26	0.0	0.0	0.0	0	18	42	748	
24/11/2018 21:00	35	51	49	34	26	0.0	0.0	0.0	0	18	39	748	
24/11/2018 21:15	44	56	56	49	22	0.0	0.0	0.0	0	21	33	748	
24/11/2018 21:30	31	50	42	34	24	0.0	0.0	0.0	0	20	33	748	
24/11/2018 21:45	38	57	55	30	24	0.0	0.4	1.3	270	21	33	748	
24/11/2018 22:00	38	54	51	41	24	0.0	0.0	0.0	0	18	39	748	
24/11/2018 22:15	29	41	40	30	24	0.0	0.0	0.0	0	19	37	748	
24/11/20													

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
25/11/2018 10:45	45	59	55	49	36	0.0	1.8	7.2	270	30	23	746	
25/11/2018 11:00	45	66	53	48	38	0.0	0.9	5.4	270	31	23	746	
25/11/2018 11:15	51	70	61	54	39	0.0	2.7	8.0	270	31	23	745	
25/11/2018 11:30	46	59	56	50	37	0.0	1.8	7.6	270	31	23	745	
25/11/2018 11:45	49	65	60	52	40	0.0	2.2	5.4	270	32	24	745	
25/11/2018 12:00	46	60	55	48	39	0.0	1.3	4.9	270	32	25	745	
25/11/2018 12:15	45	56	54	47	37	0.0	2.7	6.7	248	32	26	744	
25/11/2018 12:30	43	56	52	46	35	0.0	1.3	3.8	248	32	25	744	
25/11/2018 12:45	44	61	54	46	37	0.0	1.8	4.9	270	32	26	744	
25/11/2018 13:00	51	67	59	54	43	0.0	2.2	5.4	270	33	27	744	
25/11/2018 13:15	48	65	67	61	39	0.0	1.8	5.8	248	33	26	743	
25/11/2018 13:30	43	59	60	46	37	0.0	1.8	6.3	248	32	26	743	
25/11/2018 13:45	44	58	53	47	36	0.0	1.8	5.4	248	32	27	743	
25/11/2018 14:00	46	61	54	50	36	0.0	1.8	5.4	248	32	27	743	
25/11/2018 14:15	46	62	52	49	41	0.0	1.8	6.3	248	32	28	743	
25/11/2018 14:30	45	61	55	47	37	0.0	2.2	6.7	248	32	28	743	
25/11/2018 14:45	48	61	56	51	41	0.0	1.8	5.8	248	32	27	743	
25/11/2018 15:00	42	54	51	46	34	0.0	1.8	6.7	248	30	30	743	
25/11/2018 15:15	48	73	56	49	42	0.0	1.8	4.5	248	31	29	742	
25/11/2018 15:30	49	60	55	51	46	0.0	2.2	5.4	248	31	30	743	
25/11/2018 15:45	50	62	55	54	45	0.0	1.3	4.9	248	31	31	743	
25/11/2018 16:00	51	67	57	55	42	0.0	1.8	6.3	248	30	32	742	
25/11/2018 16:15	43	60	52	46	35	0.0	0.9	6.4	248	30	32	742	
25/11/2018 16:30	40	53	49	42	34	0.0	1.3	4.9	248	31	32	742	
25/11/2018 16:45	45	72	54	44	32	0.0	1.3	4.5	248	30	32	742	
25/11/2018 17:00	40	59	62	41	28	0.0	0.9	3.6	248	29	33	742	
25/11/2018 17:15	36	53	46	39	28	0.0	0.4	2.2	248	29	34	742	
25/11/2018 17:30	53	67	64	58	31	0.0	0.4	3.1	270	29	33	742	
25/11/2018 17:45	46	62	58	47	27	0.0	0.4	1.3	270	28	40	742	
25/11/2018 18:00	46	67	59	47	27	0.0	0.0	1.8	270	27	49	742	
25/11/2018 18:15	44	58	56	48	29	0.0	0.0	0.4	270	26	47	743	
25/11/2018 18:30	49	72	59	50	33	0.0	0.0	0.4	270	25	47	743	
25/11/2018 18:45	49	68	60	51	34	0.0	0.0	0.0	0	25	50	743	
25/11/2018 19:00	47	72	48	46	43	0.0	0.0	0.0	0	25	49	743	
25/11/2018 19:15	46	55	53	48	39	0.0	0.0	0.0	0	24	54	743	
25/11/2018 19:30	48	51	50	49	48	0.0	0.0	0.9	270	24	49	743	
25/11/2018 19:45	44	49	49	47	38	0.0	0.0	0.4	270	24	51	743	
25/11/2018 20:00	42	62	46	44	35	0.0	0.0	0.4	270	24	50	743	
25/11/2018 20:15	42	52	49	45	35	0.0	0.0	0.0	0	24	54	743	
25/11/2018 20:30	41	45	45	44	33	0.0	0.0	0.0	0	23	53	744	
25/11/2018 20:45	42	59	49	44	32	0.0	0.0	0.0	0	22	60	744	
25/11/2018 21:00	40	51	47	44	30	0.0	0.0	0.0	0	21	62	744	
25/11/2018 21:15	36	54	46	38	30	0.0	0.0	0.0	0	21	62	744	
25/11/2018 21:30	45	67	56	40	30	0.0	0.0	0.4	270	20	65	744	
25/11/2018 21:45	37	44	43	41	29	0.0	0.0	0.0	0	20	63	744	
25/11/2018 22:00	38	45	43	42	30	0.0	0.0	0.0	0	20	63	744	
25/11/2018 22:15	38	45	43	42	30	0.0	0.0	1.3	248	19	66	744	
25/11/2018 22:30	38	50	43	41	30	0.0	0.0	0.4	270	19	69	744	
25/11/2018 22:45	40	54	50	42	30	0.0	0.0	0.4	270	19	64	744	
25/11/2018 23:00	38	44	43	41	29	0.0	0.0	0.4	270	19	67	744	
25/11/2018 23:15	38	49	44	42	29	0.0	0.0	0.4	270	19	68	744	
25/11/2018 23:30	43	58	56	43	28	0.0	0.0	0.4	270	18	69	744	
25/11/2018 23:45	40	57	54	42	28	0.0	0.0	0.4	270	18	70	744	
26/11/2018 0:00	41	57	54	42	27	0.0	0.4	1.3	270	18	74	744	
26/11/2018 0:15	35	53	42	40	27	0.0	0.0	0.4	270	17	72	744	
26/11/2018 0:30	43	56	55	47	27	0.0	0.0	0.0	0	17	73	744	
26/11/2018 0:45	40	56	54	40	26	0.0	0.0	0.0	0	16	76	743	
26/11/2018 1:00	42	55	55	41	26	0.0	0.0	0.0	0	16	77	743	
26/11/2018 1:15	39	56	53	40	25	0.0	0.0	0.0	0	16	77	743	
26/11/2018 1:30	43	56	55	44	24	0.0	0.0	0.4	270	16	78	743	
26/11/2018 1:45	34	50	44	40	24	0.0	0.0	0.4	270	15	80	743	
26/11/2018 2:00	38	51	44	40	25	0.0	0.0	0.4	270	15	81	743	
26/11/2018 2:15	38	55	52	39	24	0.0	0.0	0.0	0	15	81	743	
26/11/2018 2:30	33	49	41	39	25	0.0	0.0	0.4	270	15	79	743	
26/11/2018 2:45	36	48	45	39	24	0.0	0.4	0.9	270	15	80	743	
26/11/2018 3:00	44	57	56	49	23	0.0	0.0	0.4	270	15	78	743	
26/11/2018 3:15	47	57	57	53	24	0.0	0.0	0.0	0	14	81	743	
26/11/2018 3:30	49	58	50	54	26	0.0	0.0	0.0	0	13	84	743	
26/11/2018 3:45	49	58	58	55	25	0.0	0.0	0.0	0	13	86	744	
26/11/2018 4:00	52	76	60	54	28	0.0	0.0	0.0	0	13	86	744	

SITE ID

Noise Monitoring Data Sheet

Inland Rail

C2K_04

From	Tuesday 20/11/2018 14:00	Meas. Type	Free Field	Package	Calvert to Kaguru
To	Tuesday 27/11/2018 11:45	Mic. Height (m)	1.8	Address	871 Middle Road
Instrument Type	Rion NL-52	Weather Station	No	Suburb	Purga
Instrument Serial #	001265386	Operator	BR	Land Use	Residential
Inst. Cal. Date	12/5/2017	Sample Int.	15 min	Latitude	27°44'17.40"S
Pre Calibration	93.9	RP Lot#	N/A	Longitude	152°42'5.09"E
Post Calibration	93.8				

Daytime	Evening	Night
RBL 31.6 dB(A)	RBL 33.1 dB(A)	RBL 24.6 dB(A)
ABLs Day (Mon-Fri 7am - 6 pm)	ABLs Evening (Mon-Fri 6 pm - 10 pm)	ABLs Night (Mon - Thu, Sat - Sun 6pm - 7am)
ABLs Day (Sat 8 am - 1 pm)	ABLs Evening (Sat 1 pm - 10 pm)	ABLs Night (Fri 6pm - 8am)
	ABLs Evening (Sun 7 am - 10 pm)	
Tuesday 20/11/2018 33.7 dB(A)	Tuesday 20/11/2018 34.8 dB(A)	Tuesday 20/11/2018 28.8 dB(A)
Wednesday 21/11/2018 30.7 dB(A)	Wednesday 21/11/2018 33.1 dB(A)	Wednesday 21/11/2018 32.3 dB(A)
Thursday 22/11/2018 32.4 dB(A)	Thursday 22/11/2018 38.8 dB(A)	Thursday 22/11/2018 23.9 dB(A)
Friday 23/11/2018 33 dB(A)	Friday 23/11/2018 28.1 dB(A)	Friday 23/11/2018 <22 dB(A)
Saturday 24/11/2018 31.6 dB(A)	Saturday 24/11/2018 32.2 dB(A)	Saturday 24/11/2018 <22 dB(A)
	Sunday 25/11/2018 26.3 dB(A)	Sunday 25/11/2018 24.6 dB(A)
Monday 26/11/2018 25.1 dB(A)	Monday 26/11/2018 34.0 dB(A)	Monday 26/11/2018 26 dB(A)
Tuesday 27/11/2018 27.6 dB(A)		

Site Diagram - Diagram



Inland Rail

Project:60553814

 Future Freight
Integrating Community, Environment and Engineering

Site Attended Measurements Summary

Date	Start	Type	Measurement					Weather Conditions	Comply	End
			Lmax	L1	L10	L90	Leq			
Comments	20/11/2018	Attended	63.9	56.4	45.0	33.8	43.4		Pass	2:30 PM
		Logged	63.6	56.8	45.5	33.8	43.8			
		Difference	0.3	-0.4	-0.5	0.0	-0.4			
Background is Distant Traffic at 35 dB(A) and Natural Sources at 36-38 dB(A). Car pass-by at 47-55 dB(A), Wind Gusts at 52 dB(A), Insects at 38 dB(A), Aeroplane at 40-63 dB(A).										
Comments	27/11/2018	Attended	62.2	56.9	42.0	29.0	42.9		Pass	11:30 AM
		Logged	68.1	58.5	45.2	28.8	46.0			
		Difference	-5.9	-1.6	-3.2	0.2	-3.1			
Background is Natural Sources at 28-30 dB(A). Birds at 42-62 dB(A), Car pass-by at 40-58 dB(A), Aeroplane at 34-35 dB(A), Cow at 32 dB(A), Distant Traffic at 36 dB(A).										

Photos

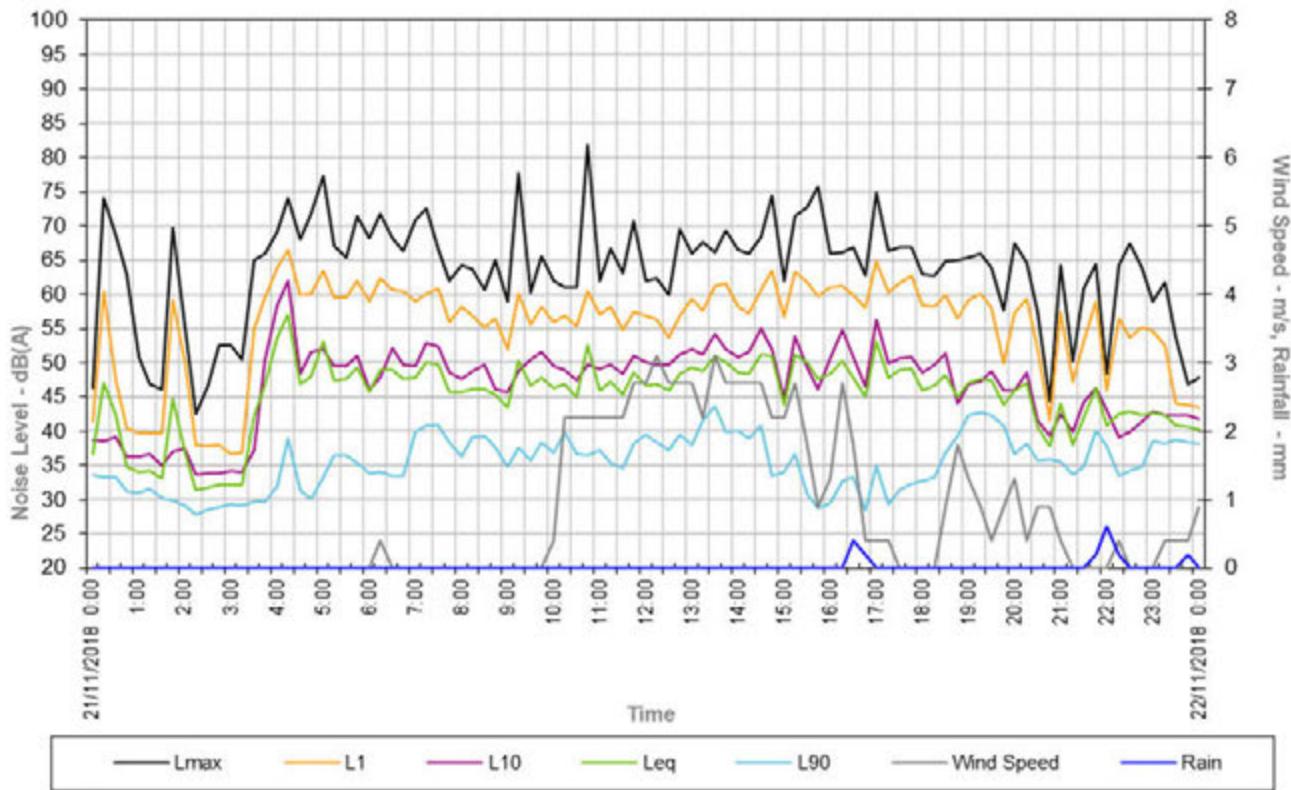
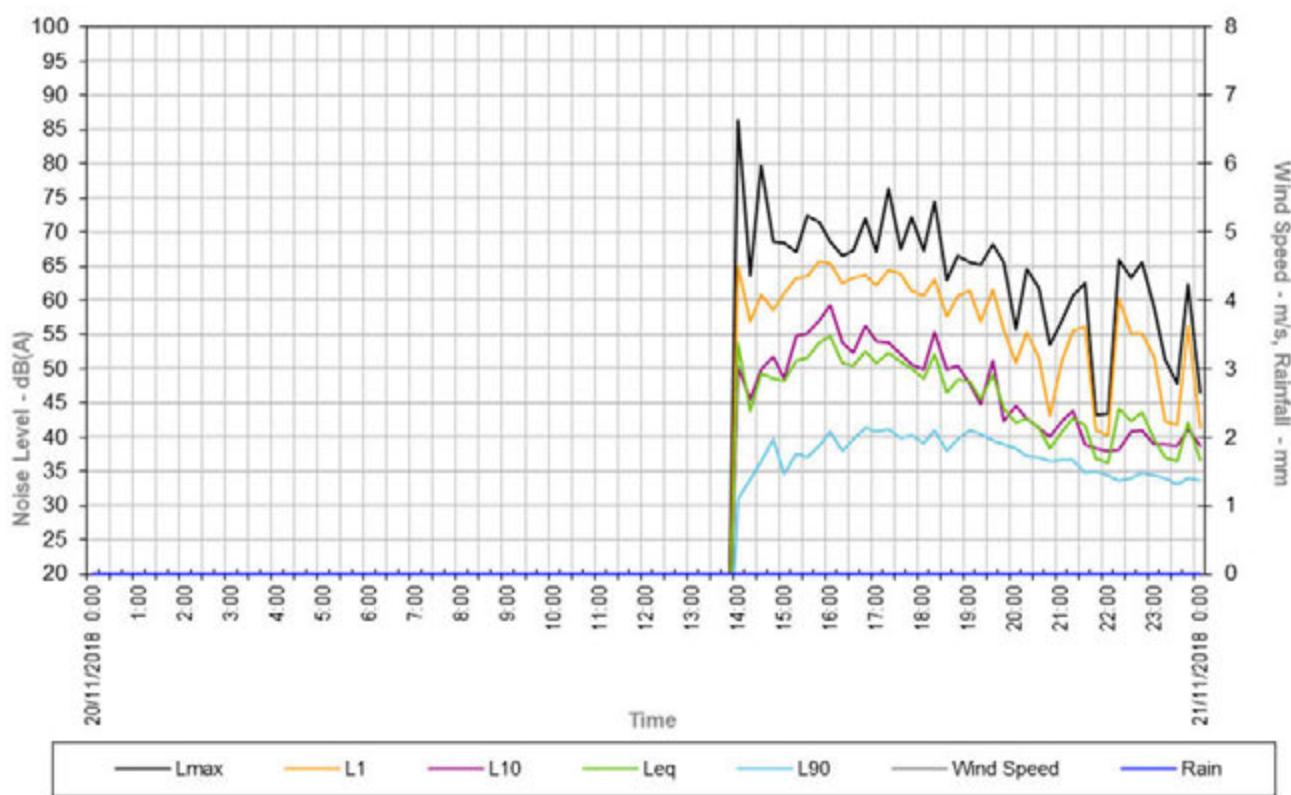


Inland Rail

Project:60553814

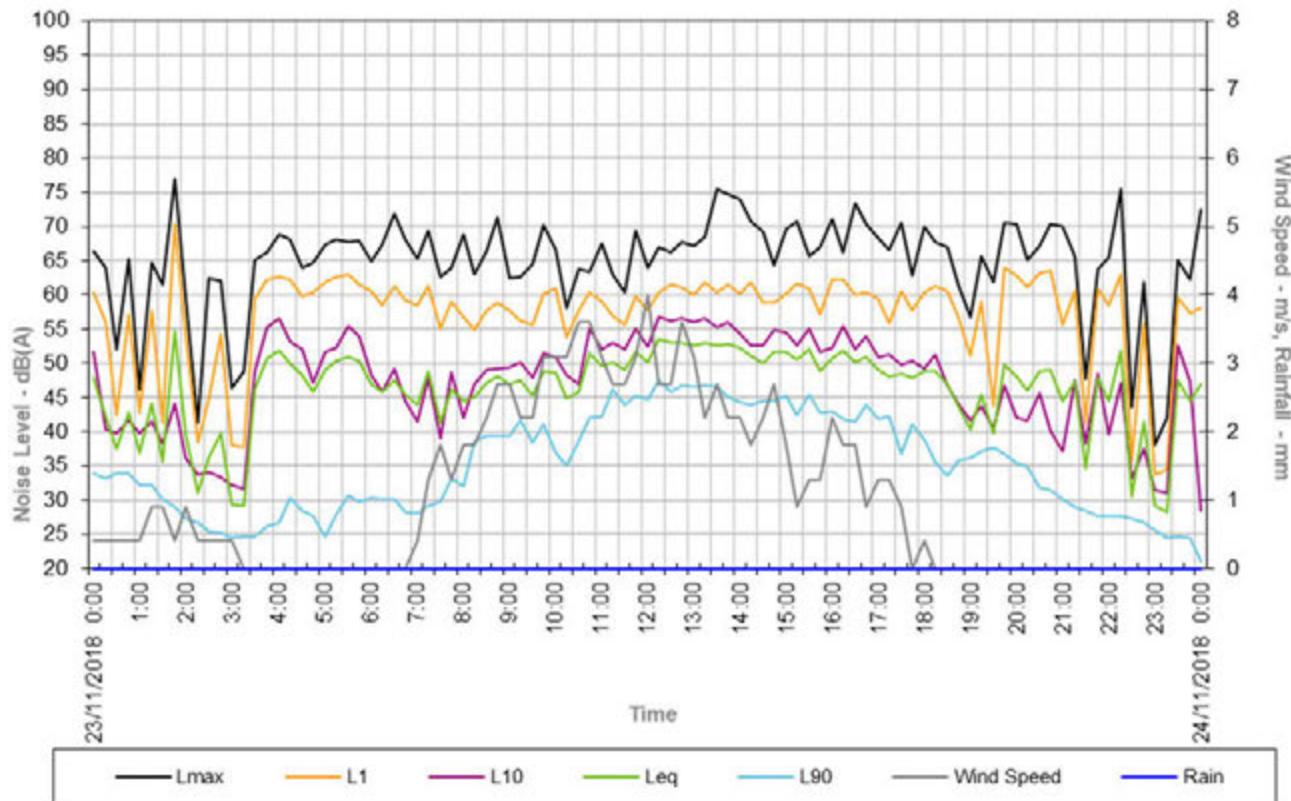
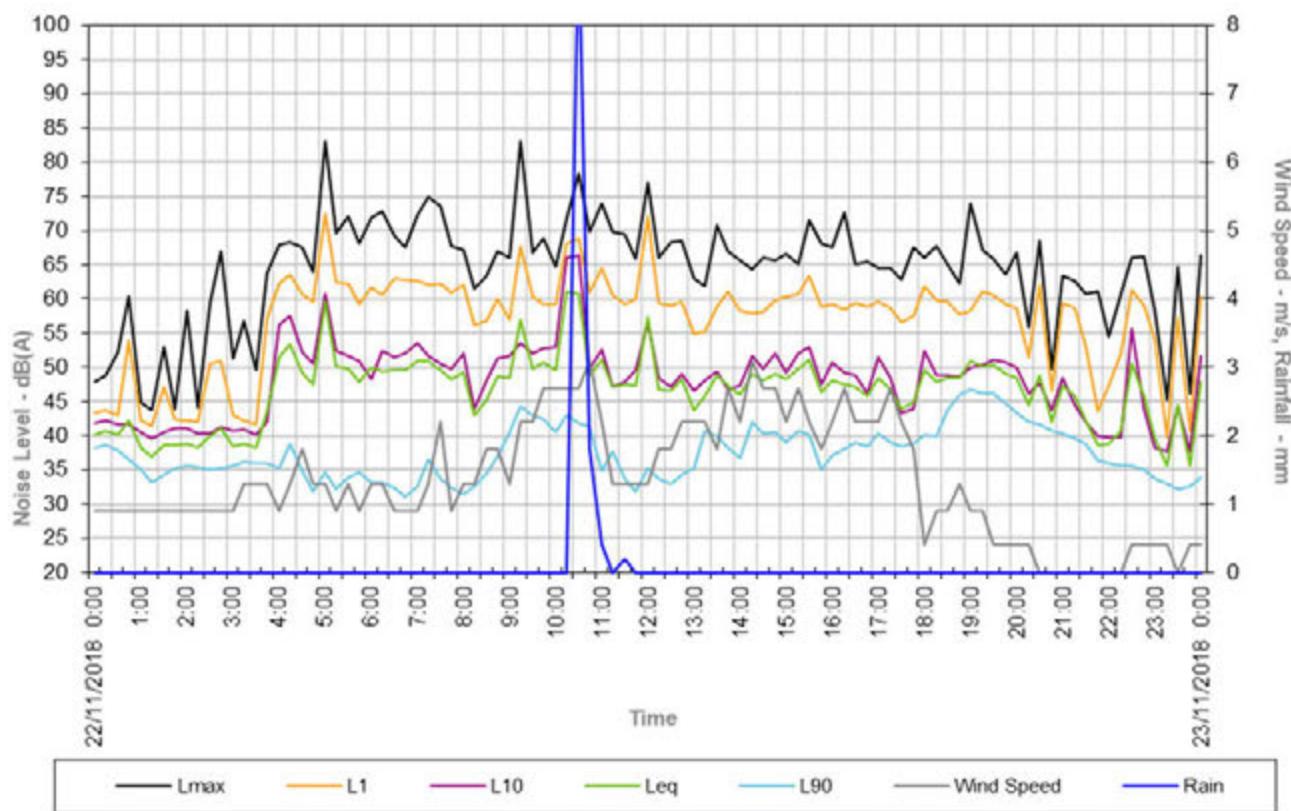
Site Noise and Weather Graphical Analysis

871 Middle Road



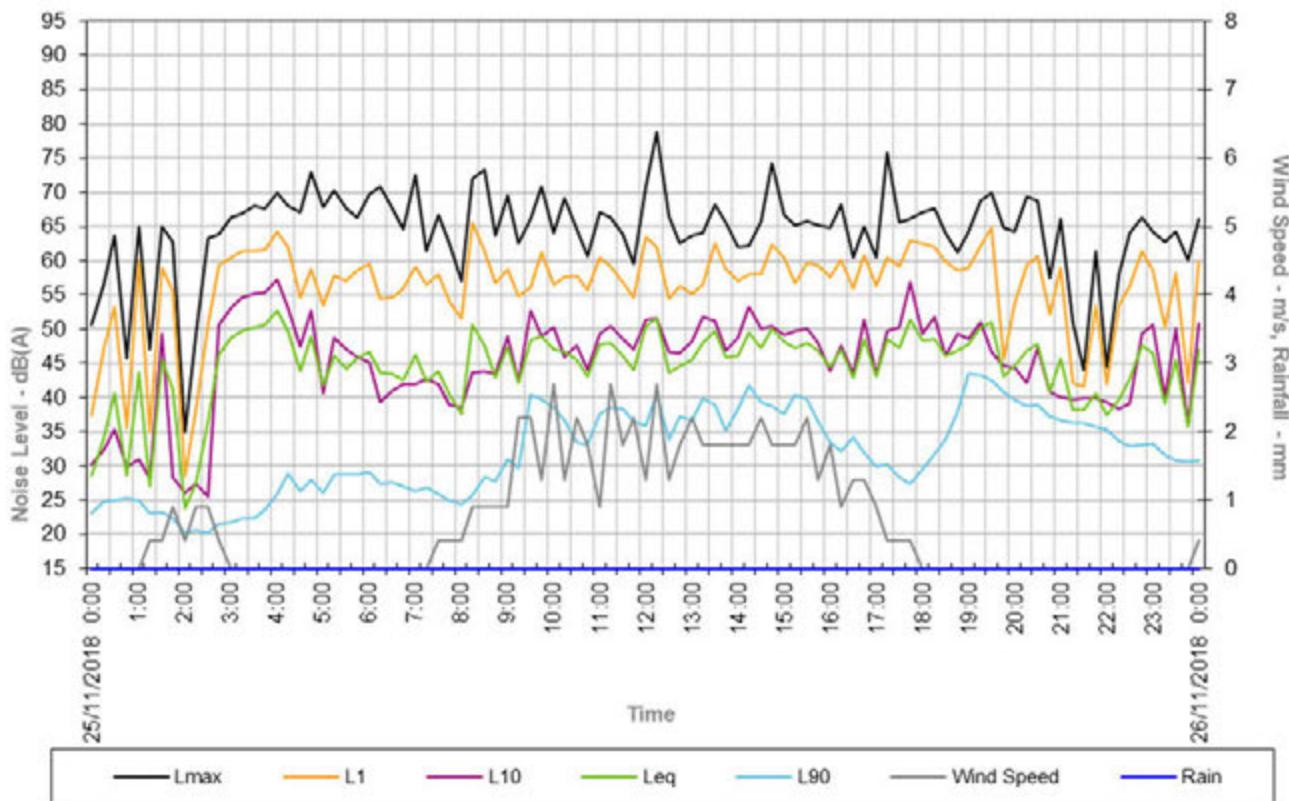
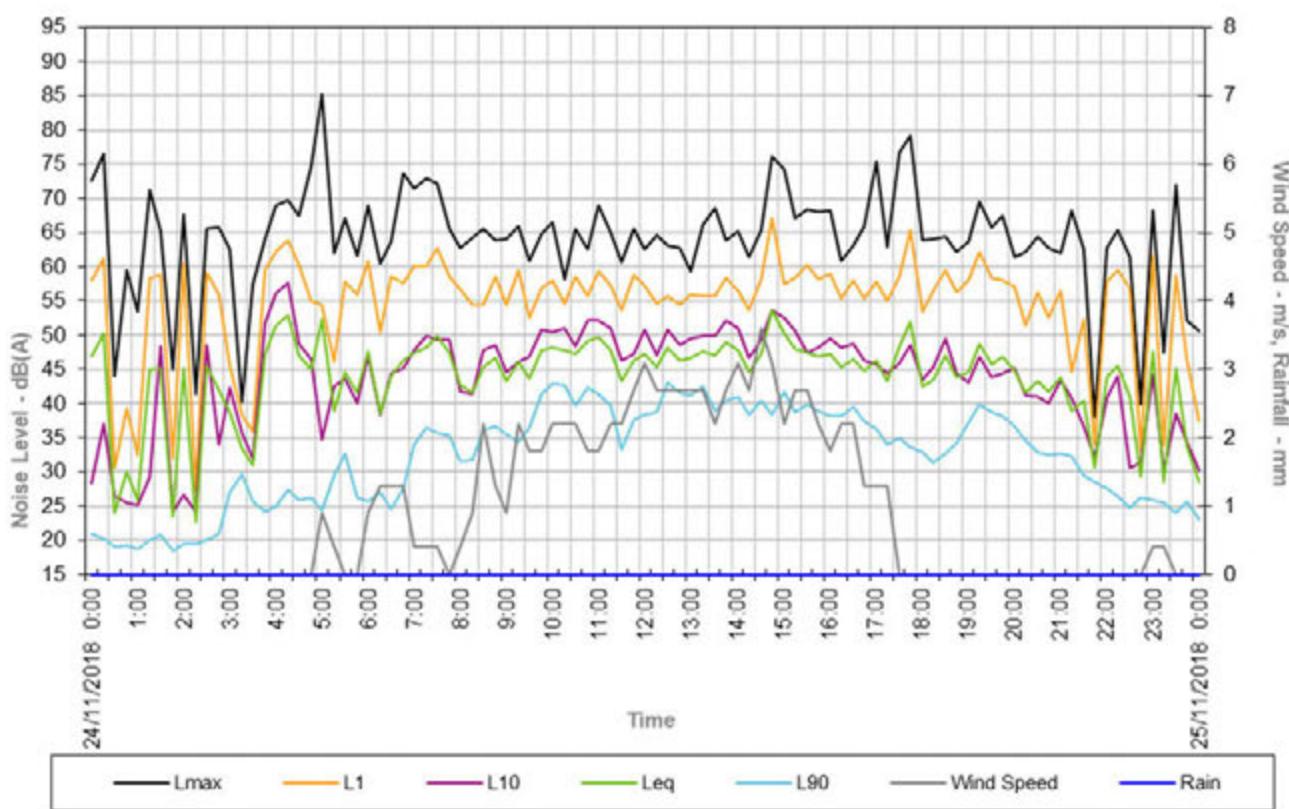
Site Noise and Weather Graphical Analysis

871 Middle Road



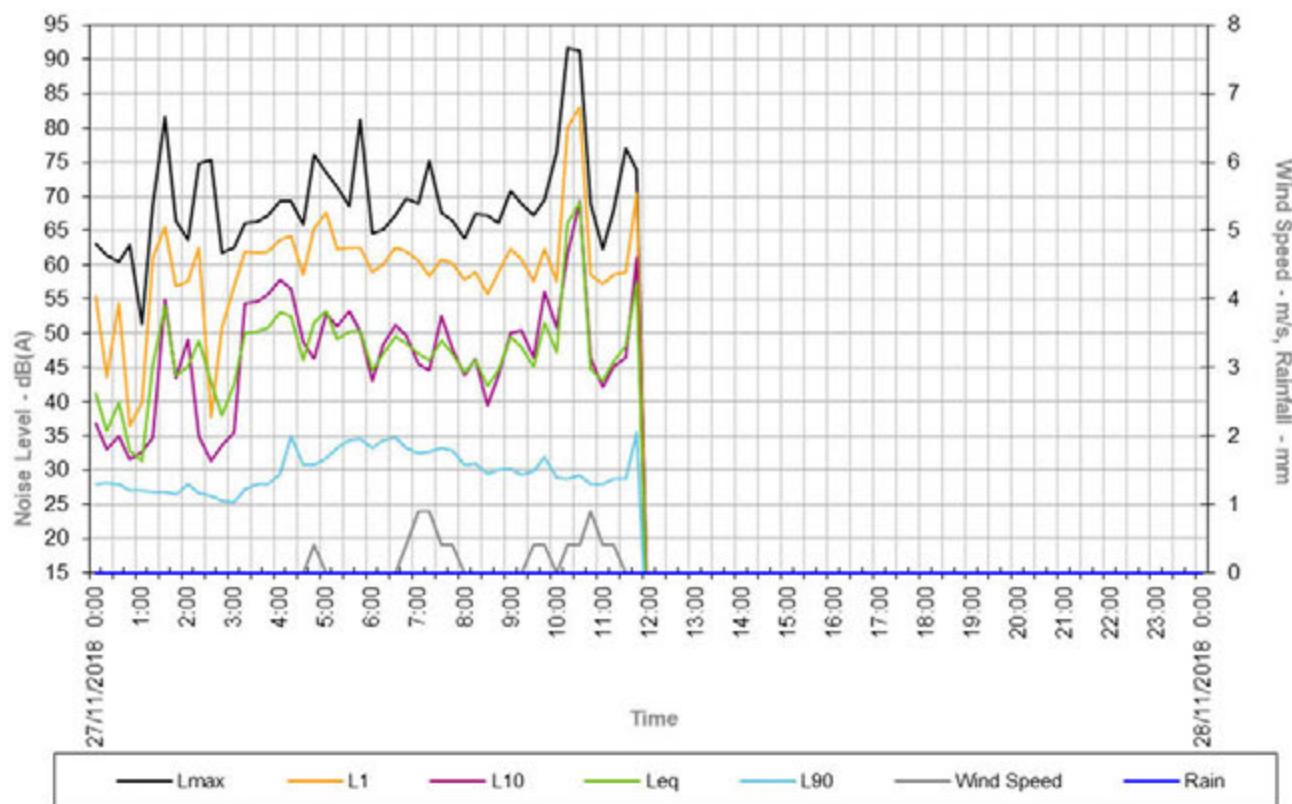
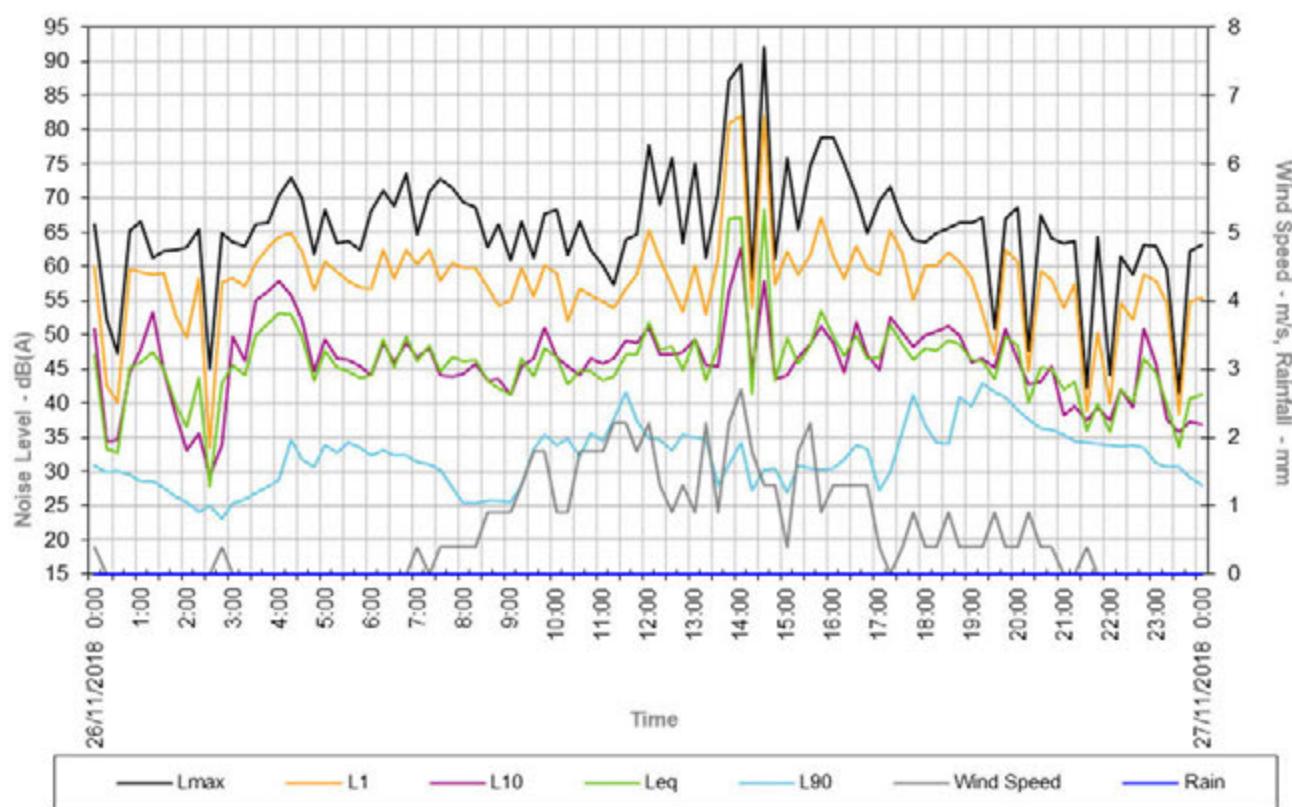
Site Noise and Weather Graphical Analysis

871 Middle Road



Site Noise and Weather Graphical Analysis

871 Middle Road



Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA50	Rain [mm]	Avg Wind speed [m/s]	Max Wind speed [m/s]	Wind Dir (°) North=0	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
20/11/2018 14:00	54	86	65	50	31	0.0	0.0	2.7	293	30	42	752	
20/11/2018 14:15	44	64	57	46	34	0.0	0.0	2.7	0	30	40	752	
20/11/2018 14:30	49	80	61	50	36	0.0	0.0	0.0	0	31	41	752	
20/11/2018 14:45	49	69	59	52	40	0.0	0.0	0.0	0	31	42	751	
20/11/2018 15:00	48	68	61	49	35	0.0	0.0	0.0	0	30	42	751	
20/11/2018 15:15	51	67	63	55	38	0.0	0.0	0.0	0	29	47	751	
20/11/2018 15:30	52	72	64	56	37	0.0	0.0	0.0	0	29	48	751	
20/11/2018 15:45	54	71	66	57	39	0.0	0.0	0.0	0	28	49	751	
20/11/2018 16:00	55	69	65	59	41	0.0	0.0	0.0	0	28	50	751	
20/11/2018 16:15	51	67	63	54	38	0.0	0.0	0.0	0	28	49	751	
20/11/2018 16:30	50	67	63	52	40	0.0	0.0	0.0	0	28	49	751	
20/11/2018 16:45	53	72	64	56	41	0.0	0.0	0.0	0	27	51	751	
20/11/2018 17:00	51	67	62	54	41	0.0	0.0	0.0	0	27	53	751	
20/11/2018 17:15	52	76	65	54	41	0.0	0.0	0.0	0	26	54	751	
20/11/2018 17:30	51	67	64	52	40	0.0	0.0	0.0	0	27	53	751	
20/11/2018 17:45	50	72	61	51	40	0.0	0.0	0.0	0	28	55	751	
20/11/2018 18:00	49	67	61	50	39	0.0	0.0	0.0	0	25	56	751	
20/11/2018 18:15	52	75	63	55	41	0.0	0.0	0.0	0	25	58	751	
20/11/2018 18:30	46	63	58	50	38	0.0	0.0	0.0	0	24	60	751	
20/11/2018 18:45	48	67	61	51	40	0.0	0.0	0.0	0	24	61	751	
20/11/2018 19:00	48	66	61	48	41	0.0	0.0	0.0	0	23	62	751	
20/11/2018 19:15	46	65	57	45	41	0.0	0.0	0.0	0	23	63	751	
20/11/2018 19:30	49	68	62	51	40	0.0	0.0	0.0	0	23	63	751	
20/11/2018 19:45	44	66	56	42	39	0.0	0.0	0.0	0	22	64	751	
20/11/2018 20:00	42	56	51	45	38	0.0	0.0	0.0	0	22	65	752	
20/11/2018 20:15	43	65	55	43	37	0.0	0.0	0.0	0	22	66	752	
20/11/2018 20:30	41	62	52	41	37	0.0	0.0	0.0	0	21	67	752	
20/11/2018 20:45	38	53	43	40	36	0.0	0.0	0.0	0	21	67	752	
20/11/2018 21:00	41	57	51	42	37	0.0	0.0	0.0	0	21	68	752	
20/11/2018 21:15	43	61	56	44	37	0.0	0.0	0.0	0	21	68	752	
20/11/2018 21:30	42	63	56	39	35	0.0	0.0	0.0	0	20	71	752	
20/11/2018 21:45	37	43	41	38	38	0.0	0.0	0.0	0	20	73	752	
20/11/2018 22:00	36	44	40	38	34	0.0	0.0	0.0	0	20	73	752	
20/11/2018 22:15	44	66	60	38	34	0.0	0.0	0.0	0	20	72	752	
20/11/2018 22:30	42	63	55	41	34	0.0	0.0	0.0	0	20	71	752	
20/11/2018 22:45	44	66	56	41	38	0.0	0.0	0.0	0	20	74	752	
20/11/2018 23:00	40	59	62	39	34	0.0	0.0	0.0	0	20	73	753	
20/11/2018 23:15	37	51	42	39	34	0.0	0.0	0.0	0	19	74	753	
20/11/2018 23:30	36	48	42	39	33	0.0	0.0	0.0	0	19	77	753	
20/11/2018 23:45	42	62	56	41	34	0.0	0.0	0.0	0	18	78	753	
21/11/2018 00:00	37	46	41	39	34	0.0	0.0	0.0	0	18	60	752	
21/11/2018 00:15	47	74	60	39	33	0.0	0.0	0.0	0	18	81	752	
21/11/2018 00:30	42	69	47	39	33	0.0	0.0	0.0	0	18	81	752	
21/11/2018 00:45	35	63	41	36	31	0.0	0.0	0.0	0	17	83	752	
21/11/2018 01:00	34	51	40	36	31	0.0	0.0	0.0	0	17	83	752	
21/11/2018 01:15	34	47	40	37	32	0.0	0.0	0.0	0	17	83	752	
21/11/2018 01:30	33	46	40	35	30	0.0	0.0	0.0	0	17	84	752	
21/11/2018 01:45	45	70	59	37	30	0.0	0.0	0.0	0	17	85	752	
21/11/2018 02:00	37	55	60	37	29	0.0	0.0	0.0	0	17	85	751	
21/11/2018 02:15	31	43	38	34	28	0.0	0.0	0.0	0	17	86	751	
21/11/2018 02:30	32	47	38	34	29	0.0	0.0	0.0	0	17	86	751	
21/11/2018 02:45	32	53	38	34	29	0.0	0.0	0.0	0	17	86	751	
21/11/2018 03:00	32	53	37	34	29	0.0	0.0	0.0	0	17	87	751	
21/11/2018 03:15	32	50	37	34	29	0.0	0.0	0.0	0	17	87	751	
21/11/2018 03:30	42	65	55	37	30	0.0	0.0	0.0	0	17	86	751	
21/11/2018 03:45	47	66	60	51	30	0.0	0.0	0.0	0	17	86	751	
21/11/2018 04:00	54	69	64	58	32	0.0	0.0	0.0	0	16	88	750	
21/11/2018 04:15	57	74	67	62	39	0.0	0.0	0.0	0	16	89	751	
21/11/2018 04:30	47	68	60	48	31	0.0	0.0	0.0	0	16	89	751	
21/11/2018 04:45	48	72	60	52	30	0.0	0.0	0.0	0	16	90	751	
21/11/2018 05:00	53	77	64	52	33	0.0	0.0	0.0	0	16	90	751	
21/11/2018 05:15	47	67	60	50	37	0.0	0.0	0.0	0	16	90	751	
21/11/2018 05:30	48	65	60	50	36	0.0	0.0	0.0	0	17	89	751	
21/11/2018 05:45	49	71	62	51	35	0.0	0.0	0.0	0	18	88	751	
21/11/2018 06:00	46	68	59	46	34	0.0	0.0	0.0	0	20	82	751	
21/11/2018 06:15	49	72	62	46	34	0.0	0.4	2.2	293	21	77	752	
21/11/2018 06:30	49	68	61	52	33	0.0	0.0	2.2	293	22	72	752	
21/11/2018 06:45	48	66	60	50	34	0.0	0.0	0.0	0	23	70	751	
21/11/2018 07:00	48	71	59	50	40	0.0	0.0	0.0	0	23	68	751	
21/11/2018 07:15	50	73	60	53	41	0.0	0.0	0.0	0	24	67	752	
21/11/2018 07:30	50	67	61	52	41	0.0	0.0	0.0	0	24	64	751	
21/11/2018 07:45	46	62	58	49	38	0.0	0.0	0.0	0	25	63	752	
21/11/2018 08:00	46	64	58	48	36	0.0	0.0	0.0	0	25	62	752	
21/11/2018 08:15	46	64	57	49	39	0.0	0.0	0.0	0	26	59	751	
21/11/2018 08:30	46	61	55	50	39	0.0	0.0	0.0	0	26	58	752	
21/11/2018 08:45	45	65	57	46	38	0.0	0.0	0.0	0	27	58	751	
21/11/2018 09:00	43	59	62	48	35	0.0	0.0	0.4	293	28	55	751	
21/11/2018 09:15	50	78	60	49	38	0.0	0.0	0.0	0	28	54	751	
21/11/2018 09:30	47	60	56	51	36	0.0	0.0	0.0	0	29	53	751	
21/11/2018 09:45	47	60	56	51	36	0.0	0.0	0.0	0	29	53	751	
21/11/2018 10:00	46	68	58	52	37	0.0	0.0	0.0	0	29	53	751	
21/11/2018 10:15	46	64	58	51	36	0.0	0.0	0.0	0	29	53	751	
21/11/2018 10:30	46	61	55	48	37	0.0	0.0	0.0	0	29	53	751	
21/11/2018 10:45	45	61	55	48	37	0.0	0.0	0.0	0	29	53	750	
21/11/2018 11:00	45	66	59	52	37	0.0	0.0	0.0	0	29	53	750	
21/11/2018 11:15	46	64	58	51	36	0.0	0.0	0.0	0	29	53	750	
21/11/2018 11:30	46	62	56	51	36	0.0	0.0	0.0	0	29	53	750	
21/11/2018 11:45	46	62	56	51	36	0.0	0.0	0.0	0	29	53	749	
21/11/2018 12:00	47	62	57	50	36	0.0	0.0	0.0	0	29	53	748	
21/11/2018 12:15	49	71	61	51	33	0.0	0.0	0.0	0	29	53	748	
21/11/2018 12:30	46	67	60	53	33	0.0	0.0	0.0	0	29	53	748	
21/11/2018 12:45	46	64	58	47	36	0.0	0.0	0.0	0	29	53	748	
21/11/2018 13:00	43	75	65	58	35	0.0	0.0	0.4	1.3	29	53	747	
21/11/2018 13:15	48	66	60	50	29	0.0	0.0	0.4	1.3	29	53	747	
21/11/2018 13:30	48												

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
22/11/2018 1:00	38	45	42	41	35	0.0	0.9	2.2	270	23	89	748	
22/11/2018 1:15	37	44	42	40	33	0.0	0.9	2.2	270	23	90	748	
22/11/2018 1:30	39	53	47	41	34	0.0	0.9	2.2	270	23	90	748	
22/11/2018 1:45	39	44	42	41	35	0.0	0.9	2.2	270	23	90	747	
22/11/2018 2:00	39	58	42	41	36	0.0	0.9	2.2	270	23	89	747	
22/11/2018 2:15	38	44	42	40	36	0.0	0.9	2.7	270	23	89	747	
22/11/2018 2:30	40	59	51	40	35	0.0	0.9	2.2	270	23	88	747	
22/11/2018 2:45	41	67	51	41	35	0.0	0.9	2.2	293	23	89	747	
22/11/2018 3:00	39	51	43	41	36	0.0	0.9	2.7	293	23	89	747	
22/11/2018 3:15	39	57	42	41	36	0.0	1.3	3.1	293	23	88	747	
22/11/2018 3:30	38	50	42	40	36	0.0	1.3	4.0	293	23	88	747	
22/11/2018 3:45	44	64	67	42	36	0.0	1.3	2.7	293	23	87	747	
22/11/2018 4:00	51	68	62	56	35	0.0	0.9	2.7	293	23	87	747	
22/11/2018 4:15	53	68	64	58	39	0.0	1.3	2.7	293	23	87	747	
22/11/2018 4:30	49	68	61	52	35	0.0	1.8	3.1	293	23	88	747	
22/11/2018 4:45	48	64	60	51	32	0.0	1.3	4.0	293	23	88	747	
22/11/2018 5:00	60	83	73	61	35	0.0	1.3	3.1	293	23	88	747	
22/11/2018 5:15	50	70	62	53	32	0.0	0.9	3.1	293	23	88	747	
22/11/2018 5:30	50	72	62	52	34	0.0	1.3	3.6	293	23	88	747	
22/11/2018 5:45	48	68	59	51	35	0.0	0.9	2.7	293	24	85	747	
22/11/2018 6:00	50	72	62	48	33	0.0	1.3	3.1	293	24	84	747	
22/11/2018 6:15	49	73	61	52	33	0.0	1.3	3.1	293	24	83	747	
22/11/2018 6:30	50	69	63	52	32	0.0	0.9	2.7	270	24	84	748	
22/11/2018 6:45	50	68	63	52	31	0.0	0.9	2.2	293	24	84	748	
22/11/2018 7:00	51	72	63	54	33	0.0	0.9	3.1	270	25	83	748	
22/11/2018 7:15	51	75	62	52	37	0.0	1.3	4.0	293	25	81	748	
22/11/2018 7:30	50	74	62	51	34	0.0	2.2	4.9	293	25	84	748	
22/11/2018 7:45	48	68	61	50	32	0.0	0.9	3.1	293	25	84	747	
22/11/2018 8:00	49	67	62	52	31	0.0	1.3	3.6	293	26	79	747	
22/11/2018 8:15	43	62	56	44	33	0.0	1.3	3.1	293	26	79	747	
22/11/2018 8:30	45	63	57	48	34	0.0	1.8	4.9	270	27	75	747	
22/11/2018 8:45	49	67	60	51	37	0.0	1.8	3.6	293	27	73	747	
22/11/2018 9:00	49	66	57	52	41	0.0	1.3	2.7	293	27	74	747	
22/11/2018 9:15	57	83	68	54	44	0.0	2.2	5.8	293	28	70	747	
22/11/2018 9:30	50	67	60	52	43	0.0	2.2	5.8	293	28	69	747	
22/11/2018 9:45	51	69	59	53	42	0.0	2.7	5.8	293	27	71	747	
22/11/2018 10:00	50	65	59	53	41	0.0	2.7	6.3	293	28	68	747	
22/11/2018 10:15	61	72	68	66	43	0.0	2.7	6.7	270	28	70	747	
22/11/2018 10:30	61	78	69	66	42	0.4	2.7	9.8	270	28	91	748	
22/11/2018 10:45	49	70	61	50	41	1.8	3.1	8.0	270	21	89	748	
22/11/2018 11:00	61	74	65	53	38	0.4	2.2	6.3	270	20	90	747	
22/11/2018 11:15	47	70	61	47	38	0.0	1.3	4.0	270	20	90	747	
22/11/2018 11:30	48	70	59	48	34	0.2	1.3	3.1	270	20	87	747	
22/11/2018 11:45	47	66	60	50	32	0.0	1.3	3.1	270	20	84	747	
22/11/2018 12:00	57	77	72	57	35	0.0	1.3	3.1	270	21	79	747	
22/11/2018 12:15	47	66	59	49	34	0.0	1.8	3.6	270	23	77	747	
22/11/2018 12:30	47	68	59	47	33	0.0	1.8	4.9	270	24	66	747	
22/11/2018 12:45	48	68	60	49	34	0.0	2.2	5.8	270	25	66	747	
22/11/2018 13:00	44	63	55	47	35	0.0	2.2	7.2	270	26	62	747	
22/11/2018 13:15	46	62	55	48	41	0.0	2.2	4.9	270	26	59	747	
22/11/2018 13:30	49	71	59	49	40	0.0	1.8	5.8	270	27	59	746	
22/11/2018 13:45	47	67	61	47	38	0.0	2.7	7.2	270	28	59	746	
22/11/2018 14:00	46	66	58	47	37	0.0	2.2	7.6	270	28	66	746	
22/11/2018 14:15	49	64	58	52	42	0.0	3.1	7.2	270	29	63	746	
22/11/2018 14:30	48	68	58	50	40	0.0	2.7	6.7	270	29	52	746	
22/11/2018 14:45	49	68	60	52	41	0.0	2.7	5.8	270	29	51	746	
22/11/2018 15:00	48	67	60	49	39	0.0	2.2	4.9	270	29	51	746	
22/11/2018 15:15	50	65	61	52	41	0.0	2.7	8.9	270	29	51	745	
22/11/2018 15:30	51	72	63	53	40	0.0	2.2	5.4	270	29	50	745	
22/11/2018 15:45	46	68	59	48	35	0.0	1.8	4.9	270	29	49	745	
22/11/2018 16:00	48	68	59	51	37	0.0	2.2	7.2	270	30	49	745	
22/11/2018 16:15	48	73	59	49	38	0.0	2.7	6.3	270	30	47	745	
22/11/2018 16:30	47	65	60	49	39	0.0	2.2	6.3	270	30	46	745	
22/11/2018 16:45	46	66	59	46	39	0.0	2.2	6.3	270	30	44	745	
22/11/2018 17:00	49	66	60	51	40	0.0	2.2	7.2	270	30	45	746	
22/11/2018 17:15	47	66	59	48	39	0.0	2.7	7.6	270	29	44	746	
22/11/2018 17:30	44	63	57	43	38	0.0	2.2	4.9	270	29	41	746	
22/11/2018 17:45	45	68	58	44	39	0.0	1.8	4.9	270	29	44	746	
22/11/2018 18:00	50	66	62	53	40	0.0	0.4	2.2	270	28	45	746	
22/11/2018 18:15	48	68	60	49	40	0.0	0.9	2.2	270	27	45	746	
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
22/11/2018 18:30	48	65	60	49	44	0.0	0.9	3.1	270	27	46	746	
22/11/2018 18:45	48	62	58	49	46	0.0	1.3	4.5	270	27	46	747	
22/11/2018 19:00	51	74	60	50	47	0.0	0.9	2.7	270	26	46	747	
22/11/2018 19:15	50	67	61	50	46	0.0	0.9	1.8	270	26	47	747	
22/11/2018 19:30	50	66	61	51	46	0.0	0.4	1.3	270	25	46	747	
22/11/2018 19:45	49	64	59	51	45	0.0	0.4	1.3	270	25	49	747	
22/11/2018 20:00	48	67	60	53	43	0.0	0.4	1.3	270	25	49	748	
22/11/2018 20:15	45	56	51	46	42	0.0	0.4	0.9	270	24	50	748	
22/11/2018 20:30	49	68	62	48	42	0.0	0.0	1.3	270	24	51	748	
22/11/2018 20:45	42	50	47	44	41	0.0	0.0	0.9	270	24	52	748	
22/11/2018 21:00	47	63	60	49	40	0.0	0.0	1.3	270	24	51	748	
22/11/2018 21:15	46	63	60	49	44	0.0	0.0	0.9	270	23	51	748	
22/11/2018 21:30	42	61	53	42	39	0.0	0.0	0.4	270	23	52	748	
22/11/2018 21:45	39	61	44	40	36	0.0	0.0	0.9	270	23	51	749	
22/11/2018 22:00	39	55	47	40	36	0.0	0.0	0.4	270	23	51	748	
22/11/2018 22:15	41	61	52	40	36	0.0	0.0	1.3	270	23	51	748	
22/11/2018 22:30	51	66	61	56	36	0.0	0.4	1.3	270	23	51	749	
22/11/2018 22:45	46	65	59	44	35	0.0	0.4	1.3	270	22	52	749	
22/11/2018 23:00	40	58	54	38	34	0.0	0.4	1.3	270	22	5		

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
23/11/2018 12:00	50	64	58	53	45	45	0.0	4.0	10.3	270	27	21	748
23/11/2018 12:15	54	67	60	57	48	48	0.0	2.7	7.6	270	28	21	748
23/11/2018 12:30	53	66	62	56	46	46	0.0	2.7	8.9	270	28	22	748
23/11/2018 12:45	53	68	61	57	47	47	0.0	3.6	9.4	270	28	23	748
23/11/2018 13:00	53	67	60	56	47	47	0.0	3.1	12.5	270	28	22	748
23/11/2018 13:15	53	68	62	57	47	47	0.0	2.2	9.8	270	28	24	747
23/11/2018 13:30	53	76	60	55	47	47	0.0	2.7	9.4	270	28	23	747
23/11/2018 13:45	53	75	62	56	45	45	0.0	2.2	10.7	270	28	24	747
23/11/2018 14:00	52	74	60	54	44	44	0.0	2.2	10.3	270	28	23	747
23/11/2018 14:15	51	71	62	53	44	44	0.0	1.8	8.5	270	28	24	747
23/11/2018 14:30	50	69	59	53	45	45	0.0	2.2	8.6	248	28	25	747
23/11/2018 14:45	52	64	69	55	45	45	0.0	2.7	9.8	270	28	25	747
23/11/2018 15:00	52	70	60	55	45	45	0.0	1.8	6.7	248	28	25	748
23/11/2018 15:15	51	71	62	53	43	43	0.0	0.9	8.0	270	28	24	747
23/11/2018 15:30	52	66	61	55	45	45	0.0	1.3	8.7	248	28	24	748
23/11/2018 15:45	49	67	57	52	43	43	0.0	1.3	7.2	270	28	24	748
23/11/2018 16:00	51	71	62	52	43	43	0.0	2.2	11.6	270	28	25	748
23/11/2018 16:15	52	66	62	55	42	42	0.0	1.8	6.3	248	28	24	748
23/11/2018 16:30	50	73	60	52	41	41	0.0	1.8	8.5	248	28	23	747
23/11/2018 16:45	51	70	60	54	44	44	0.0	0.9	7.8	248	28	23	747
23/11/2018 17:00	49	68	60	51	42	42	0.0	1.3	5.8	270	27	23	747
23/11/2018 17:15	48	67	56	51	42	42	0.0	1.3	5.4	270	27	24	747
23/11/2018 17:30	49	71	61	50	37	37	0.0	0.9	4.8	270	27	23	747
23/11/2018 17:45	48	63	68	50	41	41	0.0	0.0	4.9	270	27	24	747
23/11/2018 18:00	49	70	60	49	39	39	0.0	0.4	4.6	270	28	26	747
23/11/2018 18:15	49	68	61	51	36	36	0.0	0.0	3.6	270	25	26	747
23/11/2018 18:30	47	67	61	47	34	34	0.0	0.0	4.5	270	25	26	747
23/11/2018 18:45	44	62	57	44	36	36	0.0	0.0	0.0	0	25	27	747
23/11/2018 19:00	40	57	51	42	36	36	0.0	0.0	0.0	0	24	27	747
23/11/2018 19:15	45	66	59	44	37	37	0.0	0.0	0.0	0	24	28	747
23/11/2018 19:30	40	62	44	41	38	38	0.0	0.0	0.0	0	24	28	748
23/11/2018 19:45	50	71	64	47	37	37	0.0	0.0	0.0	0	23	29	748
23/11/2018 20:00	48	70	63	42	36	36	0.0	0.0	0.0	0	23	29	748
23/11/2018 20:15	46	65	61	42	35	35	0.0	0.0	0.0	0	23	30	748
23/11/2018 20:30	49	67	63	46	32	32	0.0	0.0	0.0	0	23	30	748
23/11/2018 20:45	49	70	64	40	31	31	0.0	0.0	0.0	0	22	31	748
23/11/2018 21:00	44	70	56	37	30	30	0.0	0.0	0.0	0	22	32	748
23/11/2018 21:15	47	66	61	48	29	29	0.0	0.0	0.0	0	22	31	748
23/11/2018 21:30	35	48	41	38	28	28	0.0	0.0	0.0	0	22	32	748
23/11/2018 21:45	48	64	61	49	28	28	0.0	0.0	0.0	0	21	32	748
23/11/2018 22:00	44	66	59	40	28	28	0.0	0.0	0.0	0	21	32	748
23/11/2018 22:15	52	76	63	47	28	28	0.0	0.0	0.0	0	22	31	748
23/11/2018 22:30	31	44	36	33	27	27	0.0	0.0	0.0	0	21	33	748
23/11/2018 22:45	41	62	56	38	27	27	0.0	0.0	0.0	0	20	34	748
23/11/2018 23:00	29	38	34	32	26	26	0.0	0.0	0.0	0	21	32	748
23/11/2018 23:15	28	42	34	31	24	24	0.0	0.0	0.0	0	22	30	748
23/11/2018 23:30	48	65	60	53	25	25	0.0	0.0	0.0	0	22	30	748
23/11/2018 23:45	44	62	57	47	24	24	0.0	0.0	0.0	0	21	31	748
24/11/2018 0:00	47	73	58	28	21	21	0.0	0.0	0.0	0	21	31	747
24/11/2018 0:15	50	77	61	37	20	20	0.0	0.0	0.0	0	21	32	747
24/11/2018 0:30	24	44	31	26	19	19	0.0	0.0	0.0	0	21	33	747
24/11/2018 0:45	30	60	39	26	19	19	0.0	0.0	0.0	0	21	32	747
24/11/2018 1:00	26	54	33	26	19	19	0.0	0.0	0.0	0	21	31	747
24/11/2018 1:15	45	71	58	29	20	20	0.0	0.0	0.0	0	22	30	747
24/11/2018 1:30	45	65	59	48	21	21	0.0	0.0	0.0	0	21	31	747
24/11/2018 1:45	24	45	32	24	19	19	0.0	0.0	0.0	0	21	32	747
24/11/2018 2:00	45	68	60	27	19	19	0.0	0.0	0.0	0	21	32	747
24/11/2018 2:15	23	41	27	24	20	20	0.0	0.0	0.0	0	21	32	747
24/11/2018 2:30	46	66	59	49	20	20	0.0	0.0	0.0	0	21	31	747
24/11/2018 2:45	42	66	56	34	21	20	0.0	0.0	0.0	0	21	31	747
24/11/2018 3:00	39	63	46	42	27	20	0.0	0.0	0.0	0	21	31	747
24/11/2018 3:15	34	40	38	36	30	20	0.0	0.0	0.0	0	21	29	747
24/11/2018 3:30	31	58	36	32	26	20	0.0	0.0	0.0	0	21	29	747
24/11/2018 3:45	47	64	60	52	24	20	0.0	0.0	0.0	0	21	31	747
24/11/2018 4:00	51	69	62	56	26	20	0.0	0.0	0.0	0	20	33	748
24/11/2018 4:15	53	70	64	68	27	20	0.0	0.0	0.0	0	20	33	748
24/11/2018 4:30	47	67	60	49	26	20	0.0	0.0	0.0	0	19	34	748
24/11/2018 4:45	45	75	55	46	26	20	0.0	0.0	0.0	0	19	37	748
24/11/2018 5:00	52	85	55	35	24	20	0.0	0.9	2.7	270	19	34	748
24/11/2018 5:15	39	62	46	43	29	20	0.0	0.4	1.8	270	19	34	748

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
24/11/2018 23:00	48	68	62	44	26	0.0	0.4	1.3	270	21	33	748	
24/11/2018 23:15	29	47	34	30	26	0.0	0.4	0.9	270	21	34	747	
24/11/2018 23:30	45	72	59	39	24	0.0	0.0	0.4	270	21	34	747	
24/11/2018 23:45	34	52	47	34	26	0.0	0.0	0.0	0	21	33	747	
25/11/2018 0:00	29	51	37	30	23	0.0	0.0	0.0	0	22	32	747	
25/11/2018 0:15	34	57	47	32	25	0.0	0.0	0.0	0	22	32	747	
25/11/2018 0:30	41	64	53	35	25	0.0	0.0	0.0	0	21	34	746	
25/11/2018 0:45	29	46	36	30	25	0.0	0.0	0.0	0	21	33	746	
25/11/2018 1:00	44	65	60	31	25	0.0	0.0	1.3	270	22	33	746	
25/11/2018 1:15	27	47	35	28	23	0.0	0.4	1.8	270	22	30	746	
25/11/2018 1:30	46	65	59	49	23	0.0	0.4	1.3	270	21	31	746	
25/11/2018 1:45	41	63	66	28	22	0.0	0.9	2.7	270	22	31	746	
25/11/2018 2:00	24	35	29	26	20	0.0	0.4	3.1	270	22	30	746	
25/11/2018 2:15	28	49	38	28	21	0.0	0.9	1.8	270	22	31	746	
25/11/2018 2:30	37	63	51	26	20	0.0	0.9	4.0	270	22	31	746	
25/11/2018 2:45	46	64	59	51	22	0.0	0.4	2.2	270	22	30	746	
25/11/2018 3:00	49	66	61	53	22	0.0	0.0	2.2	270	22	31	746	
25/11/2018 3:15	50	67	61	55	22	0.0	0.0	0.0	0	21	32	746	
25/11/2018 3:30	50	68	62	55	22	0.0	0.0	0.0	0	20	35	746	
25/11/2018 3:45	51	68	62	55	24	0.0	0.0	0.0	0	19	37	746	
25/11/2018 4:00	53	70	64	57	28	0.0	0.0	0.0	0	20	35	746	
25/11/2018 4:15	50	68	62	53	29	0.0	0.0	0.0	0	18	37	746	
25/11/2018 4:30	44	67	55	47	26	0.0	0.0	0.0	0	19	36	746	
25/11/2018 4:45	49	73	59	53	28	0.0	0.0	0.0	0	20	36	747	
25/11/2018 5:00	42	68	53	41	28	0.0	0.0	0.0	0	19	45	747	
25/11/2018 5:15	46	70	58	49	29	0.0	0.0	0.0	0	18	48	747	
25/11/2018 5:30	44	68	57	47	29	0.0	0.0	0.0	0	16	50	747	
25/11/2018 5:45	46	66	59	46	29	0.0	0.0	0.0	0	17	57	747	
25/11/2018 6:00	47	70	60	45	29	0.0	0.0	0.0	0	18	47	747	
25/11/2018 6:15	44	71	54	39	27	0.0	0.0	0.0	0	19	45	747	
25/11/2018 6:30	43	68	55	41	28	0.0	0.0	0.0	0	19	49	747	
25/11/2018 6:45	43	65	56	42	27	0.0	0.0	0.0	0	20	47	747	
25/11/2018 7:00	46	73	59	42	26	0.0	0.0	0.0	0	22	42	747	
25/11/2018 7:15	42	61	57	43	27	0.0	0.1	1.8	293	24	35	747	
25/11/2018 7:30	44	67	58	42	26	0.0	0.4	1.8	293	25	34	747	
25/11/2018 7:45	41	63	54	39	25	0.0	0.4	1.3	270	26	32	747	
25/11/2018 8:00	38	57	52	39	24	0.0	0.4	2.2	270	27	31	747	
25/11/2018 8:15	51	72	66	44	26	0.0	0.9	2.7	270	27	25	747	
25/11/2018 8:30	48	73	61	44	28	0.0	0.9	3.1	270	27	25	747	
25/11/2018 8:45	43	64	57	43	28	0.0	0.9	2.7	270	27	28	747	
25/11/2018 9:00	48	70	59	49	31	0.0	0.9	3.6	270	28	26	747	
25/11/2018 9:15	42	63	56	42	30	0.0	2.2	5.4	270	28	25	747	
25/11/2018 9:30	48	66	56	53	41	0.0	2.2	5.8	270	29	24	747	
25/11/2018 9:45	49	71	61	49	40	0.0	1.3	6.7	270	29	24	747	
25/11/2018 10:00	47	64	57	50	39	0.0	2.7	7.2	270	30	24	747	
25/11/2018 10:15	47	69	58	46	37	0.0	1.3	6.3	270	30	23	746	
25/11/2018 10:30	46	65	58	48	33	0.0	2.2	7.2	270	30	22	746	
25/11/2018 10:45	43	61	56	44	33	0.0	1.8	7.2	270	30	23	746	
25/11/2018 11:00	48	67	60	49	38	0.0	0.9	5.4	270	31	23	746	
25/11/2018 11:15	48	66	59	50	39	0.0	2.7	8.0	270	31	23	745	
25/11/2018 11:30	46	64	57	49	38	0.0	1.8	7.6	270	31	23	745	
25/11/2018 11:45	44	60	55	47	36	0.0	2.2	5.4	270	32	24	745	
25/11/2018 12:00	50	71	64	51	36	0.0	1.3	4.9	270	32	25	745	
25/11/2018 12:15	52	79	62	52	41	0.0	2.7	6.7	248	32	26	744	
25/11/2018 12:30	44	67	54	47	34	0.0	1.3	3.6	248	32	25	744	
25/11/2018 12:45	45	63	56	47	37	0.0	1.8	4.9	270	32	26	744	
25/11/2018 13:00	46	64	55	48	37	0.0	2.2	5.4	270	33	27	744	
25/11/2018 13:15	48	64	57	52	40	0.0	1.8	5.8	248	33	26	743	
25/11/2018 13:30	50	68	63	51	39	0.0	1.8	6.3	248	32	26	743	
25/11/2018 13:45	46	66	59	47	35	0.0	1.8	5.4	248	32	27	743	
25/11/2018 14:00	46	62	57	49	38	0.0	1.8	5.4	248	32	27	743	
25/11/2018 14:15	50	62	58	53	42	0.0	1.8	6.3	248	32	28	743	
25/11/2018 14:30	47	66	58	50	39	0.0	2.2	6.7	248	32	28	743	
25/11/2018 14:45	50	74	62	50	39	0.0	1.8	5.8	248	32	27	743	
25/11/2018 15:00	48	67	61	49	38	0.0	1.8	6.7	248	30	32	743	
25/11/2018 15:15	47	66	57	50	41	0.0	1.8	4.6	248	31	29	742	
25/11/2018 15:30	48	66	60	50	40	0.0	2.2	5.4	248	31	30	743	
25/11/2018 15:45	47	65	59	48	37	0.0	1.3	4.9	248	31	31	743	
25/11/2018 16:00	45	65	58	44	34	0.0	1.8	6.3	248	30	32	742	
25/11/2018 16:15	47	68	60	46	32	0.0	0.9	5.4	248	30	32	742	
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
25/11/2018 16:30	43	60	56	44	34	0.0	1.3	4.9	248	31	32	742	
25/11/2018 16:45	49	65	61	52	32	0.0	1.3	4.5	248	30	32	742	
25/11/2018 17:00	43	60	56	43	30	0.0	0.9	3.6	248	29	33	742	
25/11/2018 17:15	49	76	61	50	30	0.0	0.4	2.2	248	29	34	742	
25/11/2018 17:30	47	66	59	50	28	0.0	0.4	3.1	270	29	33	742	
25/11/2018 17:45	51	65	63	57	27	0.0	0.4	1.3	270	28	40	742	
25/11/2018 18:00	48	67	63	49	29	0.0	0.0	1.8	270	27	49	742	
25/11/2018 18:15	49	68	62	52	32	0.0	0.4	2.7	248	26	47	743	
25/11/2018 18:30	46	64	60	48	34	0.0	0.4	2.0	270	25	47	743	
25/11/2018 18:45	47	61	59	49	38	0.0	0.0	0.0	0	25	50	743	
25/11/2018 19:00	48	64	59	49	43	0.0	0.0	0.0	0	25	49	743	
25/11/2018 19:15	47	61	56	47	33	0.0	0.0	0.0	0	25	50	743	
25/11/2018 19:30	44	61	56	47	33	0.0	0.0	0.0	0	25	49	743	
25/11/2018 19:45	48	68	60	51	35	0.0	0.0	0.0	0	25	50	743	
25/11/2018 20:00	46	66	61	55	27	0.0	0.0	0.0	0	13	84	743	
25/11/2018 20:15	52	66	63	56	26	0.0	0.0	0.0	0	13	86	744	
25/11/2018 20:30	53	70	64	58	29	0.0	0.0	0.0	0	13	86	744	
25/11/2018 20:45	33	47	40	35	30	0.0	0.0	0.0	0	17	73	744	
25/11/2018 21:00	45	65	60	45	30	0.0	0.0	0.0	0	16	76	743	
25/11/2018 21:15	46	67	59	43	27	0.0	0.0	0.0	0	16	77	743	
25/11/2018 21:30	46	67	59	43	29	0.0	0.0	0.0	0	16	77	743	
25/11/2018 21:45	48	61	59	45	28	0.0	0.0	0.0	0	16	77	743	
25/11/2018 22:00	45	62	59	45	28								

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
26/11/2018 10:00	47	68	59	47	34	0.0	0.9	7.2	248	31	25	746	
26/11/2018 10:15	43	62	52	45	35	0.0	0.9	6.3	248	31	25	746	
26/11/2018 10:30	45	67	57	44	32	0.0	1.8	6.3	248	31	25	745	
26/11/2018 10:45	45	62	56	47	36	0.0	1.8	5.6	248	31	25	745	
26/11/2018 11:00	43	60	55	46	35	0.0	1.8	6.7	270	31	27	745	
26/11/2018 11:15	44	57	54	47	38	0.0	2.2	5.4	248	31	24	745	
26/11/2018 11:30	47	64	57	49	42	0.0	2.2	8.0	248	32	24	745	
26/11/2018 11:45	47	65	59	49	37	0.0	1.8	5.4	270	32	24	745	
26/11/2018 12:00	52	78	65	51	35	0.0	2.2	7.2	248	32	23	745	
26/11/2018 12:15	48	69	61	47	35	0.0	1.3	8.9	248	32	23	745	
26/11/2018 12:30	48	76	67	47	33	0.0	0.9	7.6	248	32	22	745	
26/11/2018 12:45	45	63	63	47	36	0.0	1.3	7.2	270	33	22	745	
26/11/2018 13:00	49	75	60	49	35	0.0	0.9	8.0	248	33	22	745	
26/11/2018 13:15	43	61	53	46	35	0.0	2.2	6.7	248	33	21	744	
26/11/2018 13:30	49	71	61	45	28	0.0	0.9	5.4	270	33	21	744	
26/11/2018 13:45	67	67	81	56	31	0.0	2.2	7.6	270	33	20	744	
26/11/2018 14:00	67	90	82	63	34	0.0	2.7	6.3	270	33	22	744	
26/11/2018 14:15	41	58	54	44	27	0.0	1.8	4.9	270	33	21	744	
26/11/2018 14:30	68	92	82	58	30	0.0	1.3	4.5	270	33	21	744	
26/11/2018 14:45	43	61	57	44	31	0.0	1.3	5.8	248	33	22	744	
26/11/2018 15:00	50	78	62	44	27	0.0	0.4	6.7	248	33	21	744	
26/11/2018 15:15	46	66	59	47	31	0.0	1.8	5.8	270	33	22	744	
26/11/2018 15:30	48	75	62	49	31	0.0	2.2	7.2	248	33	21	744	
26/11/2018 15:45	54	79	67	51	30	0.0	0.9	4.9	270	33	20	744	
26/11/2018 16:00	50	79	62	49	30	0.0	1.3	5.8	248	33	21	744	
26/11/2018 16:15	47	75	68	44	32	0.0	1.3	6.3	270	33	19	744	
26/11/2018 16:30	50	70	63	52	34	0.0	1.3	5.8	248	33	20	744	
26/11/2018 16:45	47	65	60	47	33	0.0	1.3	5.8	270	33	19	745	
26/11/2018 17:00	47	70	59	45	27	0.0	0.4	4.0	270	32	20	745	
26/11/2018 17:15	52	72	65	53	30	0.0	0.0	0.0	0	32	20	745	
26/11/2018 17:30	49	67	62	50	36	0.0	0.4	3.6	270	33	20	745	
26/11/2018 17:45	48	64	55	48	41	0.0	0.9	3.6	270	32	20	746	
26/11/2018 18:00	48	64	60	50	37	0.0	0.4	2.2	270	31	23	746	
26/11/2018 18:15	48	65	60	51	34	0.0	0.4	3.6	270	27	52	746	
26/11/2018 18:30	49	66	62	51	34	0.0	0.9	4.5	270	25	57	747	
26/11/2018 18:45	49	66	61	50	41	0.0	0.4	2.7	270	24	59	747	
26/11/2018 19:00	46	66	58	46	40	0.0	0.4	3.1	270	24	60	747	
26/11/2018 19:15	46	67	53	47	43	0.0	0.4	2.2	248	23	61	748	
26/11/2018 19:30	44	51	47	45	42	0.0	0.9	3.1	270	23	62	748	
26/11/2018 19:45	50	67	63	51	41	0.0	0.4	3.6	270	23	62	748	
26/11/2018 20:00	48	69	61	46	39	0.0	0.4	2.7	270	22	64	748	
26/11/2018 20:15	40	48	45	43	38	0.0	0.9	3.1	270	22	64	748	
26/11/2018 20:30	45	68	59	43	36	0.0	0.4	2.2	293	22	64	748	
26/11/2018 20:45	45	64	58	46	36	0.0	0.4	2.2	270	22	65	749	
26/11/2018 21:00	42	63	54	38	35	0.0	0.0	1.3	248	22	66	749	
26/11/2018 21:15	43	64	58	40	35	0.0	0.0	0.4	248	21	67	749	
26/11/2018 21:30	36	42	39	37	34	0.0	0.4	1.3	248	21	67	749	
26/11/2018 21:45	40	64	50	39	34	0.0	0.0	0.9	248	21	68	749	
26/11/2018 22:00	36	44	40	37	34	0.0	0.0	0.4	248	20	69	749	
26/11/2018 22:15	42	61	55	42	34	0.0	0.0	0.4	248	20	70	749	
26/11/2018 22:30	40	59	52	39	34	0.0	0.0	0.0	0	19	72	749	
26/11/2018 22:45	47	63	59	51	34	0.0	0.0	0.0	0	19	74	749	
26/11/2018 23:00	44	63	58	46	31	0.0	0.0	0.0	0	18	76	749	
26/11/2018 23:15	40	60	55	38	31	0.0	0.0	0.0	0	18	77	749	
26/11/2018 23:30	34	41	39	36	31	0.0	0.0	0.0	0	17	79	749	
26/11/2018 23:45	41	62	55	37	29	0.0	0.0	0.0	0	17	79	749	
27/11/2018 0:00	41	63	55	37	28	0.0	0.0	0.0	0	17	79	749	
27/11/2018 0:15	36	62	44	33	26	0.0	0.0	0.0	0	17	80	749	
27/11/2018 0:30	40	61	55	35	28	0.0	0.0	0.0	0	17	81	749	
27/11/2018 0:45	33	63	37	32	27	0.0	0.0	0.0	0	17	81	749	
27/11/2018 1:00	31	51	40	33	27	0.0	0.0	0.0	0	17	82	749	
27/11/2018 1:15	45	69	61	35	27	0.0	0.0	0.0	0	16	83	749	
27/11/2018 1:30	54	82	66	55	27	0.0	0.0	0.0	0	16	84	749	
27/11/2018 1:45	44	67	57	43	27	0.0	0.0	0.0	0	16	85	749	
27/11/2018 2:00	45	64	58	49	28	0.0	0.0	0.0	0	15	86	749	
27/11/2018 2:15	49	78	63	36	27	0.0	0.0	0.0	0	15	87	748	
27/11/2018 2:30	43	75	38	31	26	0.0	0.0	0.0	0	15	87	748	
27/11/2018 2:45	38	62	51	34	26	0.0	0.0	0.0	0	15	88	748	
27/11/2018 3:00	43	63	57	38	25	0.0	0.0	0.0	0	15	88	749	
27/11/2018 3:15	50	66	62	54	27	0.0	0.0	0.0	0	15	89	748	

SITE ID

Noise Monitoring Data Sheet

Inland Rail

C2K_05

From	Tuesday 20/11/2018 10:45	Meas. Type	Free Field	Package	Calvert to Kaguru
To	Tuesday 27/11/2018 13:15	Mic. Height (m)	1.8	Address	310 Mount Flinder Road
Instrument Type	01 dB Cube	Weather Station	No	Suburb	Peaks Crossing
Instrument Serial #	10824	Operator	LAN	Land Use	Residential
Inst. Cal. Date	24/7/2018	Sample Int.	15 min	Latitude	27°46'40.45"S
Pre Calibration	93.9	RP Lot#	2/SP276782	Longitude	152°46'7.44"E
Post Calibration	94				

Daytime

RBL **39.3 dB(A)**

Evening

RBL **31.9 dB(A)**

Night

RBL **22.3 dB(A)**

ABLs Day (Mon-Fri 7am - 6 pm)

ABLs Evening (Mon-Fri 6 pm - 10 pm)

ABLs Night (Mon - Thu, Sat - Sun 6pm - 7am)

ABLs Day (Sat 8 am - 1 pm)

ABLs Evening (Sat 1 pm - 10 pm)

ABLs Night (Fri 6pm - 8am)

ABLs Evening (Sun 7 am - 10 pm)

Tuesday 20/11/2018 **41.9 dB(A)**Tuesday 20/11/2018 **32.5 dB(A)**Tuesday 20/11/2018 **22.3 dB(A)**Wednesday 21/11/2018 **42.6 dB(A)**Wednesday 21/11/2018 **30.0 dB(A)**Wednesday 21/11/2018 **28.8 dB(A)**Thursday 22/11/2018 **37.6 dB(A)**Thursday 22/11/2018 **31.9 dB(A)**Thursday 22/11/2018 **23 dB(A)**Friday 23/11/2018 **38.9 dB(A)**Friday 23/11/2018 **26.2 dB(A)**Friday 23/11/2018 **<21.1 dB(A)**Saturday 24/11/2018 **40.3 dB(A)**Saturday 24/11/2018 **30.4 dB(A)**Saturday 24/11/2018 **26.5 dB(A)**Sunday 25/11/2018 **33.1 dB(A)**Sunday 25/11/2018 **<21.1 dB(A)**Sunday 25/11/2018 **<21.1 dB(A)**Monday 26/11/2018 **39.3 dB(A)**Monday 26/11/2018 **33.1 dB(A)**Monday 26/11/2018 **<21.1 dB(A)**Tuesday 27/11/2018 **32.3 dB(A)**

Inland Rail

Project:60553814

Integrating Community, Environment and Engineering

SITE ID

Noise Monitoring Data Sheet

Inland Rail

C2K_06

From	Tuesday 20/11/2018 13:00	Meas. Type	Free Field	Package	Calvert to Kaguru
To	Tuesday 27/11/2018 12:45	Mic. Height (m)	1.8	Address	63 McNeils Road
Instrument Type	01 dB DUO	Weather Station	No	Suburb	Peaks Crossing
Instrument Serial #	12609	Operator	BR	Land Use	Residential
Inst. Cal. Date	10/09/2018	Sample Int.	15 min	Latitude	27°47'19.67"S
Pre Calibration	94	RP Lot#	2/RP158850	Longitude	152°44'11.95"E
Post Calibration	94				

Daytime	Evening	Night
RBL 34.3 dB(A)	RBL 39.3 dB(A)	RBL 34.9 dB(A)
ABLs Day (Mon-Fri 7am - 6 pm)	ABLs Evening (Mon-Fri 6 pm - 10 pm)	ABLs Night (Mon - Thu, Sat - Sun 6pm - 7am)
ABLs Day (Sat 8 am - 1 pm)	ABLs Evening (Sat 1 pm - 10 pm)	ABLs Night (Fri 6pm - 8am)
ABLs Evening (Sun 7 am - 10 pm)		
Tuesday 20/11/2018 32.4 dB(A)	Tuesday 20/11/2018 37.7 dB(A)	Tuesday 20/11/2018 36.2 dB(A)
Wednesday 21/11/2018 34.3 dB(A)	Wednesday 21/11/2018 34.4 dB(A)	Wednesday 21/11/2018 37.9 dB(A)
Thursday 22/11/2018 37.2 dB(A)	Thursday 22/11/2018 39.3 dB(A)	Thursday 22/11/2018 36.1 dB(A)
Friday 23/11/2018 37.1 dB(A)	Friday 23/11/2018 39.6 dB(A)	Friday 23/11/2018 <21.1 dB(A)
Saturday 24/11/2018 38.4 dB(A)	Saturday 24/11/2018 39.3 dB(A)	Saturday 24/11/2018 30.1 dB(A)
	Sunday 25/11/2018 33.9 dB(A)	Sunday 25/11/2018 27.5 dB(A)
Monday 26/11/2018 33 dB(A)	Monday 26/11/2018 43.7 dB(A)	Monday 26/11/2018 34.9 dB(A)
Tuesday 27/11/2018 32.2 dB(A)		

Site Diagram - Diagram



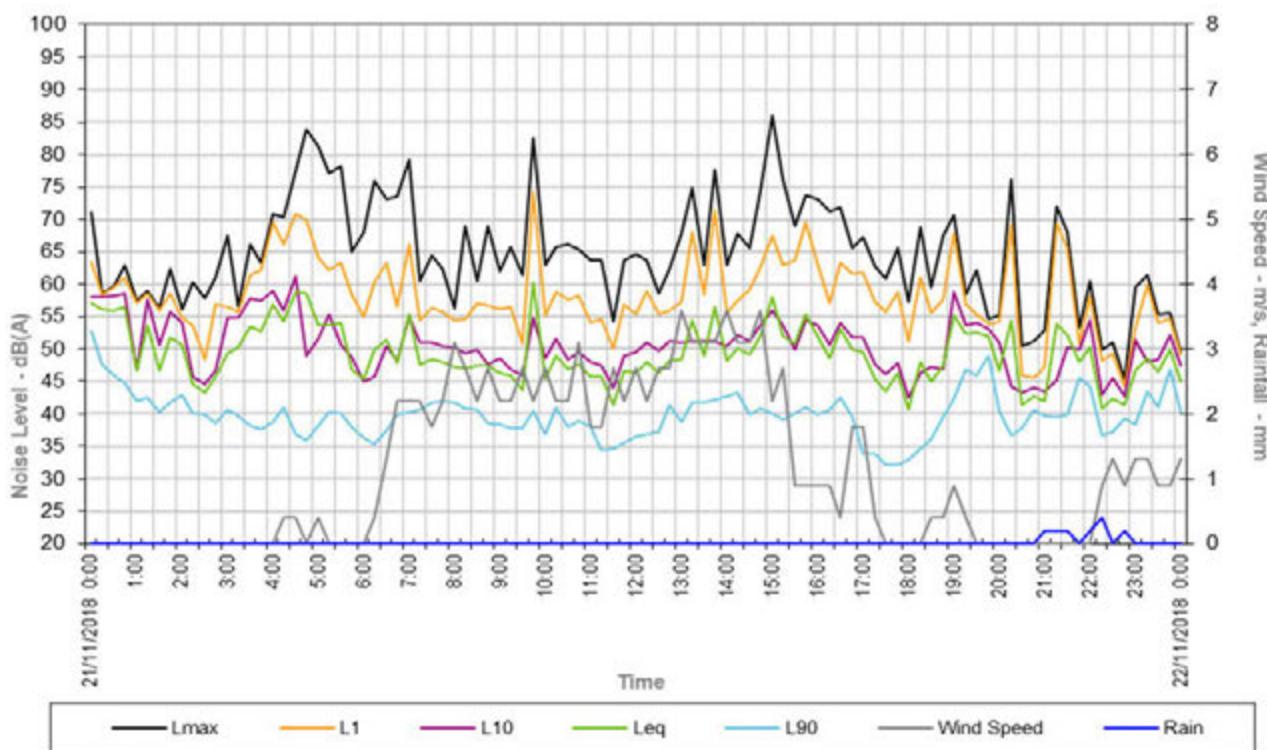
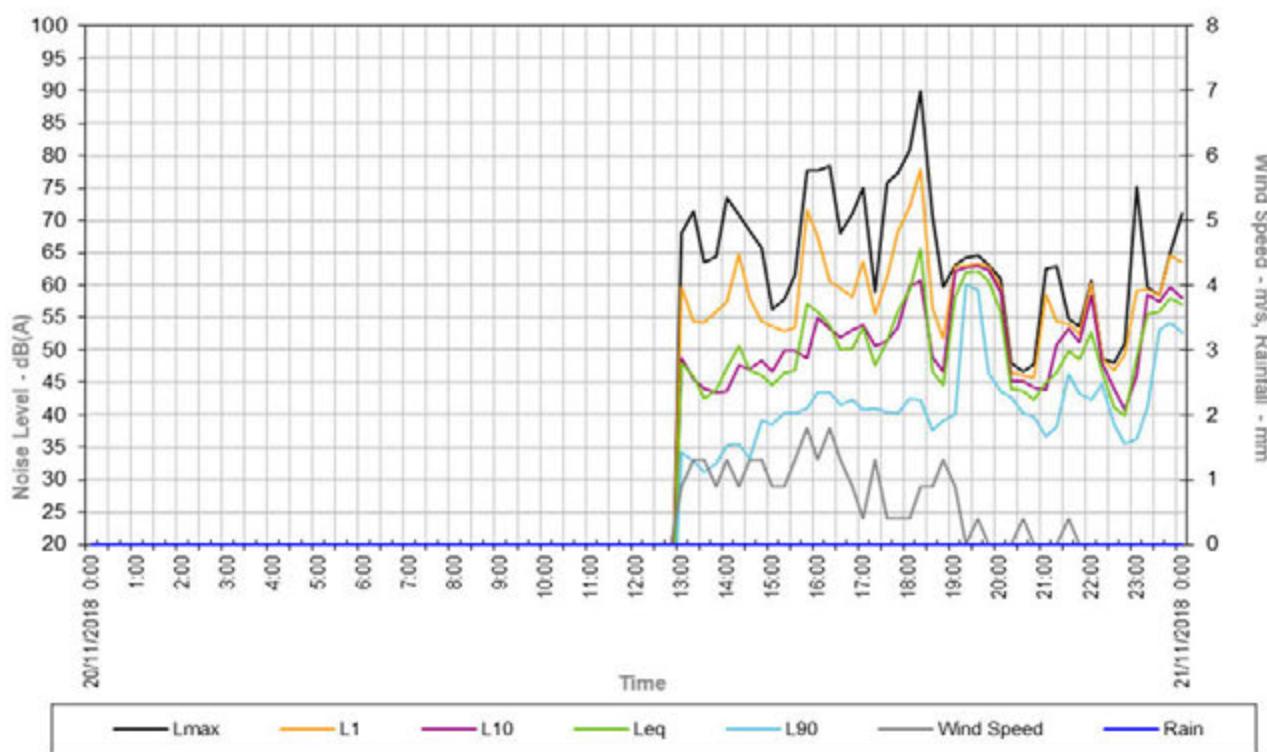
Inland Rail

Project:60553814

Site Attended Measurements Summary										
Date	Start	Type	Measurement					Weather Conditions	Comply	End
			Lmax	L1	L10	L90	Leq			
Comments 20/11/2018	1:00 PM	Attended	67.9	59.1	47.6	34.2	47.1	Pass	1:15 PM	
		Logged	68.1	59.7	48.7	34.2	48.0			
		Difference	-0.1	-0.6	-1.1	0.0	-0.9			
Comments 27/11/2018	12:30 PM	Attended	72.7	52.4	39.7	32.6	41.6	Pass	12:45 PM	
		Logged	69.8	53.5	40.3	32.6	42.4			
		Difference	2.9	-1.1	-0.6	0.0	-0.8			

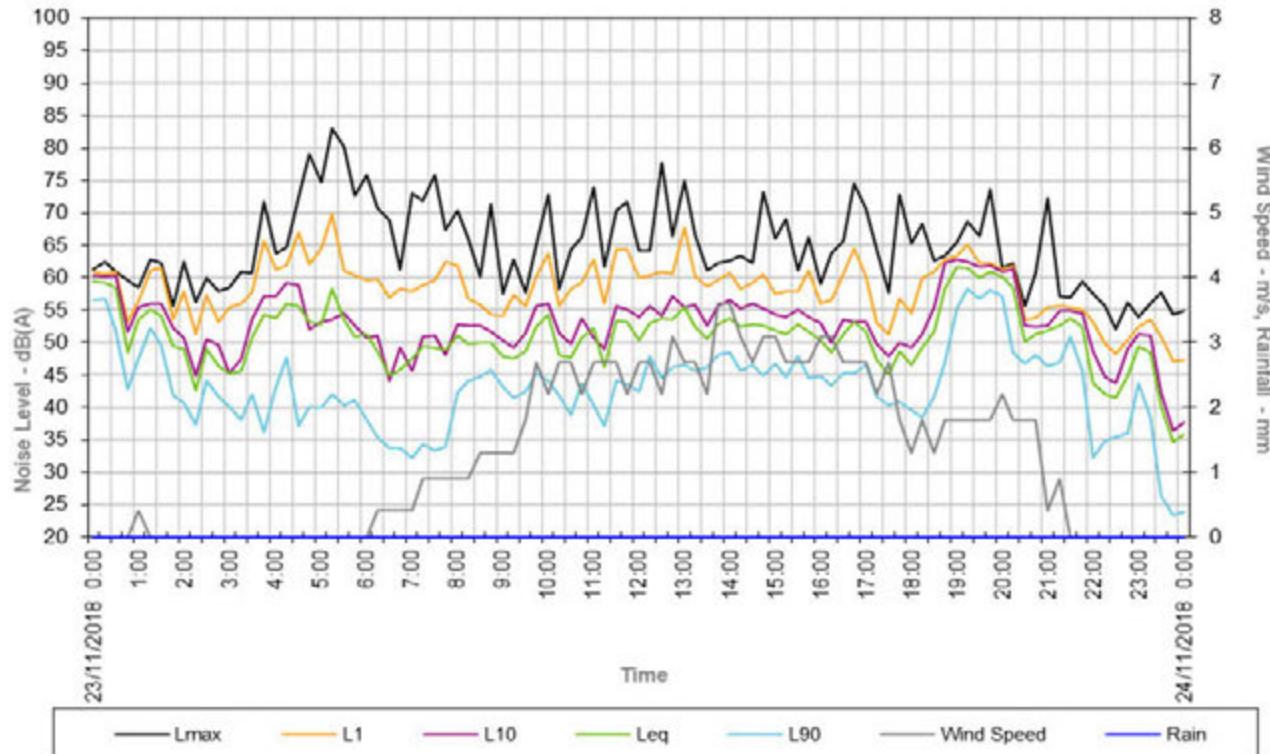
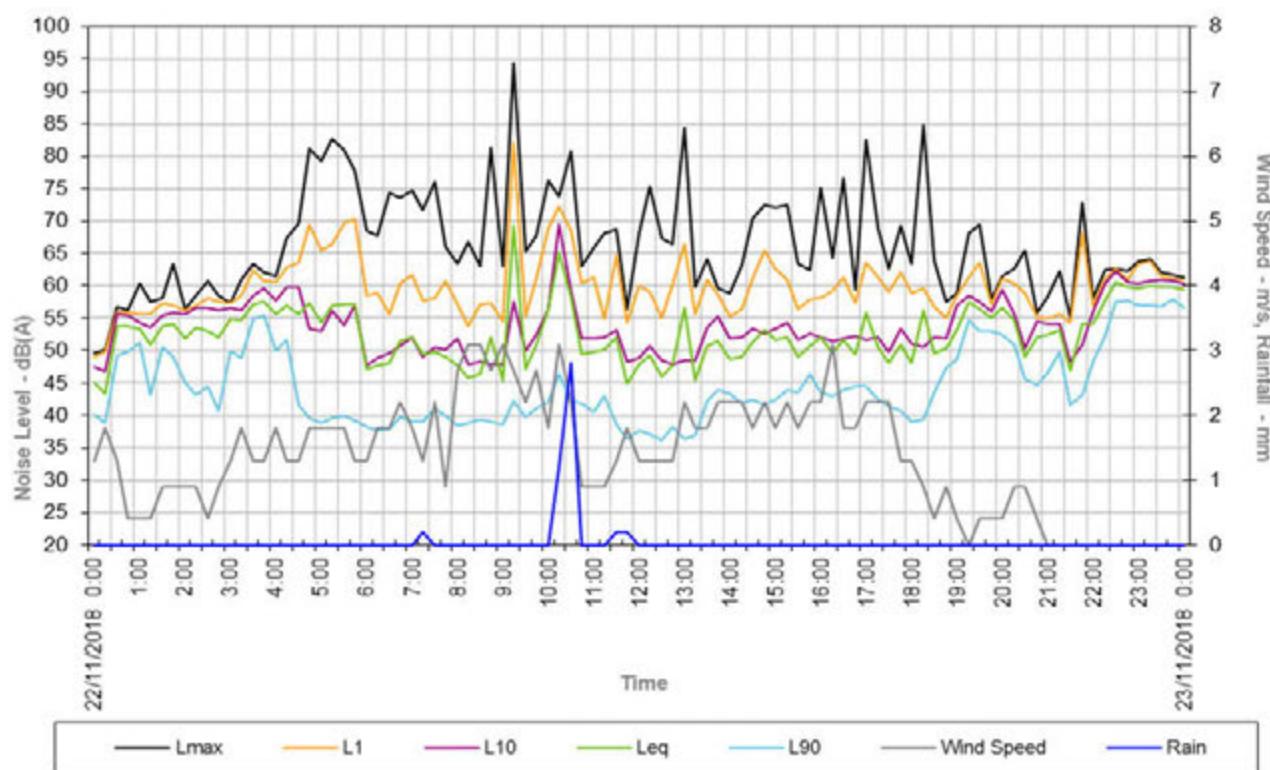
Site Noise and Weather Graphical Analysis

63 McNeils Road



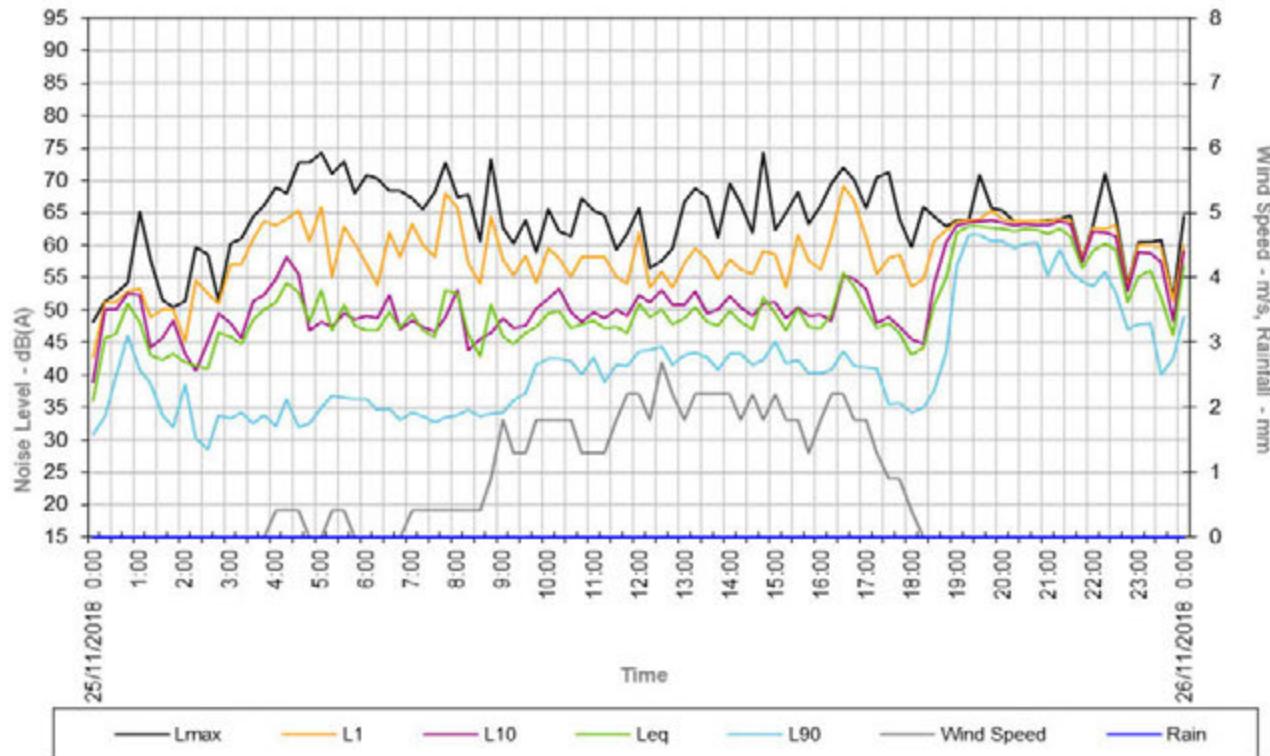
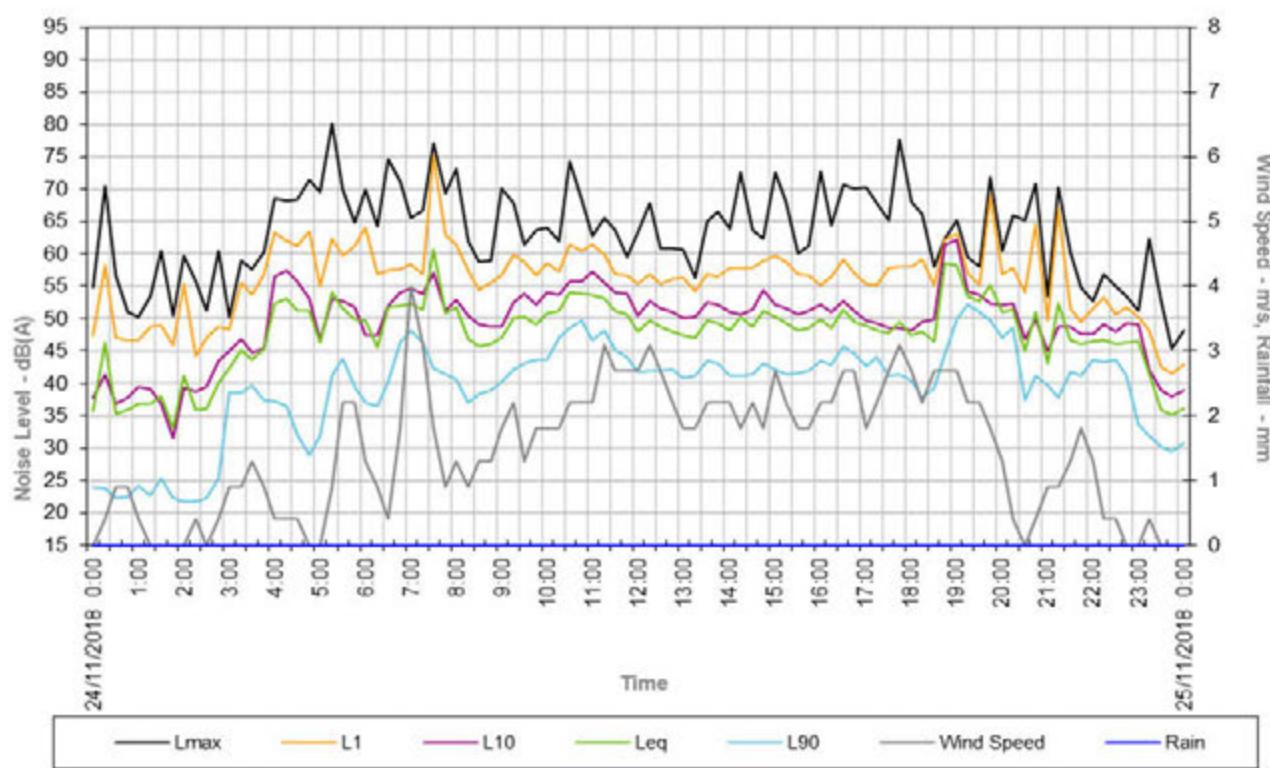
Site Noise and Weather Graphical Analysis

63 McNeils Road



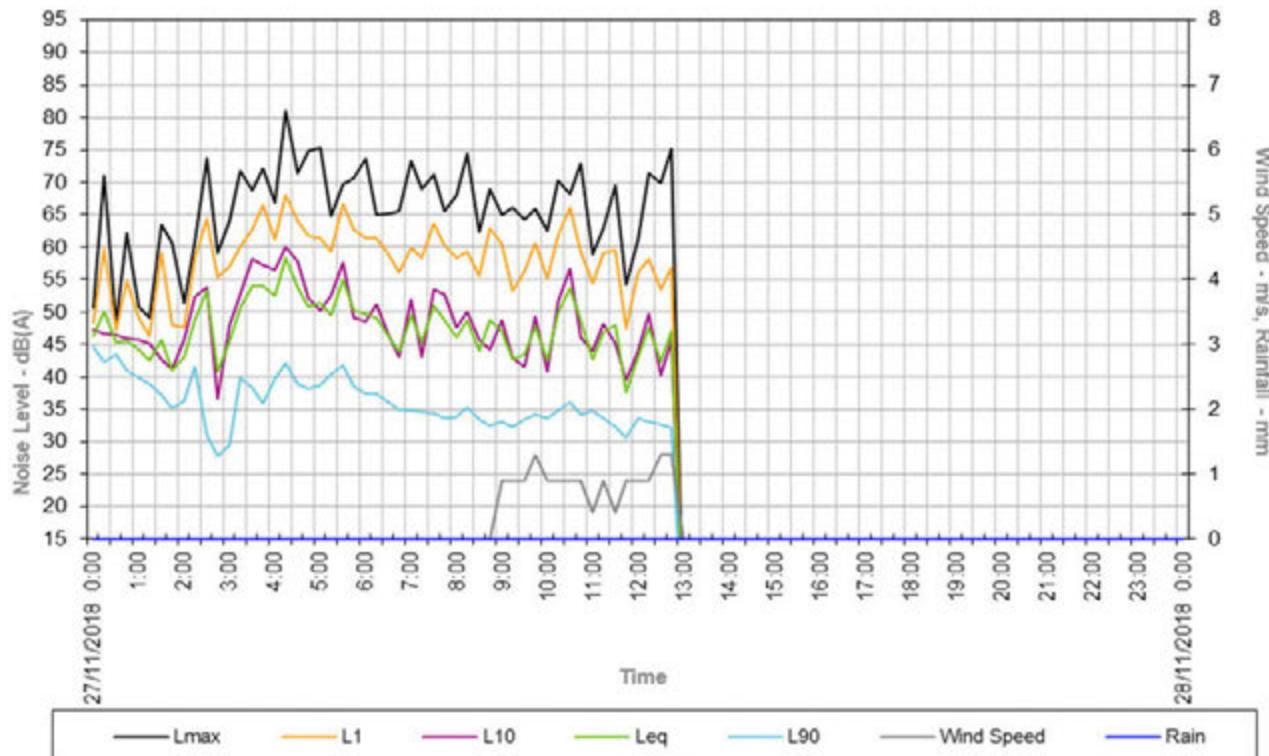
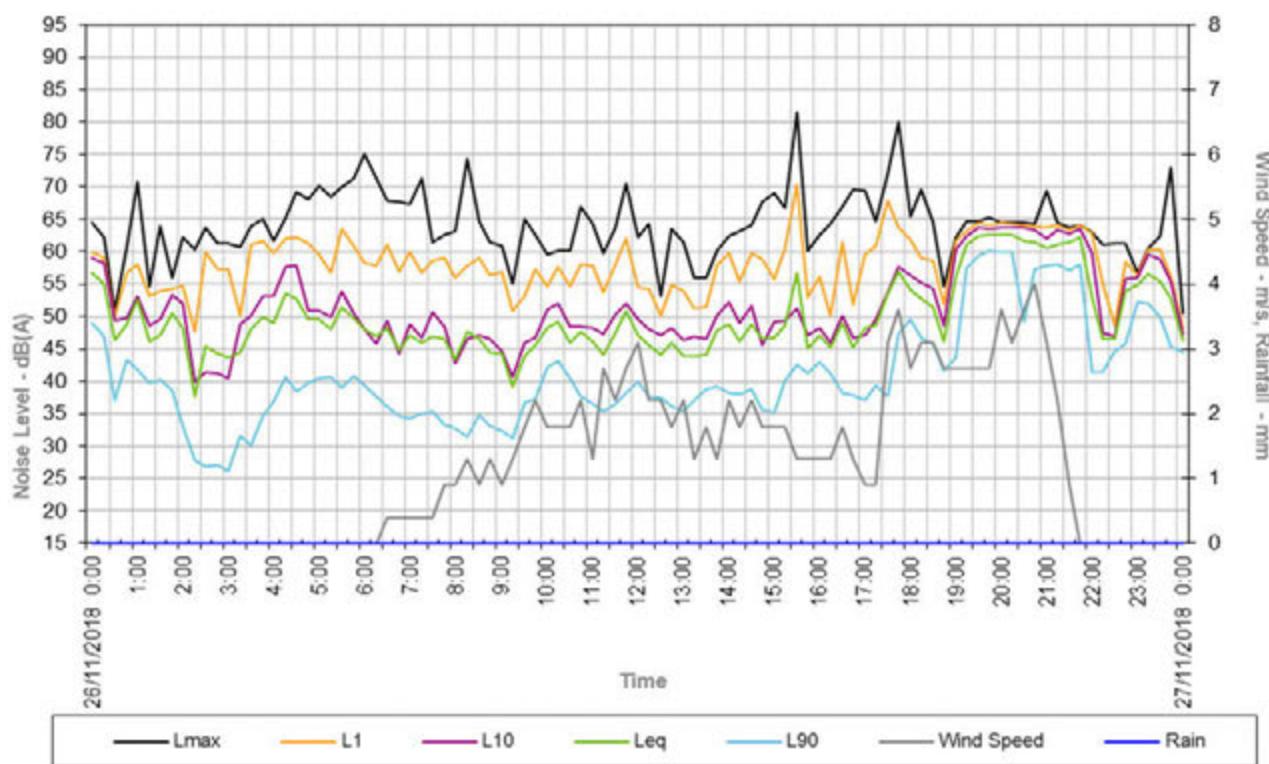
Site Noise and Weather Graphical Analysis

63 McNeils Road



Site Noise and Weather Graphical Analysis

63 McNeils Road



Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA50	Rain (mm)	Avg Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (hPa)
20/11/2018 13:00	48	68	60	49	34	0.0	0.9	4.5	338	31	37	750	
20/11/2018 13:15	46	71	54	46	33	0.0	1.3	4.0	23	31	37	750	
20/11/2018 13:30	43	64	54	44	31	0.0	1.3	4.9	23	31	36	749	
20/11/2018 13:45	44	64	56	43	33	0.0	0.9	3.1	315	33	35	750	
20/11/2018 14:00	47	73	57	44	35	0.0	1.3	4.0	315	32	35	749	
20/11/2018 14:15	51	71	65	48	36	0.0	0.9	3.6	338	30	38	748	
20/11/2018 14:30	47	68	58	47	33	0.0	1.3	3.6	23	31	39	749	
20/11/2018 14:45	46	66	56	48	39	0.0	1.3	4.5	23	29	41	748	
20/11/2018 15:00	45	58	54	47	39	0.0	0.9	3.6	23	29	42	748	
20/11/2018 15:15	46	58	53	50	40	0.0	0.9	3.6	23	29	43	749	
20/11/2018 15:30	47	62	53	50	40	0.0	1.3	4.9	23	30	42	749	
20/11/2018 15:45	57	78	72	49	41	0.0	1.8	4.9	23	29	44	748	
20/11/2018 16:00	56	78	67	55	44	0.0	1.3	4.5	0	28	46	748	
20/11/2018 16:15	54	78	61	53	44	0.0	1.8	4.5	23	29	45	748	
20/11/2018 16:30	50	68	60	52	42	0.0	1.3	4.0	23	29	44	748	
20/11/2018 16:45	50	71	58	53	42	0.0	0.9	4.0	23	29	45	748	
20/11/2018 17:00	54	75	64	54	41	0.0	0.4	3.6	23	28	48	748	
20/11/2018 17:15	48	59	56	51	41	0.0	1.3	4.0	23	27	48	747	
20/11/2018 17:30	51	76	61	51	41	0.0	0.4	2.2	23	26	50	748	
20/11/2018 17:45	56	77	68	63	40	0.0	0.4	3.6	90	26	51	748	
20/11/2018 18:00	59	81	72	60	43	0.0	0.4	3.6	113	25	53	748	
20/11/2018 18:15	66	90	78	61	42	0.0	0.9	3.6	113	24	55	748	
20/11/2018 18:30	47	71	57	49	38	0.0	0.9	3.6	90	24	56	748	
20/11/2018 18:45	45	60	52	47	39	0.0	1.3	4.9	90	23	58	748	
20/11/2018 19:00	58	63	63	62	40	0.0	0.9	4.0	113	23	59	748	
20/11/2018 19:15	62	64	63	63	60	0.0	0.0	1.3	90	23	60	748	
20/11/2018 19:30	62	65	63	63	59	0.0	0.4	3.6	90	23	61	748	
20/11/2018 19:45	61	63	63	62	46	0.0	0.0	0.9	225	22	64	749	
20/11/2018 20:00	56	61	60	59	44	0.0	0.0	1.3	225	22	65	749	
20/11/2018 20:15	44	48	46	45	43	0.0	0.0	0.4	180	21	67	749	
20/11/2018 20:30	44	47	46	45	49	0.0	0.4	4.0	225	21	68	749	
20/11/2018 20:45	42	48	46	44	40	0.0	0.0	1.3	0	21	68	749	
20/11/2018 21:00	45	63	59	44	37	0.0	0.0	1.3	203	21	68	749	
20/11/2018 21:15	46	63	55	51	38	0.0	0.0	0.9	203	21	68	749	
20/11/2018 21:30	50	55	54	53	46	0.0	0.4	0.7	90	21	67	750	
20/11/2018 21:45	49	54	53	51	43	0.0	0.0	2.2	0	21	67	750	
20/11/2018 22:00	53	61	60	58	42	0.0	0.0	0.9	113	21	67	750	
20/11/2018 22:15	47	49	49	48	45	0.0	0.0	0.4	90	20	69	750	
20/11/2018 22:30	41	48	47	44	39	0.0	0.0	1.8	90	20	70	750	
20/11/2018 22:45	40	51	49	41	36	0.0	0.0	2.2	90	20	70	750	
20/11/2018 23:00	49	75	59	46	36	0.0	0.0	0.0	0	20	70	750	
20/11/2018 23:15	56	60	59	59	41	0.0	0.0	0.9	158	20	72	750	
20/11/2018 23:30	56	58	58	58	53	0.0	0.0	0.4	203	20	73	750	
20/11/2018 23:45	58	65	60	54	0.0	0.0	0.9	180	19	74	750		
21/11/2018 0:00	57	71	64	58	53	0.0	0.0	0.0	0	19	75	749	
21/11/2018 0:15	56	59	58	58	48	0.0	0.0	0.0	0	19	75	749	
21/11/2018 0:30	56	60	60	58	46	0.0	0.0	0.0	0	18	77	749	
21/11/2018 0:45	56	63	61	59	45	0.0	0.0	0.0	0	18	79	749	
21/11/2018 1:00	47	57	57	47	42	0.0	0.0	0.0	0	18	81	749	
21/11/2018 1:15	54	59	59	58	43	0.0	0.0	0.0	0	18	81	749	
21/11/2018 1:30	47	56	56	51	40	0.0	0.0	0.4	158	17	82	749	
21/11/2018 1:45	52	62	59	56	42	0.0	0.0	0.0	0	17	82	749	
21/11/2018 2:00	51	56	55	54	43	0.0	0.0	0.0	0	17	83	748	
21/11/2018 2:15	45	60	54	46	40	0.0	0.0	0.0	0	17	84	748	
21/11/2018 2:30	43	58	48	45	40	0.0	0.0	0.0	0	17	85	748	
21/11/2018 2:45	46	61	57	47	39	0.0	0.0	0.9	338	17	85	748	
21/11/2018 3:00	49	67	57	55	41	0.0	0.0	0.9	180	17	85	748	
21/11/2018 3:15	50	57	56	55	40	0.0	0.0	1.3	315	17	86	748	
21/11/2018 3:30	53	66	62	58	38	0.0	0.0	1.3	338	18	82	748	
21/11/2018 3:45	53	63	62	58	38	0.0	0.0	2.2	315	19	81	748	
21/11/2018 4:00	57	71	70	59	39	0.0	0.0	1.3	338	19	81	748	
21/11/2018 4:15	54	70	66	56	41	0.0	0.4	3.6	338	19	79	748	
21/11/2018 4:30	50	77	71	61	37	0.0	0.4	2.2	315	19	79	748	
21/11/2018 4:45	59	84	70	49	38	0.0	0.0	1.3	315	19	79	748	
21/11/2018 5:00	54	81	64	52	38	0.0	0.4	2.2	315	19	79	748	
21/11/2018 5:15	54	77	62	55	40	0.0	0.0	0.9	315	19	76	748	
21/11/2018 5:30	54	78	63	51	40	0.0	0.0	1.3	0	20	76	749	
21/11/2018 5:45	47	65	58	49	38	0.0	0.0	1.3	248	20	75	749	
21/11/2018 6:00	45	68	55	45	36	0.0	0.0	1.3	315	21	73	749	
21/11/2018 6:15	50	76	60	46	35	0.0	0.4	4.0	315	22	72	749	
21/11/2018 6:30	52	73	63	57	37	0.0	0.0	1.3	315	22	70	749	
21/11/2018 6:45	50	76	60	46	35	0.0	0.4	4.0	315	22	70	749	
21/11/2018 6:50	52	73	63	57	37	0.0	0.0	1.3	315	22	69	749	
21/11/2018 6:55	54	72	64	55	37	0.0	0.0	2.2	63	338	23	67	749
21/11/2018 7:00	54	70	62	54	37	0.0	0.0	2.2	7.2	315	24	66	749
21/11/2018 7:05	54	68	60	52	37	0.0	0.0	2.2	7.2	315	24	65	749
21/11/2018 7:10	54	66	59	51	41	0.0	0.0	2.2	7.2	315	25	60	749
21/11/2018 7:15	54	64	57	50	41	0.0	0.0	2.2	7.2	315	25	59	749
21/11/2018 7:20	54	62	55	49	41	0.0	0.0	2.2	7.2	315	25	58	749
21/11/2018 7:25	54	60	53	47	41	0.0	0.0	2.2	7.2	315	25	57	749
21/11/2018 7:30	54	58	51	45	41	0.0	0.0	2.2	7.2	315	25	56	749
21/11/2018 7:35	54	56	50	43	41	0.0	0.0	2.2	7.2	315	25	55	749
21/11/2018 7:40	54	54	48	41	41	0.0	0.0	2.2	7.2	315	25	54	749
21/11/2018 7:45	54	52	46	39	41	0.0	0.0	2.2	7.2	315	25	53	749
21/11/2018 7:50	54	50	44	37	41	0.0	0.0	2.2	7.2	315	25	52	749
21/11/2018 7:55	54	48	42	35	41	0.0	0.0	2.2	7.2	315	25	51	749
21/11/2018 8:00	54	46	40	33	41	0.0	0.0	2.2	7.2	315	25	50	749
21/11/2018 8:05	54	44	38	31	41	0.0	0.0	2.2	7.2	315	25	49	749
21/11/2018 8:10	54	42	36	29	41	0.0	0.0	2.2	7.2	315	25	48	749
21/11/2018 8:15	54	40	34	27	41	0.0	0.0	2.2	7.2	315	25	47	749
21/11/2018 8:20	54	38	32	25	41	0.0	0.0	2.2	7.2	315	25	46	749
21/11/2018 8:25	54	36	30	23	41	0.0	0.0	2.2	7.2	315	25	45	749
21/11/2018 8:30	54	34</											

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
22/11/2018 0:00	45 50	49	48	40	40	0.0	1.3	4.0	338	23	89	745	
22/11/2018 0:15	43 50	50	47	39	0.0	1.8	4.5	315	23	89	745		
22/11/2018 0:30	54 57	56	56	49	0.0	1.3	4.0	315	23	87	745		
22/11/2018 0:45	54 56	56	55	50	0.0	0.4	2.7	315	23	88	745		
22/11/2018 1:00	53 60	56	54	51	0.0	0.4	1.8	293	23	89	745		
22/11/2018 1:15	51 58	56	54	43	0.0	0.4	1.8	315	23	89	745		
22/11/2018 1:30	54 58	57	56	51	0.0	0.9	3.1	315	23	90	745		
22/11/2018 1:45	54 63	57	56	49	0.0	0.9	3.8	315	23	89	745		
22/11/2018 2:00	52 58	56	56	45	0.0	0.9	4.0	315	23	89	744		
22/11/2018 2:15	53 58	57	57	43	0.0	0.9	3.6	315	23	90	744		
22/11/2018 2:30	53 61	58	57	44	0.0	0.4	1.8	293	23	90	744		
22/11/2018 2:45	52 58	58	56	41	0.0	0.9	4.0	315	23	90	744		
22/11/2018 3:00	56 57	57	57	50	0.0	1.3	4.0	315	23	89	744		
22/11/2018 3:15	55 61	59	56	49	0.0	1.8	4.9	315	23	89	744		
22/11/2018 3:30	57 63	63	58	55	0.0	1.3	4.0	315	23	89	744		
22/11/2018 3:45	58 62	61	60	56	0.0	1.3	4.5	338	23	89	744		
22/11/2018 4:00	56 62	61	58	50	0.0	1.8	4.0	315	23	89	744		
22/11/2018 4:15	57 67	63	60	52	0.0	1.3	4.5	315	23	88	744		
22/11/2018 4:30	56 70	64	60	42	0.0	1.3	4.5	315	23	88	744		
22/11/2018 4:45	57 81	69	53	40	0.0	1.8	4.0	315	23	88	744		
22/11/2018 5:00	54 79	65	53	39	0.0	1.8	4.9	315	23	88	744		
22/11/2018 5:15	57 83	66	56	40	0.0	1.8	4.5	315	23	88	744		
22/11/2018 5:30	57 81	70	54	40	0.0	1.8	5.8	315	23	88	744		
22/11/2018 5:45	57 78	70	57	39	0.0	1.3	4.0	338	23	88	744		
22/11/2018 6:00	47 69	59	48	38	0.0	1.3	4.0	315	23	88	744		
22/11/2018 6:15	48 68	60	49	38	0.0	1.8	4.5	315	24	87	744		
22/11/2018 6:30	48 74	56	50	38	0.0	1.8	4.9	315	24	87	744		
22/11/2018 6:45	51 74	60	51	40	0.0	2.2	4.5	315	24	86	744		
22/11/2018 7:00	52 75	62	52	39	0.0	1.8	4.5	315	24	86	744		
22/11/2018 7:15	49 72	58	49	39	0.2	1.3	4.5	315	23	91	744		
22/11/2018 7:30	50 76	58	51	41	0.0	2.2	5.4	315	24	89	744		
22/11/2018 7:45	49 68	61	50	40	0.0	0.9	5.8	270	24	91	745		
22/11/2018 8:00	48 63	57	52	38	0.0	2.7	6.7	315	25	84	745		
22/11/2018 8:15	46 67	54	48	39	0.0	3.1	7.2	315	25	81	744		
22/11/2018 8:30	46 63	57	48	39	0.0	3.1	6.7	315	26	80	745		
22/11/2018 8:45	52 81	57	48	39	0.0	2.7	6.3	315	26	75	745		
22/11/2018 9:00	45 63	55	48	39	0.0	3.1	6.7	315	26	74	744		
22/11/2018 9:15	69 94	82	58	42	0.0	2.7	7.2	315	26	70	744		
22/11/2018 9:30	47 65	55	50	40	0.0	2.2	5.8	315	26	89	744		
22/11/2018 9:45	51 68	61	52	41	0.0	2.7	6.3	315	26	69	744		
22/11/2018 10:00	56 76	69	66	42	0.0	1.8	6.7	315	26	69	743		
22/11/2018 10:15	65 74	72	69	46	1.2	3.1	6.3	293	26	85	744		
22/11/2018 10:30	58 81	69	59	42	2.8	2.2	5.4	303	26	92	743		
22/11/2018 10:45	49 63	60	52	42	0.0	0.9	3.1	315	21	95	744		
22/11/2018 11:00	50 66	61	52	41	0.0	0.9	4.5	315	21	94	744		
22/11/2018 11:15	50 66	55	52	43	0.0	0.9	4.5	315	22	94	744		
22/11/2018 11:30	52 69	65	53	39	0.2	1.3	3.6	315	22	94	744		
22/11/2018 11:45	45 56	54	48	36	0.2	1.8	4.5	338	22	92	744		
22/11/2018 12:00	48 68	60	49	38	0.0	1.3	4.0	338	22	94	744		
22/11/2018 12:15	49 75	59	51	37	0.0	1.3	4.0	315	23	90	745		
22/11/2018 12:30	46 67	55	48	36	0.0	1.3	4.0	315	24	85	745		
22/11/2018 12:45	48 66	60	48	38	0.0	1.3	3.6	293	25	74	744		
22/11/2018 13:00	57 84	67	49	36	0.0	2.2	4.9	315	25	70	744		
22/11/2018 13:15	45 60	66	48	37	0.0	1.8	4.5	315	26	69	744		
22/11/2018 13:30	51 64	61	54	42	0.0	1.8	5.4	315	26	62	744		
22/11/2018 13:45	51 60	59	55	44	0.0	2.2	4.9	315	26	57	743		
22/11/2018 14:00	49 59	55	52	43	0.0	2.2	4.9	293	30	53	743		
22/11/2018 14:15	49 63	56	52	42	0.0	2.2	8.0	225	30	51	743		
22/11/2018 14:30	51 70	61	53	42	0.0	1.8	5.8	225	31	49	743		
22/11/2018 14:45	53 73	66	53	42	0.0	2.2	6.7	225	32	45	743		
22/11/2018 15:00	52 72	63	53	43	0.0	1.8	7.2	270	30	47	742		
22/11/2018 15:15	52 72	61	54	44	0.0	2.2	9.8	225	30	47	742		
22/11/2018 15:30	49 63	56	52	44	0.0	1.8	7.2	225	30	44	742		
22/11/2018 15:45	51 62	58	53	46	0.0	2.2	6.3	225	31	43	742		
22/11/2018 16:00	52 75	58	52	44	0.0	2.2	9.8	225	30	42	742		
22/11/2018 16:15	50 64	69	62	43	0.0	3.1	6.3	270	30	44	742		
22/11/2018 16:30	52 77	61	52	44	0.0	1.8	4.9	270	29	45	742		
22/11/2018 16:45	49 60	57	52	44	0.0	1.8	4.9	225	30	44	742		
22/11/2018 17:00	56 82	64	52	44	0.0	2.2	5.8	225	30	41	742		
22/11/2018 17:15	51 69	61	52	43	0.0	2.2	5.4	225	30	41	742		
Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
22/11/2018 17:30	48 63	59	50	41	0.0	2.2	5.4	225	28	42	742		
22/11/2018 17:45	51 69	62	53	41	0.0	1.3	4.5	225	27	43	743		
22/11/2018 18:00	48 63	63	59	51	39	0.0	1.3	3.1	225	27	46	743	
22/11/2018 18:15	56 85	60	51	39	0.0	0.9	2.7	225	27	46	743		
22/11/2018 18:30	50 64	57	52	44	0.0	0.4	2.2	225	26	49	743		
22/11/2018 18:45	50 57	55	52	47	0.0	0.9	3.1	225	25	49	743		
22/11/2018 18:50	53 59	59	57	49	0.0	0.4	1.8	225	25	51	744		
22/11/2018 18:55	58 68	61	59	55	0.0	0.0	1.8	225	24	54	744		
22/11/2018 19:00	58 68	64	58	53	0.0	0.4	1.3	225	24	54	744		
22/11/2018 19:15	58 68	61	59	55	0.0	0.0	1.8	225	24	54	744		
22/11/2018 19:30	58 68	64	58	53	0.0	0.4	1.3	225	23	53	744		
22/11/2018 19:45	58 68	61	57	53	0.0	0.4	1.3	225	23	53	744		
22/11/2018 19:50	58 68	61	56	52	0.0	0.0	1.8	225	23	56	745		
22/11/2018 19:55	58 68	61	56	52	0.0	0.0	0.9	90	20	63	746		
22/11/2018 20:00	60 62	61	56	51	58	0.0	0.0	0.4	23	20	64	746	
22/11/2018 20:15	64 73	68	51	43	0.0	0.0	1.3	293	22	54	745		
22/11/2018 20:30	54 58	57	56	48	0.0	0.0	0.9	270	22	61	745		
22/11/2018 20:45	54 58	57	56	48	0.0	0.0	0.9	270	22	61	745		
22/11/2018 21:00	56 62	61	56	52	0.0	0.4	1.3	225	23	56	745		
22/11/2018 21:15	53 62	63	56	51	58	0.0	0.0	0.9	158	20	60	745	
22/11/2018 21:30	60 62	61	56	51	58	0.0	0.0	0.9	90	20	63	746	
22/11/2018 21:45	55 63	61	58	52	0.0	0.0	0.9	90	20	63	745		
22/11/2018 22:00	60 64	63	56	51	57	0.0	0.0	0.4	23	20	64	746	
22/11/2018 22:15	60 64	64	56	51	57	0.0	0.0	1.8	23				

Logged Noise and Weather Data														
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)	
23/11/2018 11:00	52	74	63	51	40	0.0	2.7	5.4	225	30	16	745		
23/11/2018 11:15	48	62	56	49	37	0.0	2.7	7.6	225	30	20	745		
23/11/2018 11:30	53	70	64	56	44	0.0	2.7	7.2	225	30	19	745		
23/11/2018 11:45	53	72	64	55	44	0.0	2.2	5.8	225	31	17	745		
23/11/2018 12:00	50	64	60	54	42	0.0	2.7	7.2	225	30	15	745		
23/11/2018 12:15	53	64	60	56	48	0.0	2.7	10.3	225	31	17	745		
23/11/2018 12:30	54	78	61	54	45	0.0	2.2	5.8	225	32	18	745		
23/11/2018 12:45	54	66	61	57	46	0.0	3.1	6.7	225	31	18	744		
23/11/2018 13:00	55	75	68	56	47	0.0	2.7	6.7	225	31	18	744		
23/11/2018 13:15	52	67	60	56	46	0.0	2.7	7.6	225	31	17	744		
23/11/2018 13:30	51	61	59	53	46	0.0	2.2	6.7	225	32	17	744		
23/11/2018 13:45	53	62	60	56	48	0.0	3.8	11.2	224	31	19	744		
23/11/2018 14:00	54	63	61	57	48	0.0	3.8	8.0	225	30	17	744		
23/11/2018 14:15	52	63	58	55	48	0.0	3.1	6.7	225	31	16	744		
23/11/2018 14:30	53	62	59	56	47	0.0	2.7	8.5	225	31	16	744		
23/11/2018 14:45	53	73	61	55	45	0.0	3.1	8.9	225	31	17	744		
23/11/2018 15:00	52	66	58	54	47	0.0	3.1	8.0	225	30	19	744		
23/11/2018 15:15	51	69	58	54	45	0.0	2.7	6.3	225	30	19	743		
23/11/2018 15:30	53	61	58	55	48	0.0	2.7	6.7	225	31	17	744		
23/11/2018 15:45	52	66	61	54	45	0.0	2.7	6.3	225	30	16	743		
23/11/2018 16:00	50	59	56	53	45	0.0	3.1	8.0	225	30	18	743		
23/11/2018 16:15	49	64	57	50	43	0.0	3.1	7.6	225	29	17	743		
23/11/2018 16:30	51	66	61	54	45	0.0	2.7	6.3	225	29	17	743		
23/11/2018 16:45	53	75	65	53	48	0.0	2.7	7.2	225	29	19	743		
23/11/2018 17:00	52	71	60	53	47	0.0	2.7	6.7	225	28	18	743		
23/11/2018 17:15	47	64	53	60	42	0.0	2.2	6.7	225	27	19	743		
23/11/2018 17:30	45	58	51	48	40	0.0	2.7	5.4	225	27	19	743		
23/11/2018 17:45	49	73	57	50	41	0.0	1.8	4.0	225	26	21	744		
23/11/2018 18:00	47	65	55	49	40	0.0	1.3	4.0	225	25	22	744		
23/11/2018 18:15	49	68	60	51	39	0.0	1.8	6.7	225	24	23	744		
23/11/2018 18:30	52	63	61	55	42	0.0	1.3	4.9	225	24	25	744		
23/11/2018 18:45	58	63	63	62	47	0.0	1.8	4.9	203	23	24	744		
23/11/2018 19:00	62	66	63	63	55	0.0	1.8	3.6	203	23	25	744		
23/11/2018 19:15	62	69	65	63	58	0.0	1.8	4.5	203	23	26	745		
23/11/2018 19:30	60	66	62	52	57	0.0	1.8	4.9	203	23	26	745		
23/11/2018 19:45	61	74	62	62	58	0.0	1.8	2.7	203	22	27	745		
23/11/2018 20:00	60	62	61	57	50	0.0	2.2	4.5	203	23	26	745		
23/11/2018 20:15	59	62	62	61	49	0.0	1.8	3.6	225	22	27	745		
23/11/2018 20:30	50	58	54	53	47	0.0	1.8	4.0	203	22	28	745		
23/11/2018 20:45	51	61	54	52	48	0.0	1.8	3.6	203	22	29	745		
23/11/2018 21:00	62	72	66	53	46	0.0	0.4	2.7	225	21	29	745		
23/11/2018 21:15	53	57	56	55	47	0.0	0.9	4.9	225	22	28	745		
23/11/2018 21:30	54	57	55	55	51	0.0	0.0	1.8	203	22	29	745		
23/11/2018 21:45	52	59	55	55	46	0.0	0.0	0.9	338	21	32	745		
23/11/2018 22:00	44	58	53	49	32	0.0	0.0	0.4	0	20	33	745		
23/11/2018 22:15	42	56	50	45	35	0.0	0.0	0.4	0	19	34	745		
23/11/2018 22:30	42	52	48	44	36	0.0	0.0	1.3	45	19	35	745		
23/11/2018 22:45	45	58	50	49	36	0.0	0.0	0.9	293	19	33	745		
23/11/2018 23:00	49	54	52	51	44	0.0	0.0	0.4	0	19	33	745		
23/11/2018 23:15	48	56	54	51	39	0.0	0.0	0.9	225	19	34	745		
23/11/2018 23:30	40	58	51	42	28	0.0	0.0	1.3	203	18	39	745		
23/11/2018 23:45	35	54	47	36	23	0.0	0.0	1.3	338	18	36	745		
24/11/2018 0:00	36	55	47	38	24	0.0	0.0	1.3	113	18	37	744		
24/11/2018 0:15	46	70	58	41	24	0.0	0.4	2.7	225	18	38	744		
24/11/2018 0:30	35	57	47	37	22	0.0	0.9	3.1	225	19	33	744		
24/11/2018 0:45	36	51	47	38	22	0.0	0.9	3.1	270	20	32	744		
24/11/2018 1:00	37	50	47	39	24	0.0	0.4	1.8	270	20	30	744		
24/11/2018 1:15	37	53	49	39	23	0.0	0.0	0.9	270	20	30	744		
24/11/2018 1:30	38	60	49	37	25	0.0	0.0	0.4	248	19	31	744		
24/11/2018 1:45	33	50	46	32	22	0.0	0.0	0.0	0	19	40	743		
24/11/2018 2:00	41	60	55	39	22	0.0	0.0	1.3	158	17	37	744		
24/11/2018 2:15	36	58	44	39	22	0.0	0.4	3.6	203	17	38	744		
24/11/2018 2:30	36	51	47	39	23	0.0	0.0	1.3	135	17	48	744		
24/11/2018 2:45	40	60	49	43	25	0.0	0.4	2.7	135	16	41	744		
24/11/2018 3:00	42	50	48	45	39	0.0	0.9	2.7	203	17	38	745		
24/11/2018 3:15	45	59	56	47	39	0.0	0.9	2.2	203	18	34	745		
24/11/2018 3:30	44	58	54	45	40	0.0	1.3	3.6	203	19	32	745		
24/11/2018 3:45	45	60	57	45	37	0.0	0.9	3.1	203	19	33	745		
24/11/2018 4:00	52	69	63	57	37	0.0	0.4	1.8	293	18	34	744		
24/11/2018 4:15	53	68	62	58	37	0.0	0.4	3.1	293	18	33	745		
24/11/2018 4:30	54	68	61	59	37	0.0	0.4	3.1	293	18	33	745		
24/11/2018 4:45	54	65	60	59	41	0.0	0.4	3.1	293	18	33	745		
24/11/2018 5:00	51	60	57	52	47	0.0	0.4	2.7	203	20	26	745		
24/11/2018 5:15	51	66	58	52	49	0.0	0.4	2.7	270	20	27	745		
24/11/2018 5:30	46	65	55	54	47	0.0	0.4	2.7	203	20	28	745		
24/11/2018 5:45	51	71	68	60	41	0.0	0.4	1.3	225	21	30	745		
24/11/2018 6:00	43	54	50	45	40	0.0	0.0	0.9	4.0	225	21	30	745	
24/11/2018 6:15	52	70	67	49	38	0.0	0.0	1.3	225	22	27	745		
24/11/2018 6:30	47	60	52	49	42	0.0	1.3	4.9	225	22	28	745		
24/11/2018 6:45	46	55	50	48	41	0.0	1.8	4.0	203	22	26	745		
24/11/2018 7:00	51	60	57	52	47	0.0	1.8	4.9	203	22	26	745		
24/11/2018 7:15	52	67	60	53	44	0.0	2.2	4.5	203	18	33	745		
24/11/2018 7:30	47	60	52	49	42	0.0	1.3	4.9	203	18	34	745		
24/11/2018 7:45	46	55	50	48	41	0.0	1.8	4.0	203	18	35	745		
24/11/2018 8:00	51	60	57	52	47	0.0	1.8	4.9	203	18	36	745		
24/11/2018 8:15	48	65	58	52	49	0.0	2.2	4.9	203	18	37	745		
24/11/2018 8:30	50	65	55	54	51	0.0	2.2	4.9	203	18	37	745		
24/11/2018 8:45	51	62	58	53	44	0.0	2.7	5.4	203	18	37	745		
24/11/2018 9:00	58	65	63	62	50	0.0	2.7	4.9	203	24	24	744		
24/11/2018 9:15	54	59	57	54	52	0.0	2.2	4.0	203					

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
24/11/2018 22:00	46	53	52	48	44	44	0.0	1.3	3.6	203	23	26	745
24/11/2018 22:15	47	57	53	49	43	43	0.0	0.4	1.8	203	22	27	745
24/11/2018 22:30	46	55	51	46	44	44	0.0	0.4	2.2	315	22	28	745
24/11/2018 22:45	46	53	52	49	41	41	0.0	0.0	0.4	315	21	29	745
24/11/2018 23:00	46	51	50	49	34	34	0.0	0.0	0.4	225	20	32	745
24/11/2018 23:15	42	62	48	42	32	32	0.0	0.4	1.3	135	20	34	745
24/11/2018 23:30	36	53	43	39	30	30	0.0	0.0	0.0	0	19	33	744
24/11/2018 23:45	35	45	42	38	30	30	0.0	0.0	0.4	113	19	34	744
25/11/2018 0:00	36	48	43	39	31	31	0.0	0.0	1.3	203	18	39	745
25/11/2018 0:15	46	51	51	50	34	34	0.0	0.0	0.9	180	18	39	745
25/11/2018 0:30	46	53	51	50	40	40	0.0	0.0	1.8	135	18	38	744
25/11/2018 0:45	51	54	53	53	46	46	0.0	0.0	0.9	180	18	35	744
25/11/2018 1:00	48	65	53	52	41	41	0.0	0.0	0.9	203	19	37	743
25/11/2018 1:15	43	58	49	44	39	39	0.0	0.0	0.9	225	19	37	743
25/11/2018 1:30	42	52	50	46	34	34	0.0	0.0	1.8	315	19	38	743
25/11/2018 1:45	43	50	50	48	32	32	0.0	0.0	0.9	225	18	38	743
25/11/2018 2:00	42	51	45	43	38	38	0.0	0.0	1.8	158	17	39	743
25/11/2018 2:15	41	60	55	41	30	30	0.0	0.0	0.9	180	17	38	743
25/11/2018 2:30	41	59	53	45	29	29	0.0	0.0	0.9	158	17	39	743
25/11/2018 2:45	47	51	51	50	34	34	0.0	0.0	0.9	203	17	43	743
25/11/2018 3:00	46	60	57	48	33	33	0.0	0.0	0.9	180	18	43	743
25/11/2018 3:15	45	61	57	46	34	34	0.0	0.0	0.4	203	18	44	743
25/11/2018 3:30	49	64	61	52	33	33	0.0	0.0	1.8	158	15	48	743
25/11/2018 3:45	50	66	64	52	34	34	0.0	0.0	1.3	248	14	52	743
25/11/2018 4:00	51	69	63	55	32	32	0.0	0.4	1.3	135	14	57	743
25/11/2018 4:15	54	68	64	58	36	36	0.0	0.4	2.2	160	14	56	743
25/11/2018 4:30	53	73	65	56	32	32	0.0	0.4	0.9	180	14	54	744
25/11/2018 4:45	48	73	61	47	33	33	0.0	0.0	0.9	45	14	50	744
25/11/2018 5:00	53	74	66	48	35	35	0.0	0.0	0.9	338	14	51	744
25/11/2018 5:15	47	71	55	48	37	37	0.0	0.4	1.3	90	15	46	744
25/11/2018 5:30	51	73	63	50	37	37	0.0	0.4	1.3	68	17	44	744
25/11/2018 5:45	48	68	60	49	36	36	0.0	0.0	0.0	0	18	43	744
25/11/2018 6:00	47	71	57	49	36	36	0.0	0.0	0.9	248	19	41	744
25/11/2018 6:15	47	70	54	49	35	35	0.0	0.0	1.3	225	19	41	745
25/11/2018 6:30	50	68	62	52	35	35	0.0	0.0	0.9	203	21	40	745
25/11/2018 6:45	47	68	58	47	33	33	0.0	0.0	1.3	158	22	39	744
25/11/2018 7:00	50	67	63	48	34	34	0.0	0.4	0.9	248	23	38	745
25/11/2018 7:15	47	66	60	48	34	34	0.0	0.4	1.8	293	25	29	745
25/11/2018 7:30	46	68	58	47	33	33	0.0	0.4	1.3	248	26	24	745
25/11/2018 7:45	53	73	68	49	33	33	0.0	0.4	1.8	293	27	24	745
25/11/2018 8:00	53	67	66	53	34	34	0.0	0.4	1.8	270	28	22	744
25/11/2018 8:15	46	68	57	44	36	36	0.0	0.4	2.2	270	28	22	744
25/11/2018 8:30	43	61	54	48	34	34	0.0	0.4	3.1	293	28	22	744
25/11/2018 8:45	51	73	64	47	34	34	0.0	0.9	3.6	293	28	22	744
25/11/2018 9:00	46	63	58	49	34	34	0.0	1.8	4.5	315	27	25	744
25/11/2018 9:15	45	60	55	47	36	36	0.0	1.3	3.6	338	27	26	744
25/11/2018 9:30	47	64	58	48	37	37	0.0	1.3	5.8	293	28	25	744
25/11/2018 9:45	48	59	54	50	42	42	0.0	1.8	4.5	315	29	23	744
25/11/2018 10:00	49	66	60	52	43	43	0.0	1.8	5.8	293	31	21	744
25/11/2018 10:15	50	62	58	53	43	43	0.0	1.8	7.6	248	32	18	743
25/11/2018 10:30	47	61	55	50	42	42	0.0	1.8	4.9	270	31	19	743
25/11/2018 10:45	48	67	58	48	40	40	0.0	1.3	4.5	225	30	20	743
25/11/2018 11:00	48	65	58	50	43	43	0.0	1.3	4.8	225	30	21	743
25/11/2018 11:15	47	65	58	49	39	39	0.0	1.3	5.4	225	31	20	743
25/11/2018 11:30	47	59	55	50	42	42	0.0	1.8	4.9	225	33	19	743
25/11/2018 11:45	47	62	54	49	41	41	0.0	2.2	5.4	225	35	17	743
25/11/2018 12:00	51	66	62	52	44	44	0.0	2.2	5.4	225	34	16	742
25/11/2018 12:15	49	56	53	51	44	44	0.0	1.8	6.3	225	35	19	742
25/11/2018 12:30	50	58	56	53	44	44	0.0	2.7	5.4	203	34	20	741
25/11/2018 12:45	48	60	53	51	42	42	0.0	2.2	4.9	203	35	20	742
25/11/2018 13:00	49	67	57	51	43	43	0.0	1.8	5.8	203	36	19	741
25/11/2018 13:15	50	69	60	53	44	44	0.0	2.2	4.9	203	35	19	741
25/11/2018 13:30	48	67	58	50	43	43	0.0	2.2	4.9	203	34	20	740
25/11/2018 13:45	48	61	55	50	41	41	0.0	2.2	5.4	203	34	20	740
25/11/2018 14:00	50	70	58	52	43	43	0.0	2.2	9.4	203	33	23	740
25/11/2018 14:15	48	66	56	50	43	43	0.0	1.8	4.9	203	32	24	740
25/11/2018 14:30	47	62	56	49	42	42	0.0	2.2	4.0	203	31	27	739
25/11/2018 14:45	52	74	59	51	42	42	0.0	2.2	4.9	203	32	26	740
25/11/2018 15:00	50	62	59	51	45	45	0.0	2.2	4.9	203	32	25	740
25/11/2018 15:15	47	65	54	49	42	42	0.0	1.8	4.0	203	30	26	740

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
25/11/2018 15:30	50	68	62	50	42	42	0.0	1.8	4.0	203	30	33	740
25/11/2018 15:45	47	63	58	49	40	40	0.0	1.3	4.9	180	33	26	741
25/11/2018 16:00	47	65	56	49	40	40	0.0	1.8	4.0	203	32	27	740
25/11/2018 16:15	49	70	62	48	41	40	0.0	2.2	4.9	203	32	26	740
25/11/2018 16:30	56	72	69	55	44	44	0.0	2.2	8.0	203	32	26	740
25/11/2018 16:45	54	70	67	55	41	40	0.0	1.8	4.0	203	32	26	740
25/11/2018 17:00	50	66	61	53	41	41	0.0	1.8	4.9	203	32	26	739
25/11/2018 17:15	47	71	56	48	41	41	0.0	1.3	3.6	203	31	27	739
25/11/2018 17:30	48	71	58	49	36	36	0.0	0.9	3.6	203	30	28	739
25/11/2018 17:45	47	64	59	47	36	36	0.0	0.9	3.1	203	29	30	739
25/11/2018 18:00	43	60	54	46	34	34	0.0	0.4	1.8	203	29	31	739
25/11/2018 18:15	48	74	58	47	32	32	0.0	1.3	4.0	203	30	26	743
25/11/2018 18:30	46	65	59	47	35	35	0.0	0.9	3.1</				

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
26/11/2018 9:00	44	61	57	45	32	0.0	0.9	2.2	158	32	23	743	
26/11/2018 9:15	39	55	51	41	31	0.0	1.3	4.0	203	32	23	743	
26/11/2018 9:30	44	65	53	46	37	0.0	1.8	5.4	203	32	22	743	
26/11/2018 9:45	46	63	57	47	37	0.0	2.2	4.9	203	32	22	743	
26/11/2018 10:00	48	60	55	51	42	0.0	1.8	4.0	225	33	22	743	
26/11/2018 10:15	49	60	58	52	43	0.0	1.8	4.9	225	33	20	743	
26/11/2018 10:30	46	60	55	48	41	0.0	1.8	6.3	203	34	19	743	
26/11/2018 10:45	48	67	58	48	38	0.0	2.2	5.8	225	34	21	742	
26/11/2018 11:00	46	64	58	48	37	0.0	1.3	4.5	225	34	20	743	
26/11/2018 11:15	44	60	54	47	35	0.0	2.7	5.8	203	35	18	742	
26/11/2018 11:30	47	64	58	60	37	0.0	2.2	7.2	203	35	18	742	
26/11/2018 11:45	51	71	62	52	38	0.0	2.7	6.7	203	35	17	742	
26/11/2018 12:00	47	62	54	50	49	0.0	3.1	5.8	203	35	17	742	
26/11/2018 12:15	46	64	54	48	38	0.0	2.2	6.3	225	35	16	742	
26/11/2018 12:30	44	53	50	47	38	0.0	2.2	6.3	203	36	16	742	
26/11/2018 12:45	46	63	55	46	36	0.0	1.8	5.4	203	36	16	742	
26/11/2018 13:00	44	62	54	46	35	0.0	2.2	5.4	180	36	15	742	
26/11/2018 13:15	44	56	51	47	37	0.0	1.3	3.1	225	37	15	742	
26/11/2018 13:30	44	56	51	47	39	0.0	1.8	5.4	203	36	15	742	
26/11/2018 13:45	48	60	58	50	39	0.0	1.3	4.5	180	37	15	742	
26/11/2018 14:00	49	62	60	52	38	0.0	2.2	5.4	203	37	15	742	
26/11/2018 14:15	46	63	55	49	38	0.0	1.8	5.8	203	36	16	741	
26/11/2018 14:30	49	64	60	52	39	0.0	2.2	5.4	203	36	15	742	
26/11/2018 14:45	47	68	59	46	36	0.0	1.8	4.9	225	36	14	742	
26/11/2018 15:00	47	69	58	49	35	0.0	1.8	4.5	225	36	15	742	
26/11/2018 15:15	40	67	61	49	40	0.0	1.8	5.4	225	36	14	742	
26/11/2018 15:30	57	82	70	51	43	0.0	1.3	4.0	203	36	14	742	
26/11/2018 15:45	45	60	53	47	41	0.0	1.3	4.0	203	36	14	742	
26/11/2018 16:00	47	63	56	46	43	0.0	1.3	3.6	203	36	14	742	
26/11/2018 16:15	45	64	50	46	41	0.0	1.3	4.5	203	36	14	742	
26/11/2018 16:30	49	67	61	50	38	0.0	1.8	4.5	203	36	12	742	
26/11/2018 16:45	45	70	52	47	38	0.0	1.3	4.5	203	35	14	742	
26/11/2018 17:00	48	69	60	47	37	0.0	0.9	3.1	203	35	14	742	
26/11/2018 17:15	49	65	61	50	39	0.0	0.9	2.7	180	34	15	742	
26/11/2018 17:30	53	72	68	54	38	0.0	3.1	8.0	90	30	42	742	
26/11/2018 17:45	57	80	64	58	47	0.0	3.6	6.3	90	27	47	743	
26/11/2018 18:00	54	65	62	56	50	0.0	2.7	8.0	90	26	50	743	
26/11/2018 18:15	53	70	59	55	47	0.0	3.1	6.7	90	25	52	743	
26/11/2018 18:30	51	65	59	54	46	0.0	3.1	7.6	90	24	53	744	
26/11/2018 18:45	46	65	52	49	42	0.0	2.7	5.8	90	24	54	744	
26/11/2018 19:00	56	62	62	60	44	0.0	2.7	5.8	90	23	55	744	
26/11/2018 19:15	61	65	63	63	58	0.0	2.7	5.8	90	23	56	745	
26/11/2018 19:30	62	65	64	64	59	0.0	2.7	7.6	90	23	57	745	
26/11/2018 19:45	63	65	64	64	60	0.0	2.7	5.8	90	22	57	745	
26/11/2018 20:00	63	65	64	64	60	0.0	3.6	6.7	90	22	57	745	
26/11/2018 20:15	63	64	64	64	60	0.0	3.1	5.8	90	22	58	745	
26/11/2018 20:30	62	64	64	64	49	0.0	3.6	6.3	90	22	59	745	
26/11/2018 20:45	62	64	64	63	57	0.0	4.0	7.6	90	22	60	746	
26/11/2018 21:00	61	69	64	62	58	0.0	3.1	5.8	90	22	61	746	
26/11/2018 21:15	61	65	64	63	58	0.0	2.2	4.9	90	21	62	746	
26/11/2018 21:30	61	64	63	57	0.0	0.9	3.1	90	21	63	746		
26/11/2018 21:45	62	64	64	64	58	0.0	0.0	0.0	0	21	64	746	
26/11/2018 22:00	63	63	60	42	0.0	0.0	0.0	0	0	20	65	747	
26/11/2018 22:15	47	61	55	48	41	0.0	0.0	0.0	0	20	67	747	
26/11/2018 22:30	47	61	49	47	45	0.0	0.0	0.0	0	19	68	747	
26/11/2018 22:45	54	61	58	56	48	0.0	0.0	0.0	0	19	71	747	
26/11/2018 23:00	55	57	56	56	52	0.0	0.0	0.0	0	18	73	747	
26/11/2018 23:15	57	61	60	60	52	0.0	0.0	0.0	0	18	74	747	
26/11/2018 23:30	55	62	60	59	50	0.0	0.0	0.0	0	18	76	746	
26/11/2018 23:45	53	73	56	55	45	0.0	0.0	0.0	0	17	77	746	
27/11/2018 0:00	46	51	48	47	45	0.0	0.0	0.0	0	17	78	746	
27/11/2018 0:15	50	71	60	47	42	0.0	0.0	0.0	0	16	80	746	
27/11/2018 0:30	45	48	47	46	44	0.0	0.0	0.0	0	16	82	746	
27/11/2018 0:45	46	62	55	46	41	0.0	0.0	0.0	0	16	83	746	
27/11/2018 1:00	44	51	49	46	40	0.0	0.0	0.0	0	16	84	746	
27/11/2018 1:15	43	49	46	45	39	0.0	0.0	0.0	0	16	85	746	
27/11/2018 1:30	46	64	59	43	37	0.0	0.0	0.0	0	16	86	746	
27/11/2018 1:45	41	61	48	41	35	0.0	0.0	0.0	0	15	87	746	
27/11/2018 2:00	43	51	48	46	36	0.0	0.0	0.0	0	15	85	746	
27/11/2018 2:15	49	61	58	52	42	0.0	0.0	0.0	0	15	87	746	

Noise Monitoring Data Sheet

Inland Rail

SITE ID

C2K_07

From	Tuesday 20/11/2018 14:15	Meas. Type	Free Field	Package	Calvert to Kaguru
To	Tuesday 27/11/2018 10:30	Mic. Height (m)	1.8	Address	182 Dwyers Road
Instrument Type	Rion NL-52	Weather Station	No	Suburb	Peaks Crossing
Instrument Serial #	00175550	Operator	LAN	Land Use	Residential
Inst. Cal. Date	16/05/2017	Sample Int.	15 min	Latitude	27°47'47.78"S
Pre Calibration	93.9	RP Lot#	5/RP859807	Longitude	152°45'13.31"E
Post Calibration	94.4				

Daytime

RBL **28.9 dB(A)**

Evening

RBL **29.4 dB(A)**

Night

RBL **22.0 dB(A)**

ABLs Day (Mon-Fri 7am - 6 pm)

ABLs Evening (Mon-Fri 6 pm - 10 pm)

ABLs Night (Mon - Thu, Sat - Sun 6pm - 7am)

ABLs Day (Sat 8 am - 1 pm)

ABLs Evening (Sat 1 pm - 10 pm)

ABLs Night (Fri 6pm - 8am)

ABLs Evening (Sun 7 am - 10 pm)

Tuesday 20/11/2018 **29.7 dB(A)**

Tuesday 20/11/2018 **29.4 dB(A)**

Tuesday 20/11/2018 **25 dB(A)**

Wednesday 21/11/2018 **28.9 dB(A)**

Wednesday 21/11/2018 **32.3 dB(A)**

Wednesday 21/11/2018 **32.5 dB(A)**

Thursday 22/11/2018 **32.2 dB(A)**

Thursday 22/11/2018 **34.9 dB(A)**

Thursday 22/11/2018 **23.3 dB(A)**

Friday 23/11/2018 **33 dB(A)**

Friday 23/11/2018 **22.9 dB(A)**

Friday 23/11/2018 **<22 dB(A)**

Saturday 24/11/2018 **27.2 dB(A)**

Saturday 24/11/2018 **24.7 dB(A)**

Saturday 24/11/2018 **<22 dB(A)**

Sunday 25/11/2018 **22.7 dB(A)**

Sunday 25/11/2018 **22.7 dB(A)**

Sunday 25/11/2018 **<22 dB(A)**

Monday 26/11/2018 **25.2 dB(A)**

Monday 26/11/2018 **32.2 dB(A)**

Monday 26/11/2018 **<22 dB(A)**

Tuesday 27/11/2018 **27.2 dB(A)**

Site Diagram - Diagram



Google Earth

Inland Rail

Project:60553814

Imagery date: 9/2/2018 27°47'48.29"S 152°45'13.52"E elev: 67 m eye alt: 267 m
 Future Freight
Integrating Community, Environment and Engineering

Site Attended Measurements Summary

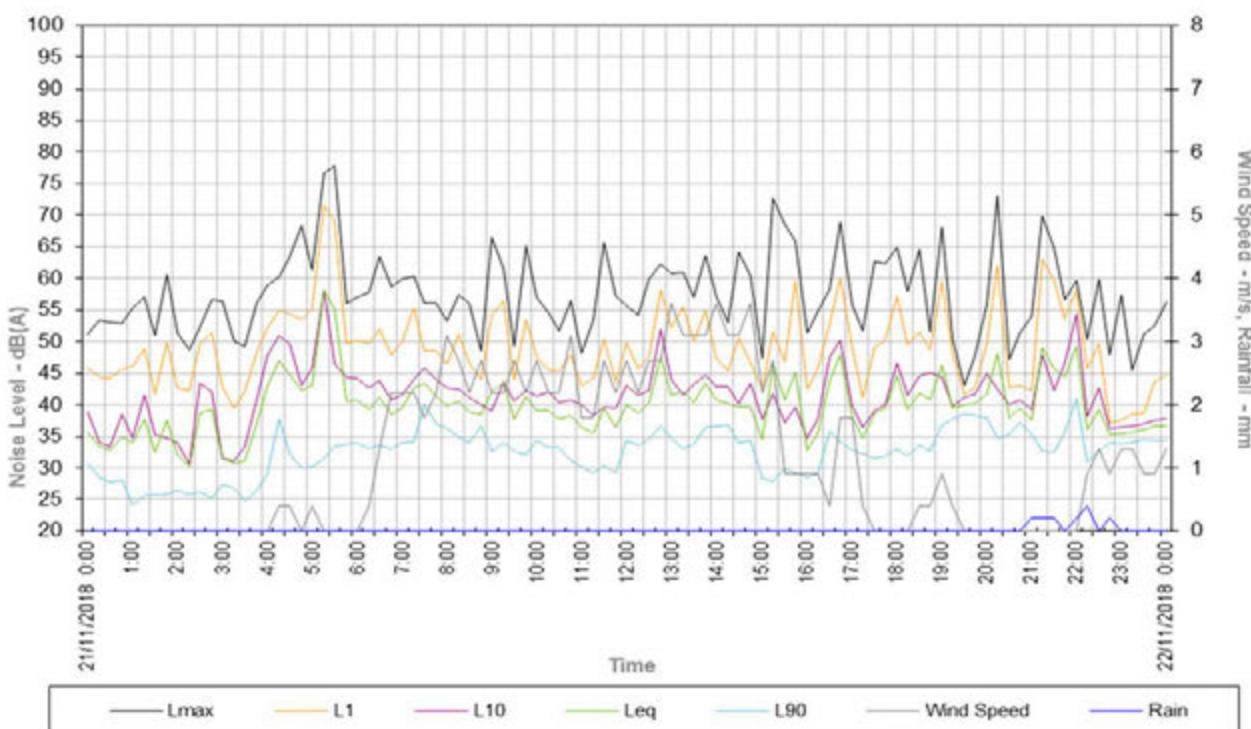
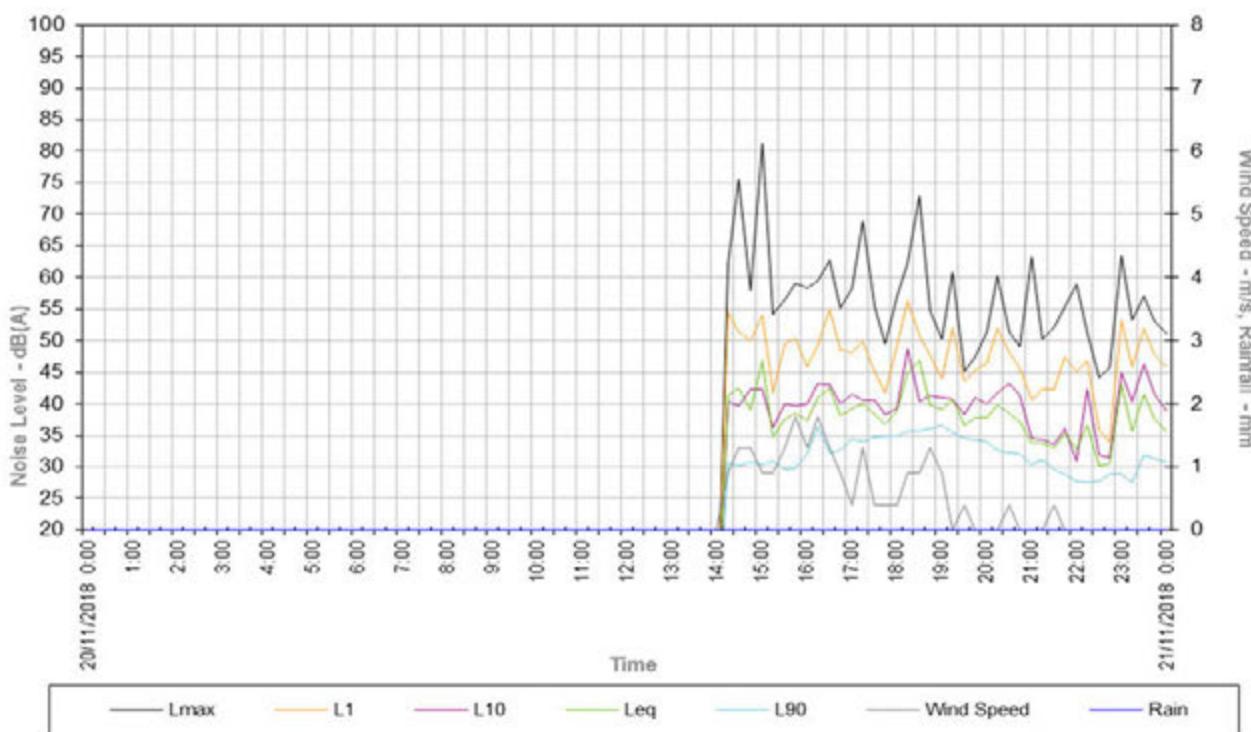
Date	Start	Type	Measurement					Weather Conditions	Comply	End
			Lmax	L1	L10	L90	Leq			
20/11/2018	2:15 PM	Attended	62.1	53.6	39.7	30.1	40.6		Pass	2:30 PM
		Logged	62.2	54.5	40.4	30.7	41.4			
		Difference	-0.1	-0.9	-0.7	-0.6	-0.8			
Comments		00:50 of Aeroplane at 49-62 dB(A), 00:10 of Bird at 38-43 dB(A), 14:00 of Distant Traffic at 31-32 dB(A)								
27/11/2018	10:30 AM	Attended	65.7	56.9	49.8	28.1	45.7		Pass	10:45 AM
		Logged	66.9	57.4	51.0	28.4	46.7			
		Difference	-1.2	-0.5	-1.2	-0.3	-1.0			
Comments		00:30 of Aeroplane at 41-65 dB(A), 01:05 of Car at 32-37 dB(A), 13:25 of Distant Traffic at 28-31 dB(A)								

Photos



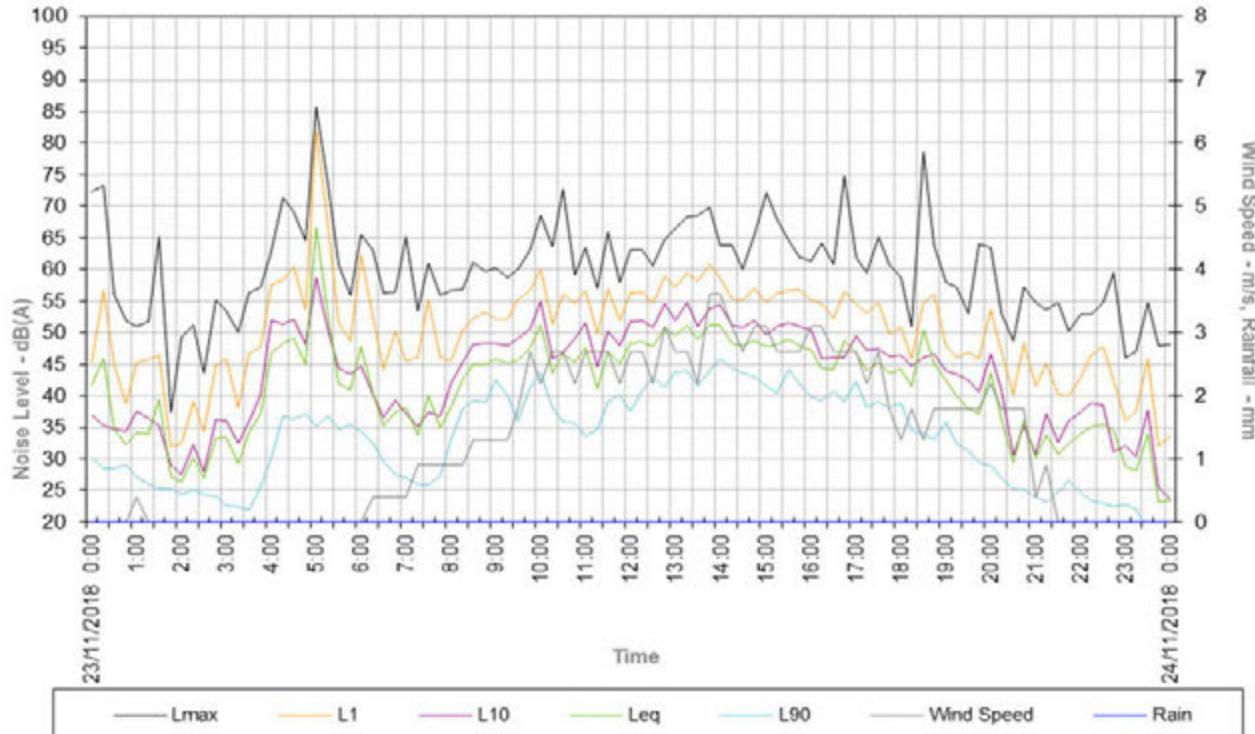
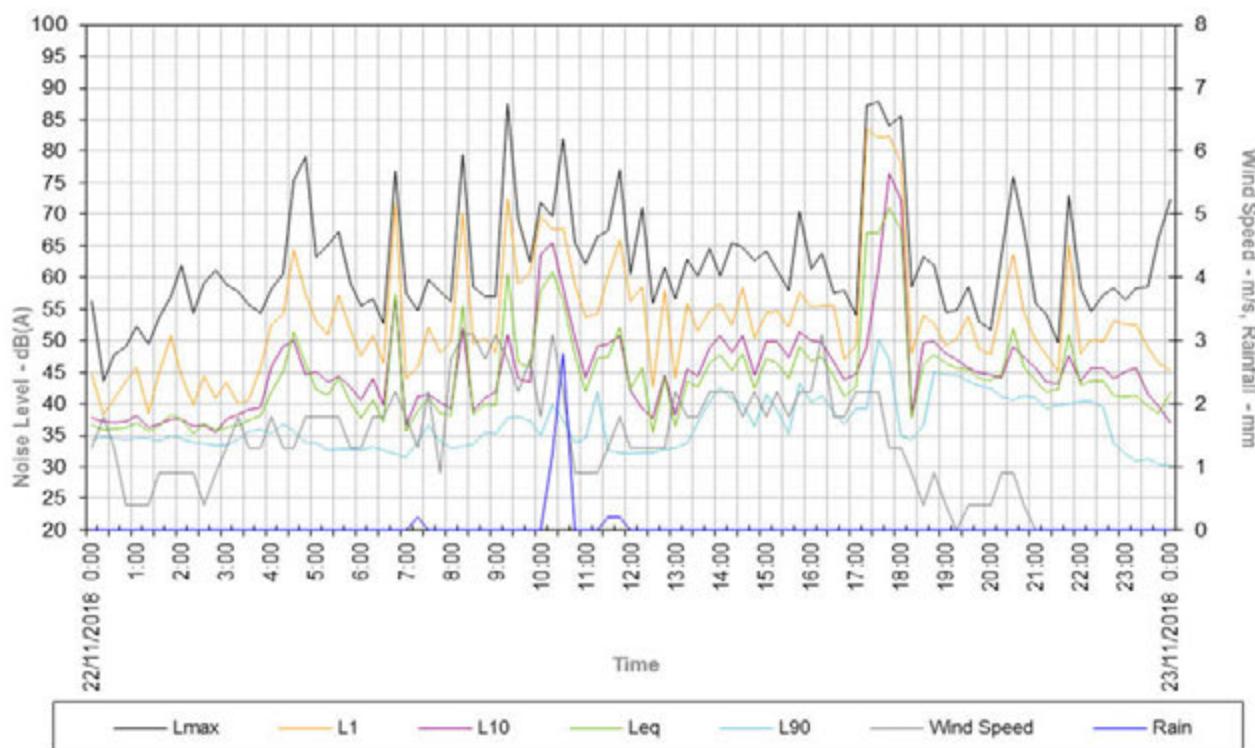
Site Noise and Weather Graphical Analysis

182 Dwyers Road



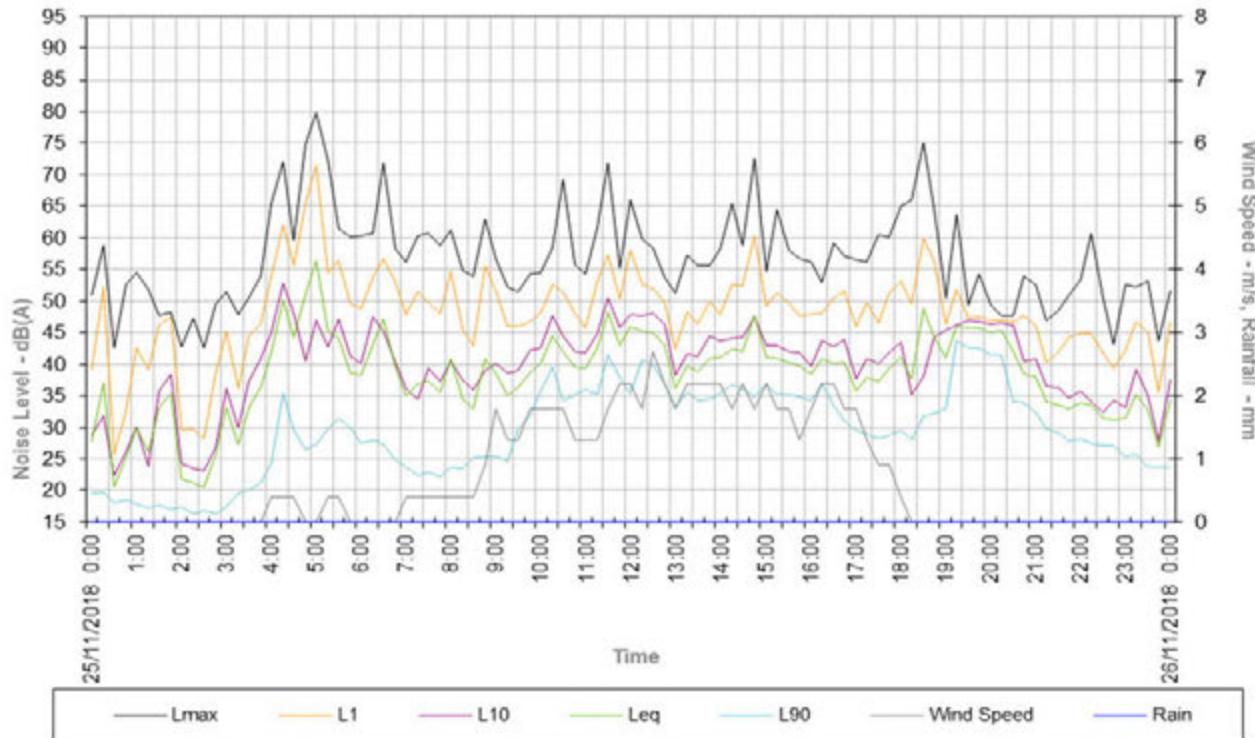
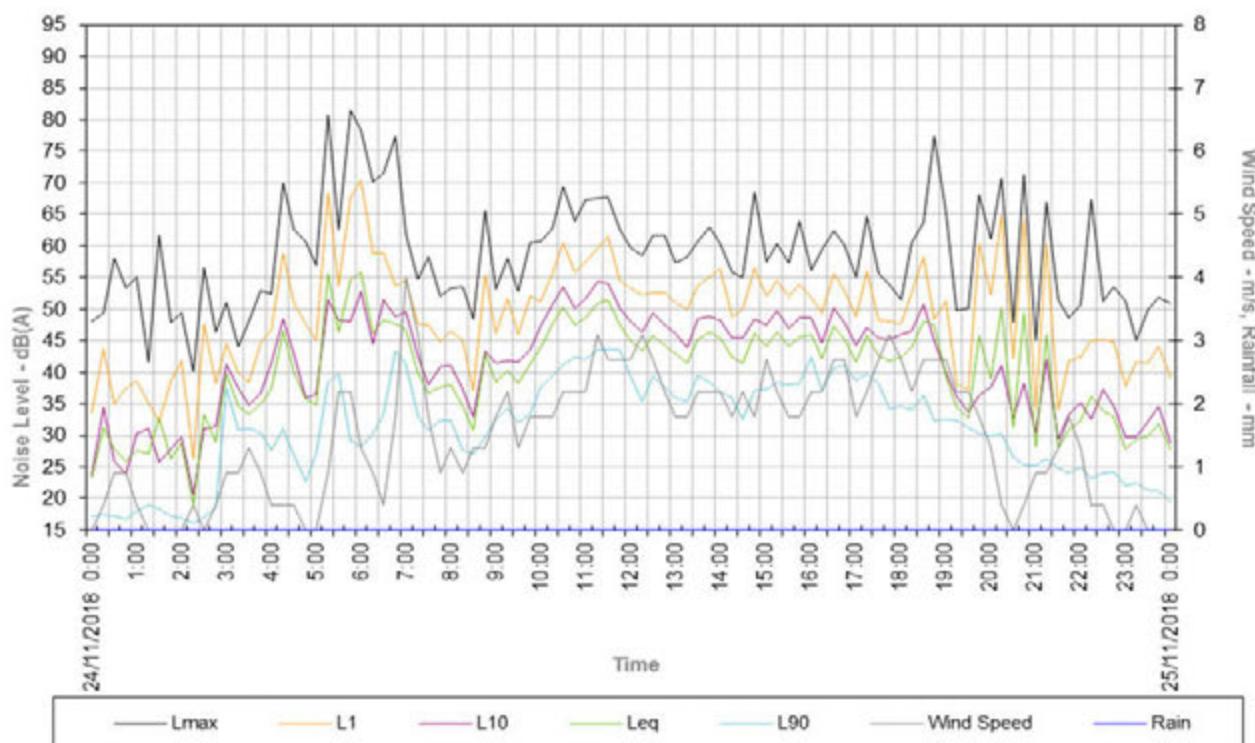
Site Noise and Weather Graphical Analysis

182 Dwyers Road



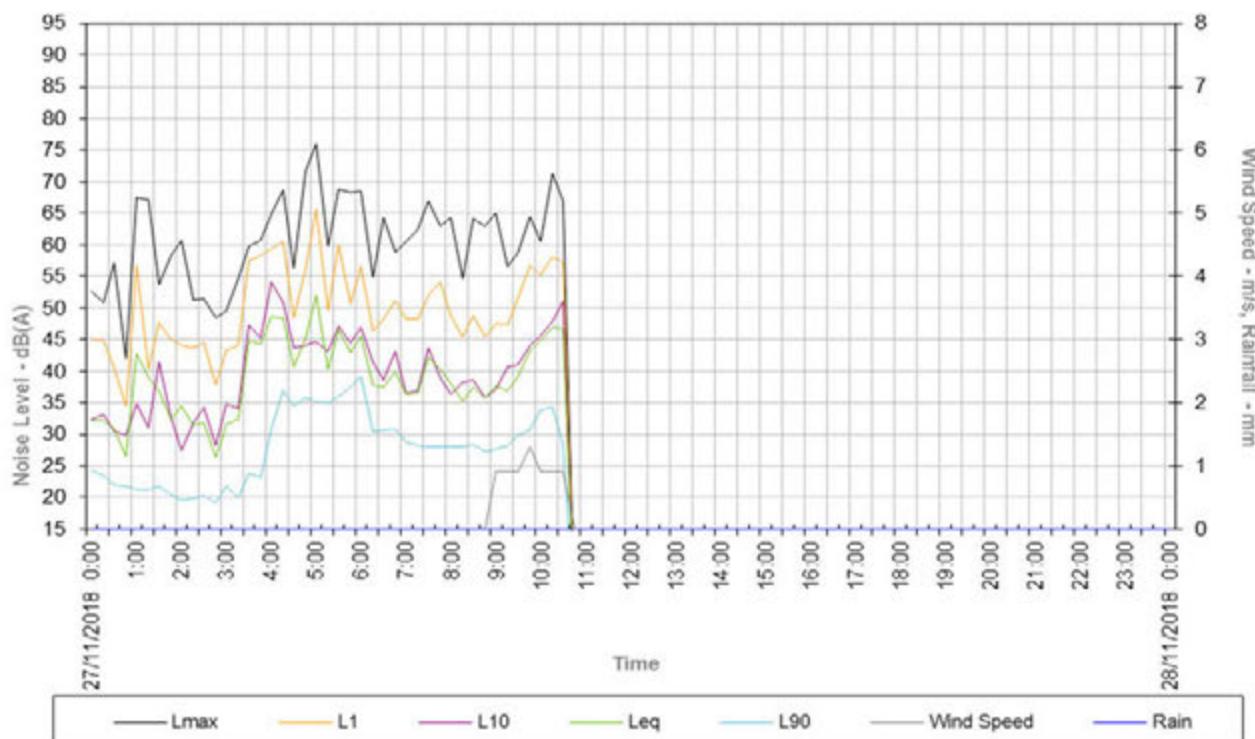
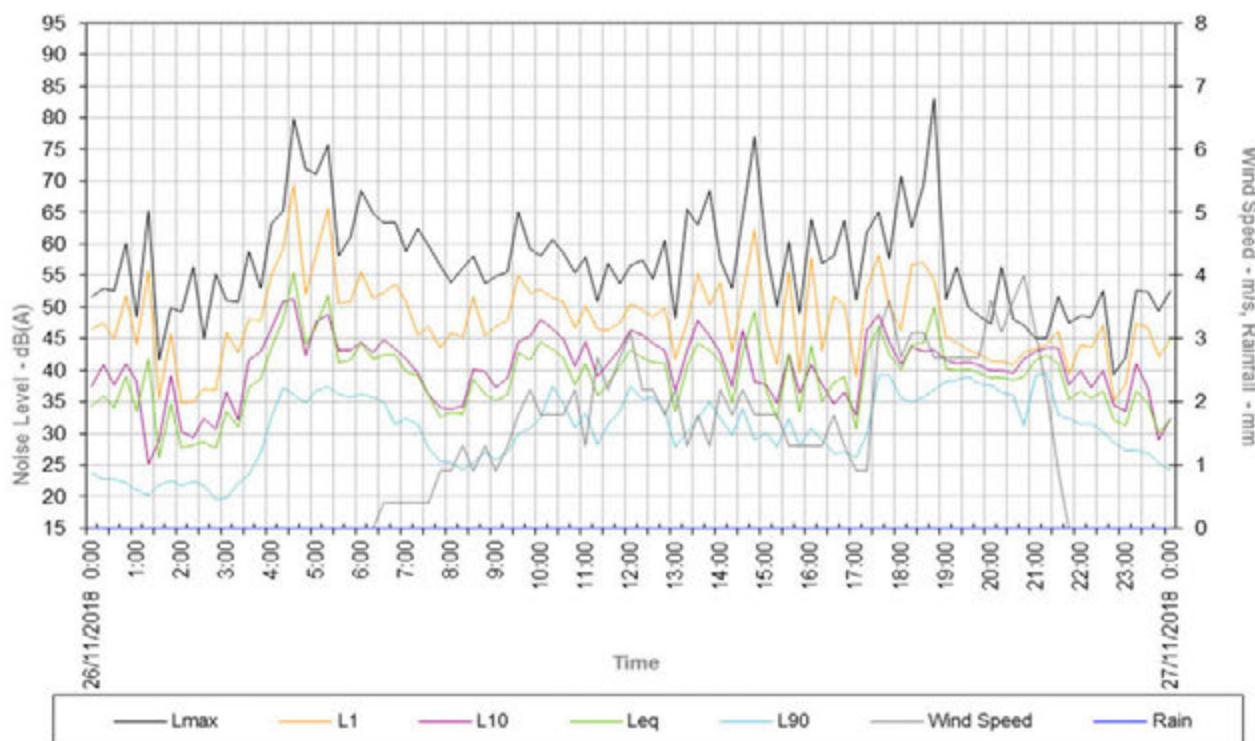
Site Noise and Weather Graphical Analysis

182 Dwyers Road



Site Noise and Weather Graphical Analysis

182 Dwyers Road



Logged Noise and Weather Data											
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max. Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)
20/11/2018 14:15	41	62	55	40	31	0.0	0.9	3.6	338	30	38
20/11/2018 14:30	42	76	51	40	30	0.0	1.3	3.6	23	31	39
20/11/2018 14:45	39	58	50	42	31	0.0	1.3	4.5	23	29	41
20/11/2018 15:00	47	81	54	42	30	0.0	0.9	3.6	23	29	42
20/11/2018 15:15	35	54	42	36	31	0.0	0.9	3.6	23	29	43
20/11/2018 15:30	38	57	49	40	30	0.0	1.3	4.9	23	30	42
20/11/2018 15:45	39	69	51	40	30	0.0	1.8	4.9	23	29	44
20/11/2018 16:00	37	58	46	40	32	0.0	1.3	4.5	0	28	46
20/11/2018 16:15	41	59	49	43	37	0.0	1.8	4.5	23	29	45
20/11/2018 16:30	42	63	55	43	32	0.0	1.3	4.0	23	29	44
20/11/2018 16:45	38	55	49	40	33	0.0	0.9	4.0	23	29	45
20/11/2018 17:00	39	58	48	42	35	0.0	0.4	3.6	23	28	46
20/11/2018 17:15	40	69	50	41	34	0.0	1.3	4.0	23	27	48
20/11/2018 17:30	38	56	45	41	35	0.0	0.4	2.2	23	28	50
20/11/2018 17:45	37	49	42	38	35	0.0	0.4	3.6	90	26	51
20/11/2018 18:00	39	57	49	39	35	0.0	0.4	3.6	113	25	53
20/11/2018 18:15	45	62	56	49	36	0.0	0.9	3.6	113	24	55
20/11/2018 18:30	47	73	51	40	36	0.0	0.9	3.6	90	24	56
20/11/2018 18:45	40	55	48	41	36	0.0	1.3	4.9	90	23	58
20/11/2018 19:00	39	60	44	41	37	0.0	0.9	4.0	113	23	59
20/11/2018 19:15	41	61	52	41	38	0.0	0.0	1.3	90	23	60
20/11/2018 19:30	37	45	44	38	35	0.0	0.4	3.6	90	23	61
20/11/2018 19:45	38	47	45	41	34	0.0	0.0	0.9	225	22	64
20/11/2018 20:00	38	51	47	40	34	0.0	0.0	1.3	225	22	65
20/11/2018 20:15	40	60	52	42	33	0.0	0.0	0.4	180	21	67
20/11/2018 20:30	39	51	48	43	32	0.0	0.4	4.0	225	21	68
20/11/2018 20:45	37	49	46	41	32	0.0	0.0	1.3	0	21	68
20/11/2018 21:00	34	63	41	35	30	0.0	0.0	1.3	203	21	68
20/11/2018 21:15	34	50	42	34	31	0.0	0.0	0.9	203	21	68
20/11/2018 21:30	33	52	42	34	30	0.0	0.4	6.7	90	21	67
20/11/2018 21:45	35	55	47	36	29	0.0	0.0	2.2	0	21	67
20/11/2018 22:00	33	59	45	31	28	0.0	0.0	0.9	113	21	67
20/11/2018 22:15	37	51	47	42	28	0.0	0.0	0.4	90	20	69
20/11/2018 22:30	30	44	36	32	28	0.0	0.0	1.8	90	20	70
20/11/2018 22:45	31	46	34	32	29	0.0	0.0	2.2	90	20	70
20/11/2018 23:00	43	63	53	46	29	0.0	0.0	0.0	0	20	70
20/11/2018 23:15	36	63	46	40	28	0.0	0.0	0.9	158	20	72
20/11/2018 23:30	42	57	52	46	32	0.0	0.0	0.4	203	20	73
20/11/2018 23:45	38	53	48	42	31	0.0	0.0	0.9	180	19	74
21/11/2018 00:00	36	51	46	39	31	0.0	0.0	0.0	0	19	75
21/11/2018 00:15	33	54	44	34	28	0.0	0.0	0.0	0	19	75
21/11/2018 00:30	33	53	44	33	28	0.0	0.0	0.0	0	18	77
21/11/2018 00:45	35	53	46	39	28	0.0	0.0	0.0	0	18	79
21/11/2018 01:00	34	55	46	35	24	0.0	0.0	0.0	0	18	81
21/11/2018 01:15	38	57	49	42	26	0.0	0.0	0.0	0	18	81
21/11/2018 01:30	32	51	42	35	26	0.0	0.0	0.4	158	17	82
21/11/2018 01:45	38	61	50	35	26	0.0	0.0	0.0	0	17	82
21/11/2018 02:00	32	51	43	34	27	0.0	0.0	0.0	0	17	83
21/11/2018 02:15	30	49	42	31	26	0.0	0.0	0.0	0	17	84
21/11/2018 02:30	39	52	50	43	26	0.0	0.0	0.0	0	17	85
21/11/2018 02:45	39	57	51	42	25	0.0	0.0	0.9	338	17	85
21/11/2018 03:00	32	57	43	32	27	0.0	0.0	0.9	180	17	85
21/11/2018 03:15	31	50	39	31	27	0.0	0.0	1.3	315	17	86
21/11/2018 03:30	31	49	42	33	25	0.0	0.0	1.3	338	18	82
21/11/2018 03:45	37	56	48	41	27	0.0	0.0	2.2	315	19	81
21/11/2018 04:00	43	59	52	48	29	0.0	0.0	1.3	338	19	81
21/11/2018 04:15	47	60	55	51	38	0.0	0.4	3.6	338	19	78
21/11/2018 04:30	45	63	54	50	32	0.0	0.4	2.2	315	19	79
21/11/2018 04:45	42	68	53	43	30	0.0	0.0	1.3	315	19	79
21/11/2018 05:00	43	61	55	46	30	0.0	0.4	2.2	315	19	79
21/11/2018 05:15	58	77	72	58	32	0.0	0.0	0.9	315	19	78
21/11/2018 05:30	55	78	69	47	33	0.0	0.0	1.3	0	20	76
21/11/2018 05:45	41	56	50	44	34	0.0	0.0	1.3	248	20	75
21/11/2018 06:00	41	57	50	44	34	0.0	0.0	1.3	315	21	73
21/11/2018 06:15	39	58	50	43	33	0.0	0.4	4.0	315	22	72
21/11/2018 06:30	41	64	52	44	34	0.0	1.3	4.0	315	22	70
21/11/2018 06:45	39	59	48	41	33	0.0	2.2	5.8	315	22	69
21/11/2018 07:00	40	60	50	42	34	0.0	2.2	6.3	338	23	67
21/11/2018 07:15	43	61	55	44	34	0.0	2.2	7.2	315	24	66
21/11/2018 07:30	43	56	49	46	40	0.0	1.8	4.0	315	24	63
21/11/2018 07:45	43	57	49	42	36	0.0	0.0	0.0	0	18	74
21/11/2018 08:00	41	58	50	43	33	0.0	0.4	0.9	2.2	25	60
21/11/2018 08:15	40	59	51	44	34	0.0	0.4	0.9	3.1	25	59
21/11/2018 08:30	42	60	52	45	35	0.0	0.4	0.9	3.1	25	59
21/11/2018 08:45	43	61	53	46	36	0.0	0.4	0.9	3.1	25	59
21/11/2018 09:00	37	56	45	36	34	0.0	0.0	1.3	4.0	23	89
21/11/2018 09:15	44	58	48	41	37	0.0	0.4	2.7	315	23	87
21/11/2018 09:30	36	48	41	37	35	0.0	0.0	1.3	4.0	23	89
21/11/2018 09:45	36	49	44	37	34	0.0	0.4	2.7	315	23	89
21/11/2018 10:00	37	52	46	38	35	0.0	0.0	0.4	0.0	293	23

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (hPa)
22/11/2018 1:15	36	40	39	36	35	36	0.0	0.4	1.8	315	23	89	745
22/11/2018 1:30	36	54	45	37	34	35	0.0	0.9	3.1	315	23	90	745
22/11/2018 1:45	38	57	51	38	35	36	0.0	0.9	3.6	315	23	89	745
22/11/2018 2:00	38	62	44	38	35	36	0.0	0.9	4.0	315	23	89	744
22/11/2018 2:15	35	54	40	37	34	36	0.0	0.9	3.6	315	23	90	744
22/11/2018 2:30	37	59	44	37	34	36	0.0	0.4	1.8	293	23	90	744
22/11/2018 2:45	36	61	41	36	33	36	0.0	0.9	4.0	315	23	90	744
22/11/2018 3:00	36	59	44	38	33	36	0.0	1.3	4.0	315	23	89	744
22/11/2018 3:15	37	58	40	38	34	36	0.0	1.8	4.9	315	23	89	744
22/11/2018 3:30	37	58	41	39	36	36	0.0	1.3	4.0	315	23	89	744
22/11/2018 3:45	38	54	46	40	36	36	0.0	1.3	4.6	338	23	89	744
22/11/2018 4:00	42	58	52	46	36	36	0.0	1.8	4.0	315	23	89	744
22/11/2018 4:15	45	61	54	49	37	37	0.0	1.3	4.5	315	23	88	744
22/11/2018 4:30	51	75	64	50	36	36	0.0	1.3	4.5	315	23	88	744
22/11/2018 4:45	46	79	57	45	34	36	0.0	1.8	4.0	315	23	88	744
22/11/2018 5:00	42	63	53	45	34	36	0.0	1.8	4.9	315	23	88	744
22/11/2018 5:15	41	65	51	44	33	36	0.0	1.8	4.5	315	23	88	744
22/11/2018 5:30	44	67	57	44	33	36	0.0	1.8	5.8	315	23	88	744
22/11/2018 5:45	40	59	52	43	33	36	0.0	1.3	4.0	338	23	88	744
22/11/2018 6:00	38	56	48	41	33	36	0.0	1.3	4.0	315	23	88	744
22/11/2018 6:15	41	57	51	44	33	36	0.0	1.8	4.5	315	24	87	744
22/11/2018 6:30	37	53	47	40	33	36	0.0	1.8	4.9	315	24	87	744
22/11/2018 6:45	57	77	72	57	32	36	0.0	2.2	4.5	315	24	88	744
22/11/2018 7:00	36	68	44	36	32	36	0.0	1.8	4.5	315	24	88	744
22/11/2018 7:15	39	55	46	41	34	32	0.2	1.3	4.5	315	23	91	744
22/11/2018 7:30	41	60	52	42	37	37	0.0	2.2	5.4	315	24	89	744
22/11/2018 7:45	39	58	48	40	34	36	0.0	0.9	5.8	270	24	91	745
22/11/2018 8:00	38	56	50	39	33	36	0.0	2.7	6.7	315	25	84	745
22/11/2018 8:15	56	80	70	52	33	36	0.0	3.1	7.2	315	25	81	744
22/11/2018 8:30	38	59	49	39	34	36	0.0	3.1	6.7	315	26	80	745
22/11/2018 8:45	40	57	50	41	35	36	0.0	2.7	6.3	315	28	75	745
22/11/2018 9:00	40	57	48	42	35	36	0.0	3.1	6.7	315	28	74	744
22/11/2018 9:15	61	88	73	51	38	36	0.0	2.7	7.2	315	28	70	744
22/11/2018 9:30	47	69	58	44	38	36	0.0	2.2	5.8	315	28	69	744
22/11/2018 9:45	46	63	61	43	37	36	0.0	2.7	6.3	315	28	69	744
22/11/2018 10:00	58	72	70	64	35	36	0.0	1.8	6.7	315	28	69	743
22/11/2018 10:15	61	70	68	66	40	1.2	3.1	6.3	293	24	65	744	
22/11/2018 10:30	57	82	68	58	38	2.8	2.2	5.4	203	21	92	743	
22/11/2018 10:45	48	66	59	51	34	0.0	0.9	3.1	315	21	95	744	
22/11/2018 11:00	42	62	54	44	38	0.0	0.9	4.5	315	21	94	744	
22/11/2018 11:15	47	66	64	49	42	0.0	0.9	4.5	315	22	94	744	
22/11/2018 11:30	47	68	60	50	33	0.2	1.3	3.6	315	22	94	744	
22/11/2018 11:45	52	77	66	51	32	0.2	1.8	4.5	338	22	92	744	
22/11/2018 12:00	42	61	56	42	32	0.0	1.3	4.0	338	22	94	744	
22/11/2018 12:15	46	71	59	39	32	0.0	1.3	4.0	315	23	90	745	
22/11/2018 12:30	35	56	43	38	32	0.0	1.3	4.0	315	24	85	745	
22/11/2018 12:45	44	62	58	45	33	0.0	1.3	3.6	293	25	74	744	
22/11/2018 13:00	37	57	44	38	33	0.0	2.2	4.9	315	25	70	744	
22/11/2018 13:15	44	63	56	46	34	0.0	1.8	4.5	315	26	69	744	
22/11/2018 13:30	43	60	52	44	37	0.0	1.8	5.4	315	26	62	744	
22/11/2018 13:45	46	65	55	49	40	0.0	2.2	4.9	315	26	57	743	
22/11/2018 14:00	48	60	56	51	43	0.0	2.2	4.9	293	30	53	743	
22/11/2018 14:15	45	66	53	48	41	0.0	2.2	8.0	225	30	61	743	
22/11/2018 14:30	48	65	58	51	40	0.0	1.8	5.8	225	31	49	743	
22/11/2018 14:45	43	63	51	45	38	0.0	2.2	6.7	225	32	45	743	
22/11/2018 15:00	47	64	54	50	42	0.0	1.8	7.2	270	30	47	742	
22/11/2018 15:15	47	61	55	50	39	0.0	2.2	9.8	225	30	47	742	
22/11/2018 15:30	44	58	52	47	35	0.0	1.8	7.2	225	30	44	742	
22/11/2018 15:45	49	70	58	51	43	0.0	2.2	6.3	225	31	43	742	
22/11/2018 16:00	47	61	55	50	40	0.0	2.2	5.8	225	30	42	742	
22/11/2018 16:15	47	64	56	50	41	0.0	3.1	6.3	270	30	44	742	
22/11/2018 16:30	44	58	56	47	39	0.0	1.8	4.9	270	29	45	742	
22/11/2018 16:45	41	58	47	44	37	0.0	1.8	4.9	225	30	44	742	
22/11/2018 17:00	43	54	49	45	39	0.0	2.2	5.8	225	30	41	742	
22/11/2018 17:15	67	87	84	49	39	0.0	2.2	5.4	225	30	41	742	
22/11/2018 17:30	67	88	82	62	80	0.0	2.2	5.4	225	28	42	742	
22/11/2018 17:45	71	84	82	76	47	0.0	1.3	4.5	225	28	44	743	
22/11/2018 18:00	68	86	78	72	36	0.0	1.3	3.1	225	27	43	743	
22/11/2018 18:15	38	59	48	38	34	0.0	0.9	2.7	225	27	46	743	
22/11/2018 18:30	46	63	54	50	37	0.0	0.4	2.2	225	26	49	743	
22/11/2018 18:45	48	62	53	49	36	0.0	0.4	2.2	225	26	49	743	
22/11/2018 19:00	46	63	54	50	45	0.0	0.4	2.2	225	25	49	743	
22/11/2018 19:15	48	66	57	53	49	0.0	0.4	2.2	225	25	51	743	
22/11/2018 19:30	45	61	52	48	39	0.0	0.4	2.2	225	24	54	743	
22/11/2018 19:45	46	65	59	54	46	0.0	0.4	2.2	225	24	54	743	
22/11/2018 19:50	47	63	56	47	36	0.0	0.4	2.2	225	24	54	743	
22/11/2018 19:55	48	66	57	53	49	0.0	0.4	2.2	225	23	56	743	
22/11/2018 20:00	46	63	54	50	45	0.0	0.4	2.2	225	23	56	743	
22/11/2018 20:05	47	64	58	55	46	0.0	0.4	2.2	225	23	56	743	
22/11/2018 20:10	48	67	61	57	47	0.0	0.4	2.2	225	23	56	743	
22/11/2018 20:15	49	70	64	59	48	0.0	0.4	2.2	225	23	56	743	
22/11/2018 20:20	46	63	56	47	36	0.0	0.4	2.2	225	23	56	743	
22/11/2018 20:25	47	64	59	53	49	0.0	0.4	2.2	225	23	56	743	
22/11/2018 20:30	48	66	61	57	47	0.0	0.4	2.2	225	23	56	743	
22/11/2018 20:35	49	69	64	59	48	0.0	0.4	2.2	225	23	56	743	
22/11/2018 20:40	46	66	61	57	48	0.0	0.4	2.2	225	23	56	743	
22/11/2018 20:45	47	69	64	59	49	0.0	0.4	2.2	225	23	56	743	
22/11/2018 20:50	48	71	67	61	57	0.0	0.4	2.2	225	23	56	743	
22/11/2018 20:55	49	74	67	61	57	0.0	0.4	2.2	225	23	56	743	
22/11/2018 21:00	46	63	59	54	49	0.0	0.4	2.2	225	23	56	743	
22/11/2018 21:05	47	64	56	51	49	0.0	0.4	2.					

Logged Noise and Weather Data														
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (hPa)	
23/11/2018 12:15	49	63	57	52	41	0.0	2.7	10.3	225	31	17	745		
23/11/2018 12:30	48	61	55	51	43	0.0	2.2	5.8	225	32	18	745		
23/11/2018 12:45	51	65	59	55	41	0.0	3.1	6.7	225	31	18	744		
23/11/2018 13:00	49	66	57	52	44	0.0	2.7	6.7	225	31	18	744		
23/11/2018 13:15	51	68	60	55	44	0.0	2.7	7.6	225	31	17	744		
23/11/2018 13:30	49	69	58	51	42	0.0	2.2	6.7	225	32	17	744		
23/11/2018 13:45	51	70	61	54	44	0.0	3.6	11.2	248	31	19	744		
23/11/2018 14:00	51	64	59	54	46	0.0	3.6	8.0	225	30	17	744		
23/11/2018 14:15	48	64	55	51	44	0.0	3.1	6.7	225	31	16	744		
23/11/2018 14:30	48	60	55	51	44	0.0	2.7	8.5	225	31	16	744		
23/11/2018 14:45	49	66	67	62	43	0.0	3.1	8.9	225	31	17	744		
23/11/2018 15:00	48	72	66	60	42	0.0	3.1	8.0	226	30	19	744		
23/11/2018 15:15	48	68	66	51	40	0.0	2.7	6.3	225	30	19	743		
23/11/2018 15:30	49	65	57	52	44	0.0	2.7	6.7	225	31	17	744		
23/11/2018 15:45	48	62	57	51	42	0.0	2.7	6.3	225	30	16	743		
23/11/2018 16:00	47	61	55	50	40	0.0	3.1	8.0	225	30	16	743		
23/11/2018 16:15	44	64	55	46	39	0.0	3.1	7.6	225	29	17	743		
23/11/2018 16:30	44	61	52	46	41	0.0	2.7	6.3	225	29	17	743		
23/11/2018 16:45	49	75	56	46	39	0.0	2.7	7.2	225	29	19	743		
23/11/2018 17:00	47	62	55	50	42	0.0	2.7	6.7	225	28	18	743		
23/11/2018 17:15	44	59	53	47	38	0.0	2.2	6.7	225	27	19	743		
23/11/2018 17:30	45	65	55	47	39	0.0	2.7	5.4	225	27	19	743		
23/11/2018 17:45	44	61	50	46	38	0.0	1.8	4.0	225	26	21	744		
23/11/2018 18:00	44	59	51	46	39	0.0	1.3	4.0	225	26	22	744		
23/11/2018 18:15	42	51	46	45	36	0.0	1.8	6.7	225	24	23	744		
23/11/2018 18:30	50	79	65	46	34	0.0	1.3	4.9	225	24	25	744		
23/11/2018 18:45	45	64	56	47	33	0.0	1.8	4.9	203	23	24	744		
23/11/2018 19:00	43	58	48	44	36	0.0	1.8	3.6	203	23	25	744		
23/11/2018 19:15	40	57	46	44	33	0.0	1.8	4.5	203	23	26	745		
23/11/2018 19:30	38	53	47	42	31	0.0	1.8	4.9	203	23	26	745		
23/11/2018 19:45	37	64	46	41	30	0.0	1.8	2.7	203	22	27	745		
23/11/2018 20:00	44	64	54	47	29	0.0	2.2	4.5	203	23	28	745		
23/11/2018 20:15	37	53	47	41	27	0.0	1.8	3.6	225	22	27	745		
23/11/2018 20:30	30	49	40	31	25	0.0	1.8	4.0	203	22	28	745		
23/11/2018 20:45	36	57	48	35	25	0.0	1.8	3.6	203	22	29	745		
23/11/2018 21:00	30	55	42	31	24	0.0	0.4	2.7	225	21	29	745		
23/11/2018 21:15	34	54	45	37	23	0.0	0.9	4.9	225	22	28	745		
23/11/2018 21:30	31	55	40	33	25	0.0	0.0	1.8	293	22	29	745		
23/11/2018 21:45	32	50	40	36	27	0.0	0.0	0.9	338	21	32	745		
23/11/2018 22:00	34	53	43	37	28	0.0	0.0	0.4	0	20	33	745		
23/11/2018 22:15	36	53	46	39	23	0.0	0.0	0.4	0	19	34	745		
23/11/2018 22:30	35	56	48	39	23	0.0	0.0	1.3	45	19	35	745		
23/11/2018 22:45	36	60	42	31	22	0.0	0.0	0.9	203	19	33	745		
23/11/2018 23:00	29	46	36	32	23	0.0	0.0	0.4	0	19	33	745		
23/11/2018 23:15	28	47	38	30	22	0.0	0.0	0.9	225	19	34	745		
23/11/2018 23:30	34	55	46	38	19	0.0	0.0	1.3	203	18	39	745		
23/11/2018 23:45	23	48	32	25	17	0.0	0.0	1.3	338	18	36	745		
24/11/2018 0:00	23	48	34	24	17	0.0	0.0	1.3	113	18	37	744		
24/11/2018 0:15	31	49	44	34	17	0.0	0.4	2.7	225	18	38	744		
24/11/2018 0:30	28	58	35	26	17	0.0	0.9	3.1	225	19	33	744		
24/11/2018 0:45	26	53	37	24	17	0.0	0.9	3.1	270	20	32	744		
24/11/2018 1:00	28	55	39	30	18	0.0	0.4	1.8	270	20	30	744		
24/11/2018 1:15	27	42	36	31	19	0.0	0.0	0.9	270	20	30	744		
24/11/2018 1:30	33	62	32	26	18	0.0	0.0	0.4	248	19	31	744		
24/11/2018 1:45	26	48	39	28	17	0.0	0.0	0.0	0	19	40	743		
24/11/2018 2:00	29	49	42	30	17	0.0	0.0	1.3	158	17	37	744		
24/11/2018 2:15	19	40	26	21	16	0.0	0.4	3.6	203	17	38	744		
24/11/2018 2:30	33	57	46	31	17	0.0	0.0	1.3	135	17	45	744		
24/11/2018 2:45	29	46	38	32	19	0.0	0.4	2.7	135	16	41	744		
24/11/2018 3:00	40	51	45	41	37	0.0	0.9	2.7	203	17	38	745		
24/11/2018 3:15	35	44	40	38	31	0.0	0.9	2.2	203	18	34	745		
24/11/2018 3:30	33	48	39	35	31	0.0	1.3	3.6	203	19	32	745		
24/11/2018 3:45	35	53	45	37	30	0.0	0.9	3.1	203	19	33	745		
24/11/2018 4:00	37	52	47	42	28	0.0	0.4	1.8	293	18	34	744		
24/11/2018 4:15	47	70	59	49	31	0.0	0.4	3.1	203	18	33	745		
24/11/2018 4:30	40	63	61	43	27	0.0	0.4	1.8	203	18	35	745		
24/11/2018 4:45	36	61	48	36	23	0.0	0.0	0.9	293	18	34	745		
24/11/2018 5:00	35	57	45	37	27	0.0	0.0	0.4	248	17	38	745		
24/11/2018 5:15	56	81	68	52	38	0.0	0.9	1.8	203	17	37	745		
24/11/2018 5:30	46	63	54	46	40	0.0	2.2	4.5	203	18	33	745		
Logged Noise and Weather Data														
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (hPa)	
24/11/2018 5:45	55	62	68	48	29	0.0	0.0	2.2	5.4	203	20	30	746	
24/11/2018 6:00	56	78	70	53	28	0.0	0.0	1.3	4.9	203	21	30	746	
24/11/2018 6:15	48	70	59	44	30	0.0	0.9	5.8	315	21	29	746		
24/11/2018 6:30	48	72	59	52	33	0.0	0.4	2.7	315	22	29	747		
24/11/2018 6:45	48	77	54	49	43	0.0	0.0	1.8	6.3	203	22	27	746	
24/11/2018 7:00	47	62	54	50	41	0.0	0.0	4.0	8.5	203	22	27	745	
24/11/2018 7:15	40	55	48	43	33	0.0	0.0	3.1	8.0	203	23	27	746	
24/11/2018 7:30	37	58	47	38	31	0.0	0.0	1.8	6.3	203	23	24	746	
24/11/2018 7:45	38	52	45	41	32	0.0	0.0	3.6	315	24	25	746		
24/11/2018 8:00	38	53	47	41	32	0.0	0.0	1.3	3.1	203	25	23	746	
24/11/2018 8:15	35	54	45	37	28	0.0	0.0	1.8	6.3	203	25	24	746	
24/11/2018 8:30	50	70	61	54	41	0.0	0.0	2.2	6.3	203	29	17	745	
24/11/2018 8:45	43	66	68	52	42	0.0	0.0	1.3	6.3	203	30	17	745	
24/11/2018 9:00	38	53	46	42	33	0.0	0.0	1.3	5.8	225	26	22	746	
24/11/2018 9:15	40	58	52	42	34	0.0	0.0	2.2	5.4	225	26	22	746	
24/11/2018 9:30	42	68	60	52	43	0.0	0.0	1.3	6.3	203	26	22	746	
24/11/2018 9:45	42	61	56	48	33	0.0	0.0	1.8	5.8	225	26</			

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (hPa)
24/11/2018 23:15	29	45	42	30	23	0.0	0.0	0.4	1.3	135	20	34	745
24/11/2018 23:30	30	50	42	32	21	0.0	0.0	0.0	0.0	19	33	744	
24/11/2018 23:45	32	52	44	35	21	0.0	0.0	0.4	113	19	34	744	
25/11/2018 0:00	28	51	39	29	20	0.0	0.0	1.3	203	18	39	745	
25/11/2018 0:15	37	59	52	32	20	0.0	0.0	0.9	180	18	39	745	
25/11/2018 0:30	21	43	26	22	18	0.0	0.0	1.8	135	18	38	744	
25/11/2018 0:45	25	53	33	26	19	0.0	0.0	0.9	180	18	35	744	
25/11/2018 1:00	30	54	43	30	18	0.0	0.0	0.9	203	19	37	743	
25/11/2018 1:15	28	52	39	24	17	0.0	0.0	0.9	225	19	37	743	
25/11/2018 1:30	33	48	46	36	18	0.0	0.0	1.8	315	19	38	743	
25/11/2018 1:45	35	48	47	39	17	0.0	0.0	0.9	225	18	38	743	
25/11/2018 2:00	22	43	30	24	18	0.0	0.0	1.8	158	17	39	743	
25/11/2018 2:15	21	47	30	24	16	0.0	0.0	0.9	180	17	38	743	
25/11/2018 2:30	21	43	28	23	17	0.0	0.0	0.9	158	17	39	743	
25/11/2018 2:45	26	50	39	27	18	0.0	0.0	0.9	203	17	43	743	
25/11/2018 3:00	33	51	45	36	17	0.0	0.0	0.9	180	16	43	743	
25/11/2018 3:15	27	46	36	30	20	0.0	0.0	0.4	203	16	44	743	
25/11/2018 3:30	33	51	45	37	20	0.0	0.0	1.8	158	15	48	743	
25/11/2018 3:45	36	54	46	41	21	0.0	0.0	1.3	248	14	52	743	
25/11/2018 4:00	42	66	54	45	24	0.0	0.4	1.3	135	14	57	743	
25/11/2018 4:15	50	72	62	53	35	0.0	0.4	2.2	180	14	58	743	
25/11/2018 4:30	44	60	56	48	30	0.0	0.4	0.9	180	14	54	744	
25/11/2018 4:45	51	75	66	41	27	0.0	0.0	0.9	45	14	50	744	
25/11/2018 5:00	56	80	72	47	27	0.0	0.0	0.9	338	14	51	744	
25/11/2018 5:15	45	72	54	43	30	0.0	0.4	1.3	90	15	46	744	
25/11/2018 5:30	44	62	56	47	31	0.0	0.4	1.3	68	17	44	744	
25/11/2018 5:45	39	60	50	41	30	0.0	0.0	0.0	18	43	744		
25/11/2018 6:00	38	60	49	40	27	0.0	0.0	0.9	248	19	41	744	
25/11/2018 6:15	43	61	54	46	28	0.0	0.0	1.3	225	19	41	745	
25/11/2018 6:30	47	72	57	45	27	0.0	0.0	0.9	203	21	40	745	
25/11/2018 6:45	40	58	53	40	25	0.0	0.0	1.3	158	22	39	744	
25/11/2018 7:00	35	58	48	36	24	0.0	0.4	0.9	248	23	38	745	
25/11/2018 7:15	37	60	52	34	22	0.0	0.4	1.8	293	25	26	745	
25/11/2018 7:30	37	61	50	39	23	0.0	0.4	1.3	248	26	24	745	
25/11/2018 7:45	36	59	48	37	22	0.0	0.4	1.8	293	27	24	745	
25/11/2018 8:00	41	61	55	41	24	0.0	0.4	1.8	270	28	22	744	
25/11/2018 8:15	34	55	46	38	24	0.0	0.4	2.2	270	28	22	744	
25/11/2018 8:30	33	54	43	36	25	0.0	0.4	3.1	293	28	22	744	
25/11/2018 8:45	41	63	56	39	25	0.0	0.9	3.6	293	28	22	744	
25/11/2018 9:00	39	57	52	40	25	0.0	1.8	4.5	315	27	26	744	
25/11/2018 9:15	36	52	46	39	25	0.0	1.3	3.6	338	27	26	744	
25/11/2018 9:30	36	51	46	39	30	0.0	1.3	5.8	203	26	25	744	
25/11/2018 9:45	30	54	47	42	32	0.0	1.8	4.5	315	29	23	744	
25/11/2018 10:00	40	54	48	43	36	0.0	1.8	5.8	293	31	21	744	
25/11/2018 10:15	45	58	53	48	40	0.0	1.8	7.6	248	32	18	743	
25/11/2018 10:30	42	69	52	44	34	0.0	1.8	4.9	270	31	19	743	
25/11/2018 10:45	40	56	48	42	35	0.0	1.3	4.5	225	30	20	743	
25/11/2018 11:00	39	54	46	42	36	0.0	1.3	4.5	225	30	21	743	
25/11/2018 11:15	43	62	53	45	35	0.0	1.3	5.4	225	31	20	743	
25/11/2018 11:30	48	72	57	51	41	0.0	1.8	4.9	225	33	19	743	
25/11/2018 11:45	43	55	50	46	38	0.0	2.2	5.4	225	35	17	743	
25/11/2018 12:00	46	66	58	48	35	0.0	2.2	5.4	225	34	18	742	
25/11/2018 12:15	45	60	53	48	41	0.0	1.8	6.3	225	35	19	742	
25/11/2018 12:30	45	59	52	48	40	0.0	2.7	5.4	203	34	20	741	
25/11/2018 12:45	43	54	50	46	37	0.0	2.2	4.9	203	35	20	742	
25/11/2018 13:00	36	51	42	38	33	0.0	1.8	5.8	203	36	19	741	
25/11/2018 13:15	40	57	48	42	36	0.0	2.2	4.9	203	35	19	741	
25/11/2018 13:30	39	56	46	41	34	0.0	2.2	4.9	203	34	20	740	
25/11/2018 13:45	41	56	50	44	35	0.0	2.2	5.4	203	34	20	740	
25/11/2018 14:00	41	58	48	44	35	0.0	2.2	5.4	203	33	23	740	
25/11/2018 14:15	42	66	53	44	37	0.0	1.8	4.9	203	32	24	740	
25/11/2018 14:30	42	59	52	44	36	0.0	2.2	4.0	203	31	27	739	
25/11/2018 14:45	48	73	60	47	35	0.0	1.8	4.0	203	32	26	740	
25/11/2018 15:00	41	55	49	43	37	0.0	2.2	4.9	203	32	25	740	
25/11/2018 15:15	41	65	51	43	36	0.0	1.8	4.0	203	30	28	740	
25/11/2018 15:30	40	58	50	42	36	0.0	1.8	4.0	203	30	33	740	
25/11/2018 15:45	40	57	48	42	35	0.0	1.3	4.9	180	33	26	741	
25/11/2018 16:00	39	56	48	40	34	0.0	1.8	4.0	203	32	27	740	
25/11/2018 16:15	41	53	48	44	37	0.0	2.2	4.9	203	32	26	740	
25/11/2018 16:30	40	59	51	43	34	0.0	2.2	8.0	203	32	26	740	
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (hPa)
25/11/2018 16:45	40	57	52	44	31	0.0	0.0	1.8	4.0	203	32	26	740
25/11/2018 17:00	36	57	46	38	30	0.0	0.0	1.8	4.9	203	31	27	739
25/11/2018 17:15	38	56	50	41	29	0.0	0.0	1.3	3.6	203	31	27	739
25/11/2018 17:30	37	61	47	40	28	0.0	0.0	0.9	3.6	203	30	26	739
25/11/2018 17:45	39	60	51	42	29	0.0	0.0	0.9	3.1	203	29	30	739
25/11/2018 18:00	41	65	53	44	30	0.0	0.0	0.4	1.8	203	29	31	739
25/11/2018 18:15	38	66	50	45	35	0.0	0.0	0.0	0	28	32	740	
25/11/2018 18:30	49	75	60	58	32	0.0	0.0	0.0	0	28	35	740	
25/11/2018 18:45	44	65	56	44	32	0.0	0.0	0.9	315	27	36	740	
25/11/2018 19:00	41	51	46	46	33	0.0	0.0	0.9	315	26	38	740	
25/11/2018 19:15	46	64	52	46	44	0.0	0.0	0.9	338	26	39	740	
25/11/2018 19:30	46	69	47	47	43	0.0	0.0	1.3	168	26	40	740	
25/11/2018 19:45	46	74	50	47	43	0.0	0.0	0.0	0	25	44	741	
25/11/2018 20:00	45	69	47	46	42	0.0	0.0	0.0	0	25	41	741	
25/11/2018 20:15	45	68	47	46	41	0.0	0.0	0.0	0	24	43	741	
25/11/2018 20:30	42	63	45	45	35	0.0	0.0	0.0	0	24	43	741	
25/11/2018 20:45	36	53	45	45	35	0.0	0.0	0.0	0	24	45	741	
25/11/2018 21:00	38	53	46	41	32	0.0	0.0	0.0	0	23	46	741	
25/11/2018 21:15	34	47	40	37	30	0.0	0.0	0.0	0	22	47	741	
25/11/2018 21:30													

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
26/11/2018 10:15	43	61	51	47	38	0.0	1.8	4.9	225	33	20	743	
26/11/2018 10:30	42	59	51	45	35	0.0	1.8	6.3	203	34	19	743	
26/11/2018 10:45	38	56	47	41	31	0.0	2.2	5.8	225	34	21	742	
26/11/2018 11:00	41	58	50	45	33	0.0	1.3	4.5	225	34	20	743	
26/11/2018 11:15	36	51	47	39	28	0.0	2.7	5.8	203	35	18	742	
26/11/2018 11:30	38	57	46	41	31	0.0	2.2	7.2	203	35	18	742	
26/11/2018 11:45	41	54	48	43	34	0.0	2.7	6.7	203	35	17	742	
26/11/2018 12:00	43	57	51	46	37	0.0	3.1	5.8	203	35	17	742	
26/11/2018 12:15	42	58	50	46	35	0.0	2.2	6.3	225	35	16	742	
26/11/2018 12:30	41	55	49	44	36	0.0	2.2	6.3	203	36	16	742	
26/11/2018 12:45	41	61	60	43	34	0.0	1.8	5.4	203	36	16	742	
26/11/2018 13:00	34	48	42	37	28	0.0	2.2	5.6	180	36	15	742	
26/11/2018 13:15	41	65	48	43	30	0.0	1.3	3.1	225	37	15	742	
26/11/2018 13:30	44	63	55	48	32	0.0	1.8	5.4	203	36	15	742	
26/11/2018 13:45	43	68	50	46	35	0.0	1.3	4.5	180	37	15	742	
26/11/2018 14:00	42	56	54	43	32	0.0	2.2	5.4	203	37	15	742	
26/11/2018 14:15	35	53	43	38	30	0.0	1.8	5.8	203	36	16	741	
26/11/2018 14:30	43	64	52	46	34	0.0	2.2	5.4	203	36	15	742	
26/11/2018 14:45	49	77	62	38	29	0.0	1.8	4.9	225	36	14	742	
26/11/2018 15:00	37	59	47	38	30	0.0	1.8	4.5	225	36	15	742	
26/11/2018 15:15	32	50	41	35	28	0.0	1.8	5.4	225	36	14	742	
26/11/2018 15:30	43	60	56	43	32	0.0	1.3	4.0	203	36	14	742	
26/11/2018 15:45	33	49	40	36	28	0.0	1.3	4.0	203	36	14	742	
26/11/2018 16:00	44	64	68	41	31	0.0	1.3	3.6	203	36	14	742	
26/11/2018 16:15	35	57	43	38	29	0.0	1.3	4.5	203	36	14	742	
26/11/2018 16:30	38	58	62	35	27	0.0	1.8	4.5	203	36	12	742	
26/11/2018 16:45	39	64	50	37	27	0.0	1.3	4.5	203	35	14	742	
26/11/2018 17:00	31	51	39	33	26	0.0	0.9	3.1	203	35	14	742	
26/11/2018 17:15	43	62	53	46	30	0.0	0.9	2.7	180	34	15	742	
26/11/2018 17:30	47	65	58	49	39	0.0	3.1	8.0	90	30	42	742	
26/11/2018 17:45	43	58	50	44	39	0.0	3.6	6.3	90	27	47	743	
26/11/2018 18:00	40	71	46	41	36	0.0	2.7	8.0	90	26	50	743	
26/11/2018 18:15	44	63	57	44	35	0.0	3.1	6.7	90	25	52	743	
26/11/2018 18:30	44	69	57	43	36	0.0	3.1	7.6	90	24	53	744	
26/11/2018 18:45	50	83	54	43	37	0.0	2.7	5.8	90	24	54	744	
26/11/2018 19:00	40	51	45	42	38	0.0	2.7	5.8	90	23	55	744	
26/11/2018 19:15	40	56	45	41	39	0.0	2.7	5.8	90	23	56	745	
26/11/2018 19:30	40	50	43	41	39	0.0	2.7	7.6	90	23	57	745	
26/11/2018 19:45	40	49	43	41	38	0.0	2.7	5.8	90	22	57	745	
26/11/2018 20:00	39	47	41	40	38	0.0	3.6	6.7	90	22	57	745	
26/11/2018 20:15	39	56	41	40	37	0.0	3.1	5.8	90	22	58	745	
26/11/2018 20:30	38	48	41	40	36	0.0	3.6	6.3	90	22	59	746	
26/11/2018 20:45	39	47	43	42	31	0.0	4.0	7.6	90	22	60	746	
26/11/2018 21:00	42	45	43	43	39	0.0	3.1	5.8	90	22	61	746	
26/11/2018 21:15	42	45	44	44	40	0.0	2.2	4.9	90	21	62	746	
26/11/2018 21:30	41	52	46	44	33	0.0	0.9	3.1	90	21	63	746	
26/11/2018 21:45	35	47	39	38	32	0.0	0.0	0.0	0	21	64	746	
26/11/2018 22:00	37	49	44	40	31	0.0	0.0	0.0	0	20	65	747	
26/11/2018 22:15	36	48	44	37	32	0.0	0.0	0.0	0	20	67	747	
26/11/2018 22:30	37	53	47	40	30	0.0	0.0	0.0	0	19	68	747	
26/11/2018 22:45	32	39	35	34	29	0.0	0.0	0.0	0	19	71	747	
26/11/2018 23:00	31	42	38	34	27	0.0	0.0	0.0	0	18	73	747	
26/11/2018 23:15	37	63	48	41	27	0.0	0.0	0.0	0	18	74	747	
26/11/2018 23:30	36	62	47	37	27	0.0	0.0	0.0	0	18	76	748	
26/11/2018 23:45	30	49	42	29	25	0.0	0.0	0.0	0	17	77	748	
27/11/2018 0:00	32	53	45	32	24	0.0	0.0	0.0	0	17	78	748	
27/11/2018 0:15	32	51	45	33	23	0.0	0.0	0.0	0	16	80	748	
27/11/2018 0:30	31	57	41	31	22	0.0	0.0	0.0	0	16	82	748	
27/11/2018 0:45	27	42	34	30	22	0.0	0.0	0.0	0	16	83	748	
27/11/2018 1:00	43	68	57	35	21	0.0	0.0	0.0	0	16	84	748	
27/11/2018 1:15	39	67	40	31	21	0.0	0.0	0.0	0	16	85	748	
27/11/2018 1:30	37	54	48	41	22	0.0	0.0	0.0	0	16	86	748	
27/11/2018 1:45	32	58	45	33	21	0.0	0.0	0.0	0	15	87	748	
27/11/2018 2:00	35	61	44	28	20	0.0	0.0	0.0	0	15	85	748	
27/11/2018 2:15	31	51	44	32	20	0.0	0.0	0.0	0	15	87	748	
27/11/2018 2:30	32	61	44	34	20	0.0	0.0	0.0	0	15	89	748	
27/11/2018 2:45	26	48	38	28	19	0.0	0.0	0.0	0	15	88	748	
27/11/2018 3:00	32	50	43	35	22	0.0	0.0	0.0	0	14	90	748	
27/11/2018 3:15	32	55	44	34	20	0.0	0.0	0.0	0	14	90	748	
27/11/2018 3:30	45	60	58	47	24	0.0	0.0	0.0	0	14	91	748	

SITE ID

Noise Monitoring Data Sheet

Inland Rail

C2K_08

From	Tuesday 20/11/2018 10:15	Meas. Type	Free Field	Package	Calvert to Kaguru
To	Tuesday 27/11/2018 7:45	Mic. Height (m)	1.8	Address	1544 Ipswich-Boonah Road
Instrument Type	01 dB DUO	Weather Station	No	Suburb	Peaks Crossing
Instrument Serial #	12608	Operator	BR	Land Use	Residential
Inst. Cal. Date	07/09/2018	Sample Int.	15 min	Latitude	27°47'55.36"S
Pre Calibration	94	RP Lot#	10/SP141687	Longitude	152°44'22.48"E
Post Calibration	94.1				

Daytime	Evening	Night
RBL 34.7 dB(A)	RBL 31.4 dB(A)	RBL 22.7 dB(A)
ABLs Day (Mon-Fri 7am - 6 pm)	ABLs Evening (Mon-Fri 6 pm - 10 pm)	ABLs Night (Mon - Thu, Sat - Sun 6pm - 7am)
ABLs Day (Sat 8 am - 1 pm)	ABLs Evening (Sat 1 pm - 10 pm)	ABLs Night (Fri 6pm - 8am)
ABLs Evening (Sun 7 am - 10 pm)		
Tuesday 20/11/2018 30.5 dB(A)	Tuesday 20/11/2018 31.4 dB(A)	Tuesday 20/11/2018 26.6 dB(A)
Wednesday 21/11/2018 34.4 dB(A)	Wednesday 21/11/2018 31.8 dB(A)	Wednesday 21/11/2018 30.4 dB(A)
Thursday 22/11/2018 36.8 dB(A)	Thursday 22/11/2018 35.7 dB(A)	Thursday 22/11/2018 26 dB(A)
Friday 23/11/2018 38.2 dB(A)	Friday 23/11/2018 29.1 dB(A)	Friday 23/11/2018 <21.1 dB(A)
Saturday 24/11/2018 34.9 dB(A)	Saturday 24/11/2018 40.0 dB(A)	Saturday 24/11/2018 <21.1 dB(A)
	Sunday 25/11/2018 30.4 dB(A)	Sunday 25/11/2018 22 dB(A)
Monday 26/11/2018 32.5 dB(A)	Monday 26/11/2018 30.0 dB(A)	Monday 26/11/2018 22.7 dB(A)

Site Diagram - Diagram



Inland Rail

Project:60553814

Future Freight
Integrating Community, Environment and Engineering

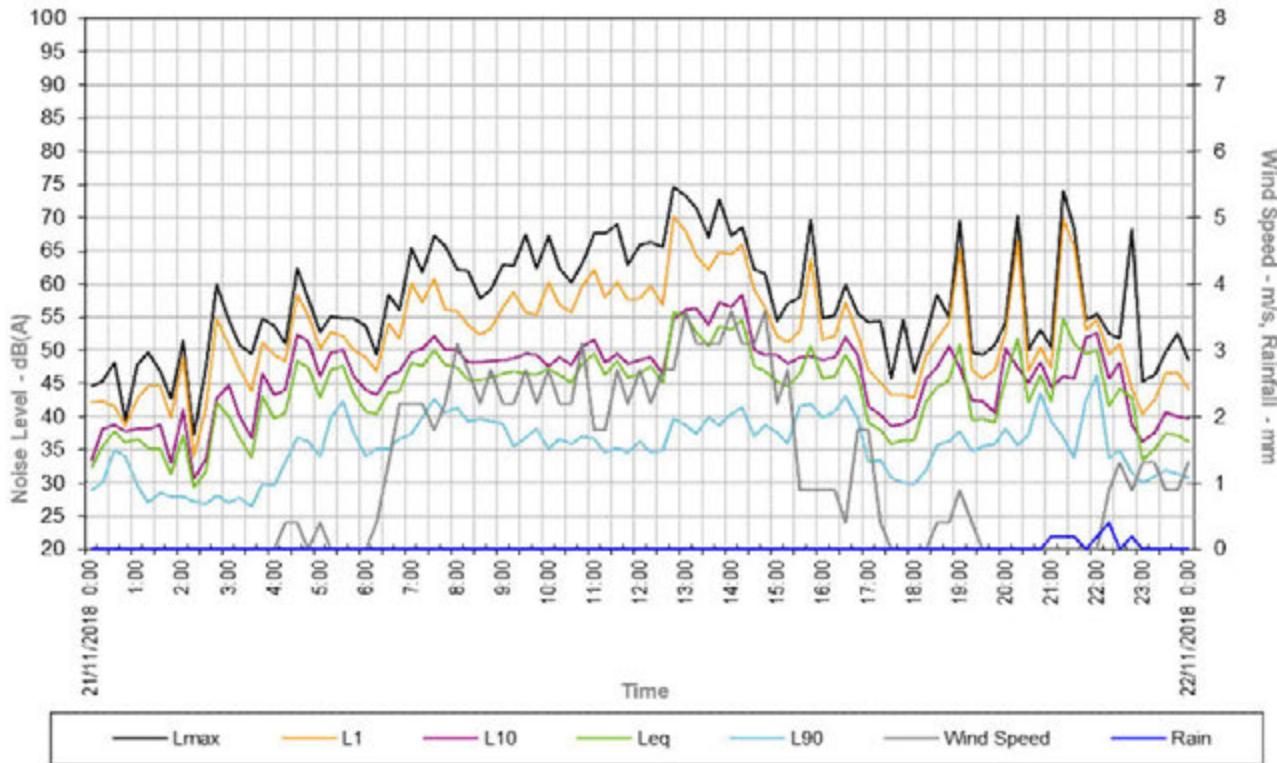
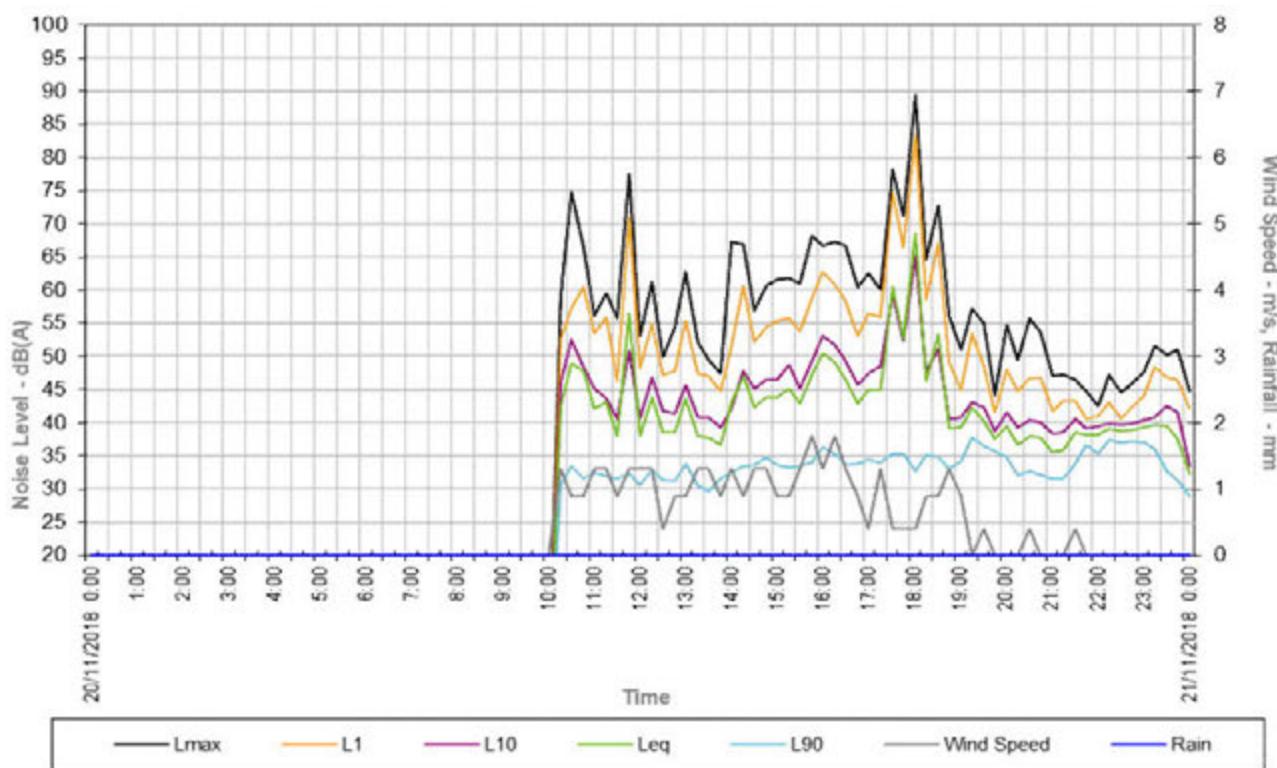
Site Attended Measurements Summary											
Date	Start	Type	Measurement						Weather Conditions	Comply	End
			Lmax	L1	L10	L90	Leq				
Comments	20/11/2018	Attended	62.0	53.1	46.2	30.9	42.5		Pass	10:30 AM	
		Logged	59.1	52.8	46.1	30.6	42.5				
		Difference	2.9	0.3	0.1	0.3	0.0				
Comments Background is Natural Sources at 28-30 dB(A), Birds at 38-62 dB(A), Trucks at 42-46 dB(A), Distant Traffic at 35-38 dB(A).											
Comments	27/11/2018	Attended	48.5	43.7	40.9	30.9	37.7		Pass	8:00 AM	
		Logged	47.4	44.0	41.0	30.3	37.8				
		Difference	1.2	-0.3	-0.1	0.6	-0.1				
Comments Background is Natural Sources and Distant Traffic at 28-33 dB(A), Birds at 39-48 dB(A), Resident Noise at 43 dB(A), Cars at 33-43 dB(A), Roof at 39-41.											

Photos



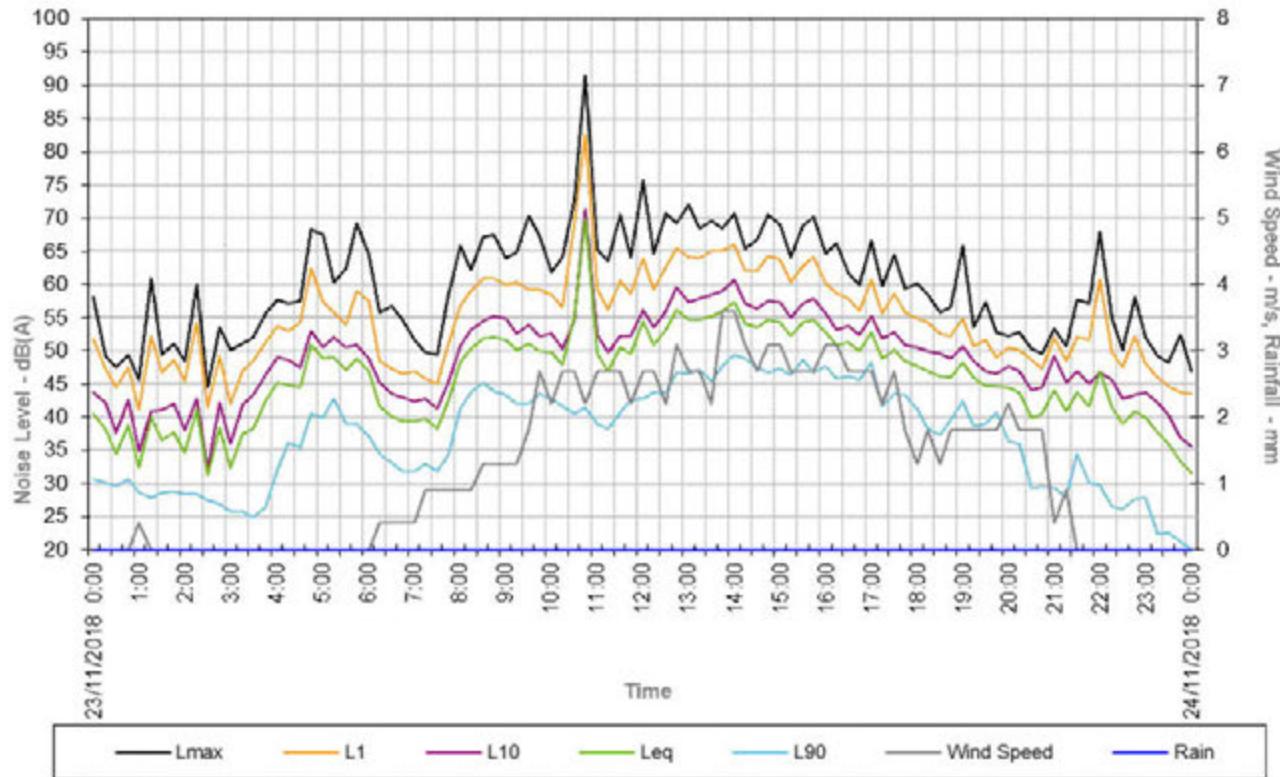
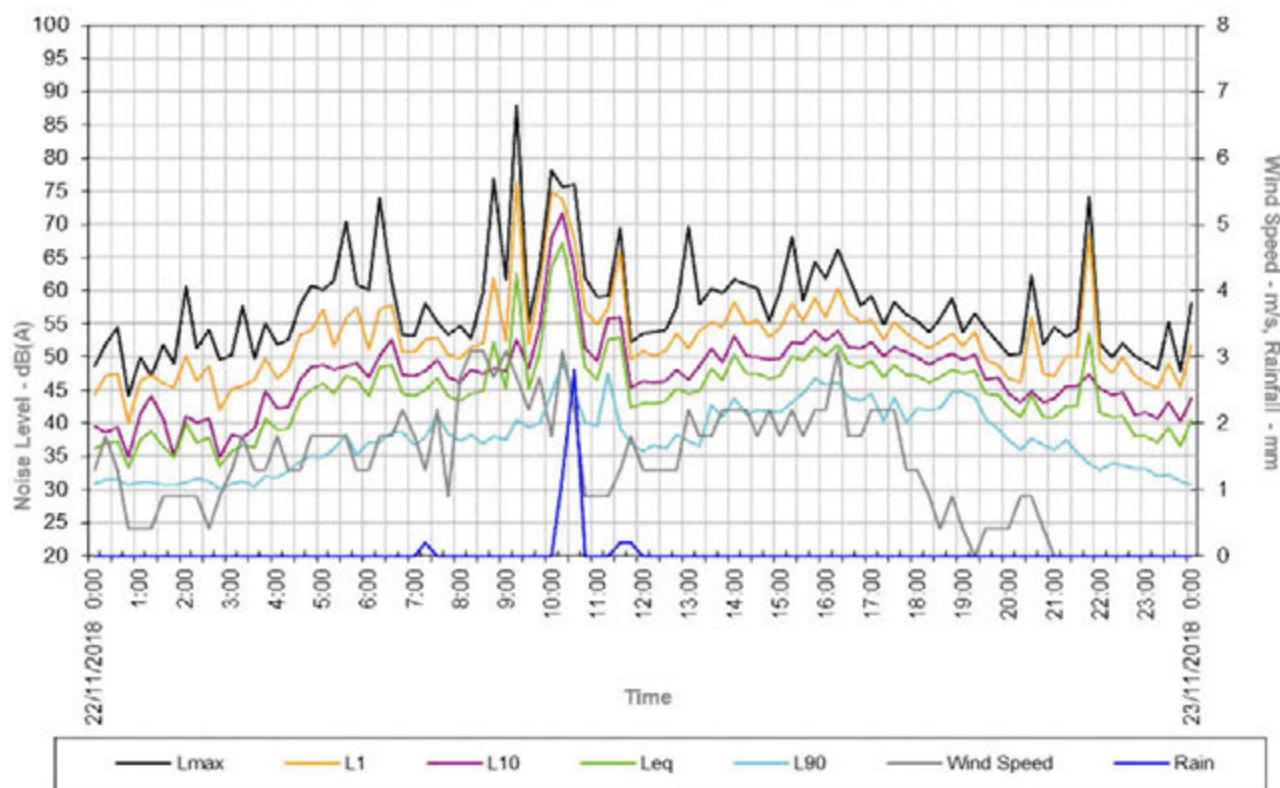
Site Noise and Weather Graphical Analysis

1544 Ipswich-Boonah Road



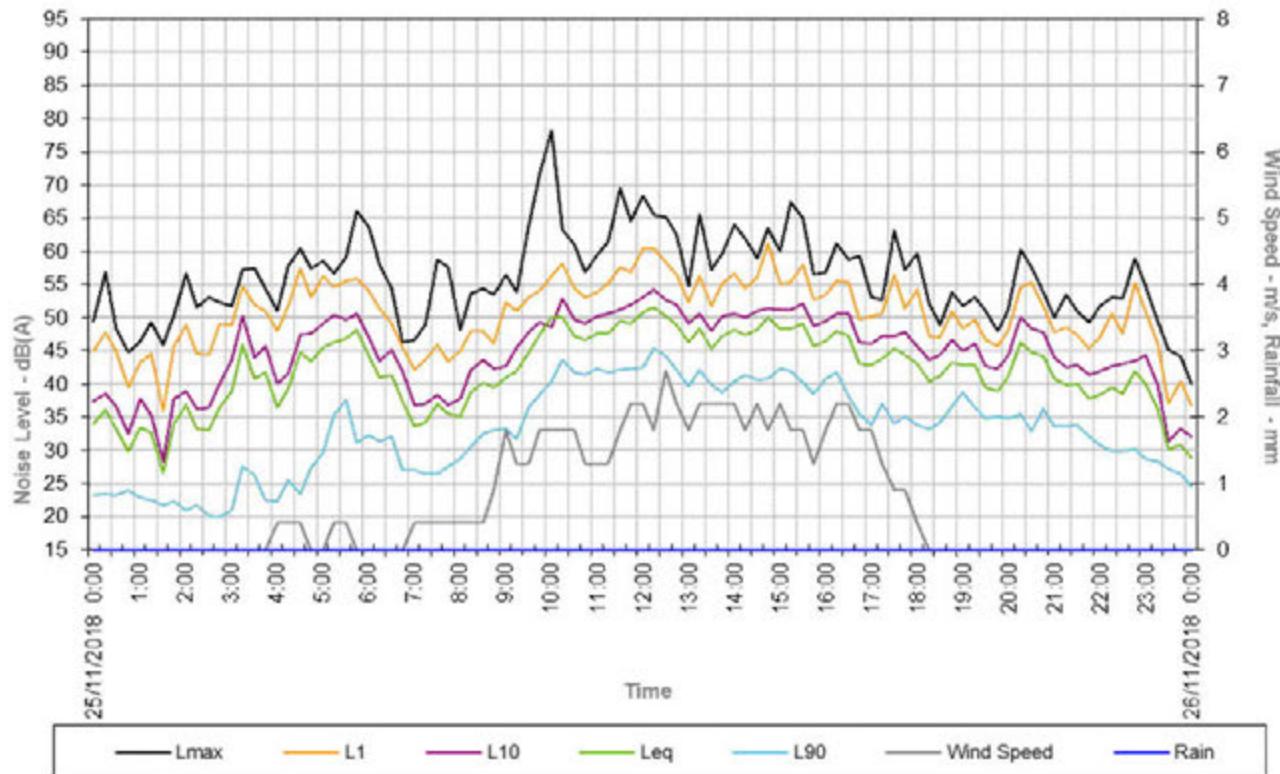
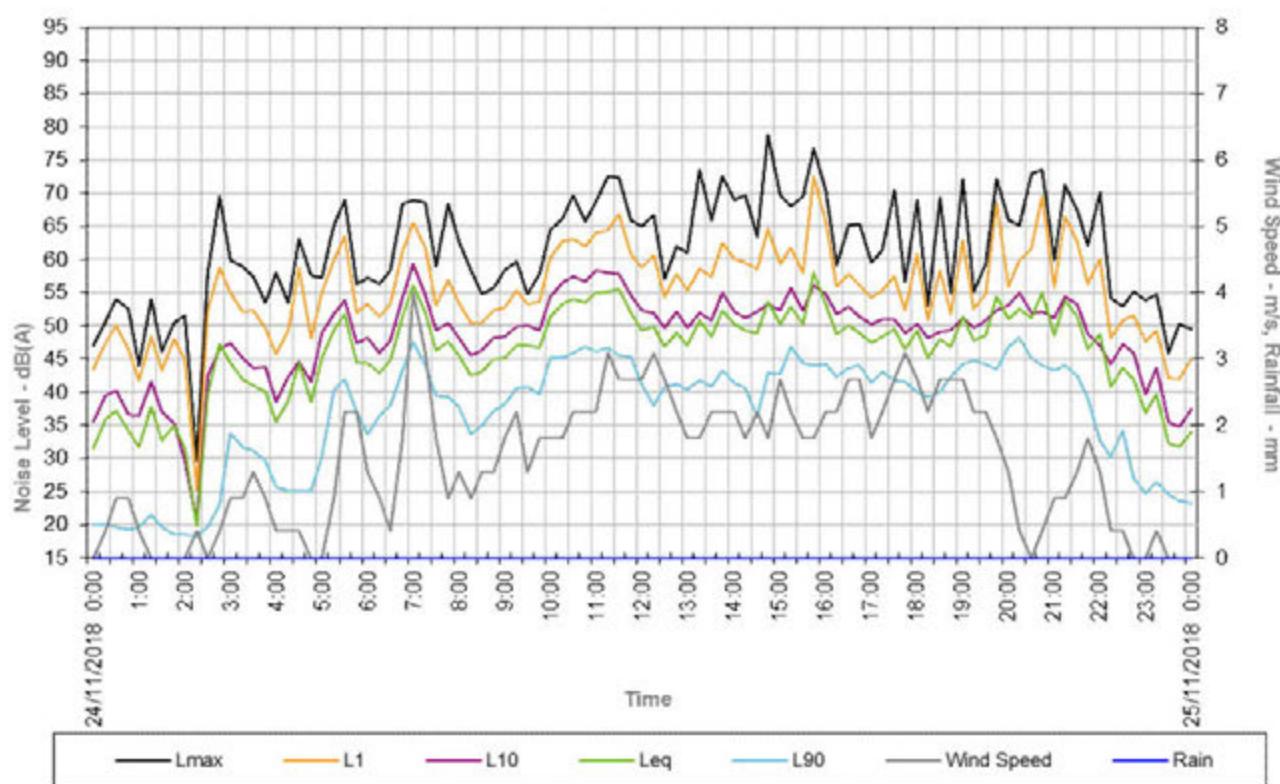
Site Noise and Weather Graphical Analysis

1544 Ipswich-Boonah Road



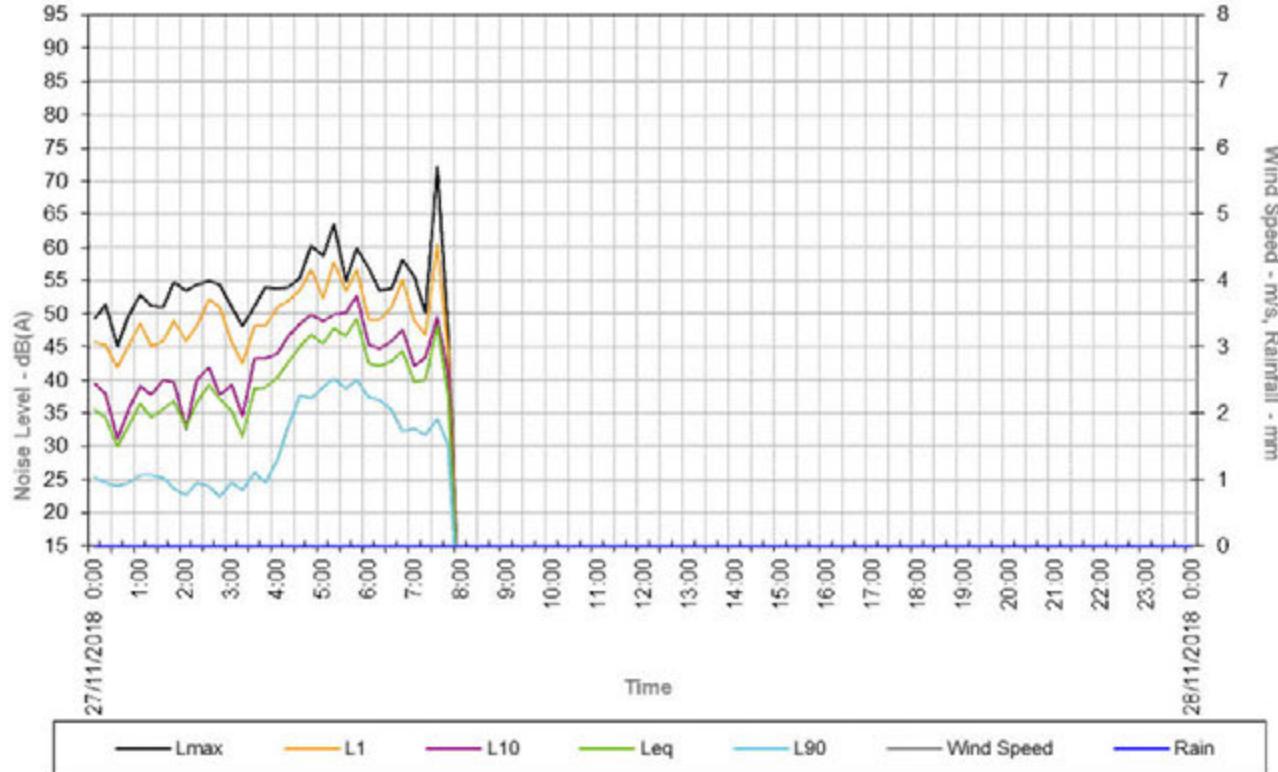
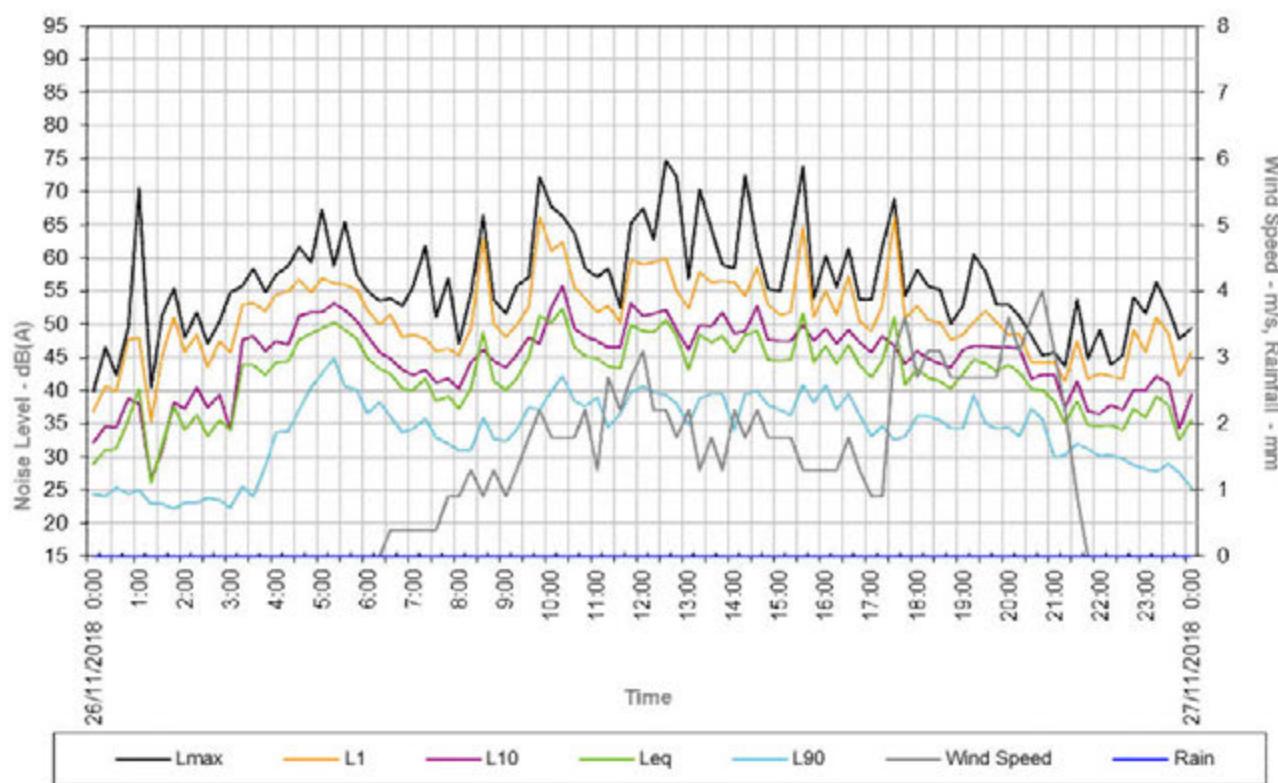
Site Noise and Weather Graphical Analysis

1544 Ipswich-Boonah Road



Site Noise and Weather Graphical Analysis

1544 Ipswich-Boonah Road



Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA50	Rain [mm]	Avg Wind Speed [m/s]	Max Wind Speed [m/s]	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
20/11/2018 10:15	42	59	53	46	31	0.0	1.3	4.0	0	28	47	753	
20/11/2018 10:30	49	75	57	53	34	0.0	0.9	2.7	315	29	45	752	
20/11/2018 10:45	48	67	60	48	32	0.0	0.9	4.5	248	29	43	752	
20/11/2018 11:00	42	58	53	45	33	0.0	1.3	3.8	315	29	43	752	
20/11/2018 11:15	43	60	56	44	32	0.0	1.3	4.0	338	29	42	752	
20/11/2018 11:30	38	56	46	41	32	0.0	0.9	4.0	263	30	40	752	
20/11/2018 11:45	56	77	71	51	32	0.0	1.3	3.8	225	31	40	751	
20/11/2018 12:00	38	63	48	41	31	0.0	1.3	4.0	338	30	39	751	
20/11/2018 12:15	44	61	55	47	33	0.0	1.3	4.0	248	31	37	751	
20/11/2018 12:30	39	50	47	42	31	0.0	0.4	1.8	23	30	38	750	
20/11/2018 12:45	39	54	48	41	31	0.0	0.9	3.8	0	31	38	751	
20/11/2018 13:00	44	63	55	46	34	0.0	0.9	4.5	338	31	37	750	
20/11/2018 13:15	38	52	48	41	31	0.0	1.3	4.0	23	31	37	750	
20/11/2018 13:30	38	50	47	41	30	0.0	1.3	4.9	23	31	36	749	
20/11/2018 13:45	37	47	45	39	32	0.0	0.9	3.1	315	33	35	750	
20/11/2018 14:00	43	67	51	42	33	0.0	1.3	4.0	315	32	35	749	
20/11/2018 14:15	47	67	61	48	34	0.0	0.9	3.8	338	30	38	748	
20/11/2018 14:30	42	57	52	45	34	0.0	1.3	3.6	23	31	39	749	
20/11/2018 14:45	44	61	55	47	35	0.0	1.3	4.5	23	29	41	748	
20/11/2018 15:00	44	62	55	46	34	0.0	0.9	3.8	23	29	42	748	
20/11/2018 15:15	45	62	56	49	33	0.0	0.9	3.8	23	29	43	749	
20/11/2018 15:30	43	61	54	45	33	0.0	1.3	4.9	23	30	42	749	
20/11/2018 15:45	47	68	59	49	34	0.0	1.8	4.9	23	29	44	748	
20/11/2018 16:00	50	67	63	53	36	0.0	1.3	4.5	0	28	46	748	
20/11/2018 16:15	49	67	61	52	35	0.0	1.8	4.5	23	29	45	748	
20/11/2018 16:30	47	67	58	49	34	0.0	1.3	4.0	23	29	44	748	
20/11/2018 16:45	43	60	53	46	34	0.0	0.9	4.0	23	29	45	748	
20/11/2018 17:00	45	63	57	48	34	0.0	0.4	3.8	23	28	46	748	
20/11/2018 17:15	45	60	56	49	34	0.0	1.3	4.0	23	27	48	747	
20/11/2018 17:30	60	78	75	59	35	0.0	0.4	2.2	23	26	50	748	
20/11/2018 17:45	53	71	67	52	35	0.0	0.4	3.8	90	26	51	748	
20/11/2018 18:00	69	88	83	65	33	0.0	0.4	3.6	113	25	53	748	
20/11/2018 18:15	46	65	59	48	35	0.0	0.9	3.8	113	24	55	748	
20/11/2018 18:30	53	73	67	51	35	0.0	0.9	3.8	90	24	56	748	
20/11/2018 18:45	39	66	49	41	33	0.0	1.3	4.9	90	23	58	748	
20/11/2018 19:00	39	51	45	41	34	0.0	0.9	4.0	113	23	59	748	
20/11/2018 19:15	42	67	54	43	38	0.0	0.0	1.3	90	23	60	748	
20/11/2018 19:30	40	55	49	42	37	0.0	0.4	3.8	90	23	61	748	
20/11/2018 19:45	38	44	42	39	36	0.0	0.0	0.9	225	22	64	749	
20/11/2018 20:00	39	55	46	42	35	0.0	0.0	1.3	225	22	65	749	
20/11/2018 20:15	37	50	45	39	32	0.0	0.0	0.4	180	21	67	749	
20/11/2018 20:30	38	56	47	40	33	0.0	0.4	4.0	225	21	68	749	
20/11/2018 20:45	38	54	47	40	32	0.0	0.0	1.3	0	21	68	749	
20/11/2018 21:00	36	47	42	38	32	0.0	0.0	1.3	203	21	68	749	
20/11/2018 21:15	36	47	43	39	32	0.0	0.0	0.9	203	21	68	749	
20/11/2018 21:30	39	47	43	41	34	0.0	0.4	6.7	90	21	67	750	
20/11/2018 21:45	38	45	41	39	37	0.0	0.0	2.2	0	21	67	750	
20/11/2018 22:00	38	43	41	40	35	0.0	0.0	0.9	113	21	67	750	
20/11/2018 22:15	39	47	43	40	37	0.0	0.0	0.4	90	20	69	750	
20/11/2018 22:30	39	45	41	40	37	0.0	0.0	1.8	90	20	70	750	
20/11/2018 22:45	39	46	42	40	37	0.0	0.0	2.2	90	20	70	750	
20/11/2018 23:00	39	48	44	40	37	0.0	0.0	0.0	0	20	70	750	
20/11/2018 23:15	40	52	48	41	36	0.0	0.0	0.9	158	20	72	750	
20/11/2018 23:30	40	50	47	43	33	0.0	0.0	0.4	203	20	73	750	
20/11/2018 23:45	38	51	47	42	31	0.0	0.0	0.9	180	19	74	750	
21/11/2018 0:00	32	45	42	34	29	0.0	0.0	0.0	0	19	75	749	
21/11/2018 0:15	36	45	42	38	30	0.0	0.0	0.0	0	19	75	749	
21/11/2018 0:30	36	48	42	39	35	0.0	0.0	0.0	0	18	77	749	
21/11/2018 0:45	36	40	39	38	34	0.0	0.0	0.0	0	18	79	749	
21/11/2018 1:00	37	48	43	38	30	0.0	0.0	0.0	0	18	81	749	
21/11/2018 1:15	36	50	45	38	27	0.0	0.0	0.0	0	18	81	749	
21/11/2018 1:30	35	47	45	39	29	0.0	0.0	0.4	158	17	82	749	
21/11/2018 1:45	31	43	40	33	28	0.0	0.0	0.0	0	17	82	749	
21/11/2018 2:00	37	51	49	41	28	0.0	0.0	0.0	0	17	83	748	
21/11/2018 2:15	29	37	34	31	27	0.0	0.0	0.0	0	17	84	748	
21/11/2018 2:30	32	47	41	34	27	0.0	0.0	0.0	0	17	85	748	
21/11/2018 2:45	42	60	55	43	28	0.0	0.0	0.9	338	17	85	748	
21/11/2018 3:00	40	55	51	45	27	0.0	0.0	0.9	180	17	85	748	
21/11/2018 3:15	37	51	47	40	28	0.0	0.0	1.3	315	17	86	748	
21/11/2018 3:30	34	49	44	37	27	0.0	0.0	1.3	338	18	82	748	
Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA50	Rain [mm]	Avg Wind Speed [m/s]	Max Wind Speed [m/s]	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
21/11/2018 3:45	43	55	51	47	30	0.0	0.0	0.0	2.2	315	19	81	748
21/11/2018 4:00	40	54	49	43	30	0.0	0.0	1.3	338	19	81	748	
21/11/2018 4:15	41	51	48	44	33	0.0	0.4	3.6	338	19	79	748	
21/11/2018 4:30	48	62	58	52	37	0.0	0.4	2.2	315	19	79	748	
21/11/2018 4:45	47	58	55	51	36	0.0	0.0	1.3	315	19	79	748	
21/11/2018 5:00	43	53	50	46	34	0.0	0.4	2.2	315	19	79	748	
21/11/2018 5:15	47	56	53	50	40	0.0	0.0	0.9	315	19	78	748	
21/11/2018 5:30	48	66	62	50	42	0.0	0.0	1.3	0	20	76	749	
21/11/2018 5:45	43	55	50	46	38	0.0	0.0	1.3	248	20	75	749	
21/11/2018 6:00	41	54	49	44	34	0.0	0.0	1.3	315	21	73	749	
21/11/2018 6:15	40	49	47	43	35	0.0	0.4	4.0	315	22	72	749	
21/11/2018 6:30	44	58	54	46	35	0.0	0.0	1.3	315	22	70	749	
21/11/2018 6:45	44	56	52	47	37	0.0	0.0	2.2	5.8	22	69	749	
21/11/2018 6:50	43	55	49	46	36	0.0	0.0	2.2	6.3	22	69	749	
21/11/2018 6:55	43	55	49	46	36	0.0	0.0	2.2	6.3	22	69	749	
21/11/2018 7:00	47	63	57	49	39	0.0	0.2	2.7	7.2	21	68	749	
21/11/2018 7:15	47	63	59	49	36	0.0	0.2	2.7	315	20	68	749	
21/11/2018 7:30	47	66	60	50	36	0.0	0.0	2.7	315	20	67	749	
21/11/2018 7:													

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) Northdeg	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
21/11/2018 21:15	55	74	70	46	37	0.2	0.0	0.9	23	23	91	746	
21/11/2018 21:30	51	68	68	46	34	0.2	0.0	0.4	23	23	93	747	
21/11/2018 21:45	50	55	53	52	43	0.0	0.0	0.0	0	23	93	748	
21/11/2018 22:00	50	56	55	53	46	0.2	0.0	0.0	0	23	93	748	
21/11/2018 22:15	42	52	49	46	34	0.4	0.9	2.7	338	22	91	749	
21/11/2018 22:30	44	52	51	48	35	0.0	1.3	3.6	338	22	90	746	
21/11/2018 22:45	43	68	44	39	32	0.2	0.9	3.1	315	22	91	746	
21/11/2018 23:00	33	45	40	36	30	0.0	1.3	3.1	338	23	90	746	
21/11/2018 23:15	35	48	43	38	31	0.0	1.3	3.6	338	22	89	746	
21/11/2018 23:30	37	50	47	41	32	0.0	0.9	2.7	338	23	90	746	
21/11/2018 23:45	37	53	47	40	31	0.0	0.9	3.6	315	23	90	745	
22/11/2018 0:00	36	49	44	40	31	0.0	1.3	4.0	338	23	89	746	
22/11/2018 0:15	37	52	47	39	31	0.0	1.8	4.5	315	23	89	745	
22/11/2018 0:30	37	55	48	39	32	0.0	1.3	4.0	315	23	87	745	
22/11/2018 0:45	33	44	40	35	31	0.0	0.4	2.7	315	23	88	745	
22/11/2018 1:00	38	50	46	42	31	0.0	0.4	1.8	293	23	89	745	
22/11/2018 1:15	39	47	47	44	31	0.0	0.4	1.8	315	23	89	745	
22/11/2018 1:30	37	52	46	41	31	0.0	0.9	3.1	315	23	90	745	
22/11/2018 1:45	35	49	46	35	31	0.0	0.9	3.6	315	23	89	745	
22/11/2018 2:00	40	61	50	41	31	0.0	0.9	4.0	315	23	89	744	
22/11/2018 2:15	37	51	46	40	32	0.0	0.9	3.6	315	23	90	744	
22/11/2018 2:30	38	54	49	41	31	0.0	0.4	1.8	293	23	90	744	
22/11/2018 2:45	34	50	42	35	30	0.0	0.9	4.0	315	23	90	744	
22/11/2018 3:00	36	50	45	38	31	0.0	1.3	4.0	315	23	89	744	
22/11/2018 3:15	37	58	46	38	31	0.0	1.8	4.9	315	23	89	744	
22/11/2018 3:30	36	50	47	39	31	0.0	1.3	4.0	315	23	89	744	
22/11/2018 3:45	41	55	50	45	32	0.0	1.3	4.5	338	23	89	744	
22/11/2018 4:00	39	52	47	42	32	0.0	1.8	4.0	315	23	89	744	
22/11/2018 4:15	39	53	48	42	33	0.0	1.3	4.5	315	23	88	744	
22/11/2018 4:30	44	58	53	47	34	0.0	1.3	4.5	315	23	88	744	
22/11/2018 4:45	45	61	54	49	35	0.0	1.8	4.0	315	23	88	744	
22/11/2018 5:00	46	60	57	49	35	0.0	1.8	4.9	315	23	88	744	
22/11/2018 5:15	45	62	52	48	36	0.0	1.8	4.5	315	23	88	744	
22/11/2018 5:30	47	70	56	49	38	0.0	1.8	5.8	315	23	88	744	
22/11/2018 5:45	47	61	58	49	35	0.0	1.3	4.0	338	23	88	744	
22/11/2018 6:00	44	60	51	47	37	0.0	1.3	4.0	315	23	88	744	
22/11/2018 6:15	46	74	57	50	37	0.0	1.8	4.5	315	24	87	744	
22/11/2018 6:30	49	61	58	53	39	0.0	1.8	4.9	315	24	87	744	
22/11/2018 6:45	45	53	51	47	39	0.0	2.2	4.5	315	24	86	744	
22/11/2018 7:00	44	53	51	47	37	0.0	1.8	4.5	315	24	88	744	
22/11/2018 7:15	45	68	63	48	38	0.2	1.3	4.5	315	23	91	744	
22/11/2018 7:30	47	55	53	50	41	0.0	2.2	5.4	315	24	89	744	
22/11/2018 7:45	44	53	50	47	39	0.0	0.9	5.8	270	24	91	745	
22/11/2018 8:00	43	55	50	46	37	0.0	2.7	6.7	315	25	84	745	
22/11/2018 8:15	45	53	51	48	38	0.0	3.1	7.2	315	25	81	744	
22/11/2018 8:30	45	60	52	48	37	0.0	3.1	6.7	315	26	80	745	
22/11/2018 8:45	52	77	62	48	38	0.0	2.7	6.3	315	28	75	745	
22/11/2018 9:00	45	62	52	48	38	0.0	3.1	6.7	315	28	74	744	
22/11/2018 9:15	63	88	76	53	41	0.0	2.7	7.2	315	28	70	744	
22/11/2018 9:30	45	55	52	48	39	0.0	2.2	5.8	315	28	69	744	
22/11/2018 9:45	51	64	61	55	40	0.0	2.7	6.3	315	28	69	744	
22/11/2018 10:00	64	78	75	68	44	0.0	1.8	6.7	315	28	69	743	
22/11/2018 10:15	67	76	74	72	49	1.2	3.1	6.3	293	24	85	744	
22/11/2018 10:30	58	76	68	63	44	2.8	2.2	6.4	203	21	92	743	
22/11/2018 10:45	48	62	57	51	40	0.0	0.9	3.1	315	21	95	744	
22/11/2018 11:00	47	50	55	49	40	0.0	0.9	4.5	315	21	94	744	
22/11/2018 11:15	53	59	57	56	48	0.0	0.9	4.5	315	22	94	744	
22/11/2018 11:30	53	69	66	56	39	0.2	1.3	3.6	315	22	94	744	
22/11/2018 11:45	42	52	50	45	37	0.2	1.8	4.5	338	22	92	744	
22/11/2018 12:00	43	53	51	46	36	0.0	1.3	4.0	338	22	94	744	
22/11/2018 12:15	43	54	50	46	37	0.0	1.3	4.0	315	23	90	745	
22/11/2018 12:30	43	54	51	46	36	0.0	1.3	4.0	315	24	85	745	
22/11/2018 12:45	45	58	54	48	38	0.0	1.3	3.6	293	25	74	744	
22/11/2018 13:00	45	70	51	47	37	0.0	2.2	4.9	315	25	70	744	
22/11/2018 13:15	45	58	54	49	37	0.0	1.8	4.5	315	26	69	744	
22/11/2018 13:30	48	60	55	51	43	0.0	1.8	5.4	315	28	62	744	
22/11/2018 13:45	47	60	55	49	41	0.0	2.2	4.9	315	28	57	743	
22/11/2018 14:00	50	62	58	53	44	0.0	2.2	4.9	293	30	53	743	
22/11/2018 14:15	48	61	55	50	41	0.0	2.2	8.0	225	30	51	743	
22/11/2018 14:30	47	60	56	50	42	0.0	1.8	5.8	225	31	49	743	
Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) Northdeg	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
22/11/2018 14:45	47	55	53	50	42	0.0	2.2	6.7	225	32	45	743	
22/11/2018 15:00	47	60	54	50	42	0.0	1.8	7.2	270	30	47	742	
22/11/2018 15:15	50	68	58	52	43	0.0	2.2	9.8	225	30	47	742	
22/11/2018 15:30	49	58	56	52	44	0.0	1.8	7.2	225	30	44	742	
22/11/2018 15:45	52	64	59	54	47	0.0	2.2	6.3	225	31	43	742	
22/11/2018 16:00	50	62	58	53	46	0.0	2.2	5.8	225	30	42	742	
22/11/2018 16:15	52	66	60	54	46	0.0	3.1	6.3	270	30	44	742	
22/11/2018 16:30	49	62	57	51	44	0.0	1.8	4.9	270	29	45	742	
22/11/2018 16:45	48	58	55	51	43	0.0	1.8	4.9	225	30	44	742	
22/11/2018 17:00	49	58	56	52	44	0.0	2.2	5.8	225	30	41	742	
22/11/2018 17:15	47	65	63	50	40	0.0	2.2	6.4	225	30	41	742	
22/11/2018 17:30	49	68	66	52	44	0.0	2.2	6.4	225	28	42	742	
22/11/2018 17:45	49	68	65	52	44	0.0	2.2	6.4	225	28	41	742	
22/11/2018 18:00	47	65	62	51	44	0.0	0.9	3.1	270	28	41	742	
22/11/2018 18:15	41	50	48	44	34	0.0	0.0	0.0	0	21	58	745	
22/11/2018 18:30	41	52	50	45	34	0.0	0.0	1.3	158	20	60	745	
22/11/2018 18:45	38	50	47	41	33	0.0	0.0	1.8	225	23	54	745	
22/11/2018 19:00	38	49	46	42	33	0.0	0.0	1.8	225	23	54	745	
22/11/2018 19:15	37	48	45	41	32	0.0	0.0	1.8	23	20	55	745	
22/11/2018 19:30	39	55	49	43	32	0.0	0.0	0.0	0	19	65	746	
22/11/2018 19:45	36	48	45	40	31	0.0	0.0	0.0	0	19	65	746	

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) Northdeg	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
23/11/2018 8:15	50 62	59	53	44	0.0	0.0	3.6	180	25	25	747		
23/11/2018 8:30	52 67	61	55	45	0.0	1.3	3.1	203	25	25	747		
23/11/2018 8:45	52 67	61	55	44	0.0	1.3	3.6	203	26	22	747		
23/11/2018 9:00	52 64	60	55	43	0.0	1.3	4.5	225	26	22	746		
23/11/2018 9:15	50 65	60	53	42	0.0	1.3	4.0	203	27	22	747		
23/11/2018 9:30	51 70	59	54	42	0.0	1.8	4.9	203	27	23	746		
23/11/2018 9:45	50 67	59	52	44	0.0	2.7	7.6	203	27	22	746		
23/11/2018 10:00	50 62	58	53	43	0.0	2.2	5.4	225	28	19	746		
23/11/2018 10:15	48 64	57	50	42	0.0	2.7	5.8	225	28	16	746		
23/11/2018 10:30	55 73	69	55	41	0.0	2.7	5.8	225	29	18	746		
23/11/2018 10:45	70 91	83	71	42	0.0	2.2	6.7	225	29	20	746		
23/11/2018 11:00	60 65	60	52	39	0.0	2.7	5.4	225	30	16	746		
23/11/2018 11:15	47 64	56	50	38	0.0	2.7	7.6	225	30	20	745		
23/11/2018 11:30	51 71	61	52	41	0.0	2.7	7.2	225	30	19	745		
23/11/2018 11:45	50 64	59	52	43	0.0	2.2	5.8	225	31	17	745		
23/11/2018 12:00	54 76	64	56	43	0.0	2.7	7.2	225	30	15	745		
23/11/2018 12:15	51 65	59	54	44	0.0	2.7	10.3	225	31	17	745		
23/11/2018 12:30	53 71	63	56	44	0.0	2.2	5.8	225	32	18	745		
23/11/2018 12:45	56 69	66	60	47	0.0	3.1	6.7	225	31	18	744		
23/11/2018 13:00	55 72	64	57	47	0.0	2.7	6.7	225	31	18	744		
23/11/2018 13:15	55 68	64	58	47	0.0	2.7	7.6	225	31	17	744		
23/11/2018 13:30	55 70	65	59	45	0.0	2.2	6.7	225	32	17	744		
23/11/2018 13:45	56 68	65	59	48	0.0	3.6	11.2	248	31	19	744		
23/11/2018 14:00	57 71	66	61	49	0.0	3.6	8.0	225	30	17	744		
23/11/2018 14:15	54 66	62	57	49	0.0	3.1	6.7	225	31	16	744		
23/11/2018 14:30	54 67	62	56	48	0.0	2.7	8.5	225	31	16	744		
23/11/2018 14:45	55 71	64	58	47	0.0	3.1	8.9	225	31	17	744		
23/11/2018 15:00	54 69	64	57	47	0.0	3.1	8.0	225	30	19	744		
23/11/2018 15:15	52 64	60	55	46	0.0	2.7	6.3	225	30	19	743		
23/11/2018 15:30	54 69	63	57	49	0.0	2.7	6.7	225	31	17	744		
23/11/2018 15:45	55 70	64	58	47	0.0	2.7	6.3	225	30	16	743		
23/11/2018 16:00	53 65	60	56	48	0.0	3.1	8.0	225	30	18	743		
23/11/2018 16:15	51 68	59	53	46	0.0	3.1	7.6	225	29	17	743		
23/11/2018 16:30	51 62	58	54	46	0.0	2.7	6.3	225	29	17	743		
23/11/2018 16:45	50 60	56	52	46	0.0	2.7	7.2	225	29	19	743		
23/11/2018 17:00	53 67	61	55	48	0.0	2.7	6.7	225	28	18	743		
23/11/2018 17:15	49 60	56	52	42	0.0	2.2	6.7	225	27	19	743		
23/11/2018 17:30	50 65	59	53	44	0.0	2.7	5.4	225	27	19	743		
23/11/2018 17:45	48 59	56	51	43	0.0	1.8	4.0	225	26	21	744		
23/11/2018 18:00	48 60	58	51	41	0.0	1.3	4.0	225	25	22	744		
23/11/2018 18:15	47 60	54	60	38	0.0	1.8	6.7	225	24	23	744		
23/11/2018 18:30	46 56	53	60	37	0.0	1.3	4.9	225	24	25	744		
23/11/2018 18:45	46 57	52	49	40	0.0	1.8	4.9	203	23	24	744		
23/11/2018 19:00	48 66	55	51	43	0.0	1.8	3.6	203	23	25	744		
23/11/2018 19:15	46 54	51	48	39	0.0	1.8	4.5	203	23	26	745		
23/11/2018 19:30	45 57	52	47	39	0.0	1.6	4.9	203	23	26	745		
23/11/2018 19:45	45 53	49	47	41	0.0	1.8	2.7	203	22	27	745		
23/11/2018 20:00	44 52	51	48	36	0.0	2.2	4.5	203	23	26	745		
23/11/2018 20:15	44 53	50	47	36	0.0	1.8	3.6	225	22	27	745		
23/11/2018 20:30	40 50	49	44	29	0.0	1.8	4.0	203	22	29	745		
23/11/2018 20:45	41 50	47	45	30	0.0	1.8	3.6	203	22	29	745		
23/11/2018 21:00	44 53	52	49	29	0.0	0.4	2.7	225	21	29	745		
23/11/2018 21:15	41 61	48	45	28	0.0	0.9	4.9	225	22	28	745		
23/11/2018 21:30	44 58	52	47	34	0.0	0.0	1.8	293	22	29	745		
23/11/2018 21:45	42 57	52	45	30	0.0	0.0	0.9	338	21	32	745		
23/11/2018 22:00	47 68	61	47	30	0.0	0.0	0.4	0	20	33	745		
23/11/2018 22:15	41 55	50	46	27	0.0	0.0	0.4	0	19	34	745		
23/11/2018 22:30	39 50	48	43	26	0.0	0.0	1.3	45	19	35	745		
23/11/2018 22:45	41 58	52	43	28	0.0	0.0	0.9	293	19	33	745		
23/11/2018 23:00	40 52	48	44	28	0.0	0.0	0.4	0	19	33	745		
23/11/2018 23:15	38 49	46	42	22	0.0	0.0	0.9	225	19	34	745		
23/11/2018 23:30	36 48	45	40	23	0.0	0.0	1.3	203	18	39	745		
23/11/2018 23:45	33 52	44	37	21	0.0	0.0	1.3	338	18	38	745		
24/11/2018 0:00	32 47	44	36	20	0.0	0.0	1.3	113	18	37	744		
24/11/2018 0:15	36 61	48	39	20	0.0	0.4	2.7	225	18	38	744		
24/11/2018 0:30	37 64	50	40	20	0.0	0.9	3.1	225	19	33	744		
24/11/2018 0:45	34 63	46	37	19	0.0	0.9	3.1	270	20	32	744		
24/11/2018 1:00	32 44	42	36	20	0.0	0.4	1.8	270	20	30	744		
24/11/2018 1:15	38 54	48	42	22	0.0	0.0	0.9	270	20	30	744		
24/11/2018 1:30	33 46	43	37	20	0.0	0.0	0.4	248	19	31	744		
Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) Northdeg	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
24/11/2018 1:45	35	50	48	35	19	0.0	0.0	0.0	0.0	1.3	158	17	37
24/11/2018 2:00	31	52	45	30	19	0.0	0.0	3.6	203	17	38	744	
24/11/2018 2:15	20	30	25	21	18	0.0	0.4	0.4	2.6	203	17	48	744
24/11/2018 2:30	40	58	52	43	20	0.0	0.1	1.3	135	17	48	744	
24/11/2018 2:45	47	69	59	47	23	0.0	0.4	2.7	135	16	41	744	
24/11/2018 3:00	44	60	55	48	34	0.0	0.9	2.7	203	17	38	745	
24/11/2018 3:15	42	59	52	45	32	0.0	0.9	2.2	203	18	34	745	
24/11/2018 3:30	41	58	52	44	31	0.0	1.3	3.6	203	19	32	745	
24/11/2018 3:45	40	54	50	44	30	0.0	0.9	3.1	203	19	33	745	
24/11/2018 4:00	35	58	48	38	28	0.0	0.4	1.8	293	18	34	745	
24/11/2018 4:15	39	64	49	42	25	0.0	0.4	3.1	203	18	33	745	
24/11/2018 4:30	44	63	59	45	26	0.0	0.4	1.8	203	18	35	745	
24/11/2018 4:45	42	59	52	44	25	0.0	0.4	2.2	203	18	36	745	
24/11/2018 5:00	41	66	59	48	34	0.0	0.4	1.8	203	18	37	745	
24/11/2018 5:15	47	60	55	44	33	0.0	0.4	2.2	203	18	37	745	
24/11/2018 5:30	44	66	59	48	34	0.0	0.4	2.2	203	18	37	745	
24/11/2018 5:45	42	63	59	47	34	0.0	0.4	2.2	203	18	37	745	
24/11/2018 6:00	40	67	61	54	43	0.0	0.4</						

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) Northdeg	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
24/11/2018 10:15	48	55	53	50	45	45	0.0	2.2	4.0	203	24	24	744
24/11/2018 10:30	49	59	55	51	44	44	0.0	2.2	4.9	203	24	24	744
24/11/2018 10:45	54	72	69	52	44	44	0.0	1.8	4.0	203	24	24	744
24/11/2018 10:00	51	66	56	53	47	47	0.0	1.3	3.1	203	23	26	745
24/11/2018 10:15	53	65	60	55	48	48	0.0	0.4	2.7	270	23	27	745
24/11/2018 10:30	51	73	62	52	45	45	0.0	0.1	3.3	338	22	30	745
24/11/2018 10:45	55	74	70	52	44	44	0.0	0.4	1.3	0	21	31	745
24/11/2018 11:00	49	80	58	51	43	43	0.0	0.9	4.0	225	21	30	745
24/11/2018 11:15	54	71	67	55	44	44	0.0	0.9	3.1	225	22	27	745
24/11/2018 11:30	51	67	63	53	43	43	0.0	1.3	4.9	225	22	28	745
24/11/2018 11:45	46	62	66	49	39	39	0.0	1.8	4.0	203	22	26	745
24/11/2018 12:00	49	70	60	47	33	33	0.0	1.3	3.6	203	23	26	746
24/11/2018 12:15	41	64	48	44	30	30	0.0	0.4	1.8	203	22	27	746
24/11/2018 12:30	44	53	51	47	34	34	0.0	0.4	2.2	315	22	28	746
24/11/2018 12:45	42	55	52	46	27	27	0.0	0.0	0.4	315	21	29	746
24/11/2018 13:00	37	54	46	40	25	25	0.0	0.0	0.4	225	20	32	746
24/11/2018 13:15	40	55	49	44	27	27	0.0	0.4	1.3	135	20	34	746
24/11/2018 13:30	32	46	42	36	25	25	0.0	0.0	0.0	0	19	33	744
24/11/2018 13:45	32	50	42	35	24	24	0.0	0.0	0.4	113	19	34	744
25/11/2018 0:00	34	49	45	38	23	23	0.0	0.0	0.1	203	18	39	745
25/11/2018 0:15	36	57	48	39	23	23	0.0	0.0	0.9	180	18	39	745
25/11/2018 0:30	33	48	45	37	23	23	0.0	0.0	1.8	135	18	38	744
25/11/2018 0:45	30	45	40	33	24	24	0.0	0.0	0.9	180	18	35	744
25/11/2018 1:00	33	47	43	38	23	23	0.0	0.0	0.9	203	19	37	743
25/11/2018 1:15	33	40	45	35	23	23	0.0	0.0	0.9	225	19	37	743
25/11/2018 1:30	27	46	36	28	22	22	0.0	0.0	1.8	315	19	38	743
25/11/2018 1:45	34	51	46	36	22	22	0.0	0.0	0.9	225	18	38	743
25/11/2018 2:00	37	57	49	39	21	21	0.0	0.0	1.8	158	17	39	743
25/11/2018 2:15	33	52	45	36	22	22	0.0	0.0	0.9	180	17	38	743
25/11/2018 2:30	33	53	45	37	20	20	0.0	0.0	0.9	158	17	39	743
25/11/2018 2:45	36	52	49	40	20	20	0.0	0.0	0.9	203	17	43	743
25/11/2018 3:00	39	52	49	44	21	21	0.0	0.0	0.9	180	16	43	743
25/11/2018 3:15	46	57	55	50	28	28	0.0	0.0	0.4	203	16	44	743
25/11/2018 3:30	41	57	52	44	26	26	0.0	0.0	1.8	158	15	48	743
25/11/2018 3:45	42	54	51	46	23	23	0.0	0.0	1.3	248	14	52	743
25/11/2018 4:00	36	51	48	40	22	22	0.0	0.4	1.3	135	14	57	743
25/11/2018 4:15	39	58	52	42	26	26	0.0	0.4	2.2	180	14	56	743
25/11/2018 4:30	45	60	57	47	24	24	0.0	0.4	0.9	180	14	54	744
25/11/2018 4:45	43	57	53	48	27	27	0.0	0.0	0.9	45	14	50	744
25/11/2018 5:00	46	59	56	49	30	30	0.0	0.0	0.9	338	14	51	744
25/11/2018 5:15	46	57	55	51	35	35	0.0	0.4	1.3	90	15	46	744
25/11/2018 5:30	47	50	60	58	38	38	0.0	0.4	1.3	68	17	44	744
25/11/2018 5:45	48	66	56	51	31	31	0.0	0.0	0.0	0	18	43	744
25/11/2018 6:00	44	64	54	47	32	32	0.0	0.0	0.9	248	19	41	744
25/11/2018 6:15	41	58	52	43	31	31	0.0	0.0	1.3	225	19	41	745
25/11/2018 6:30	41	54	49	45	32	32	0.0	0.0	0.9	203	21	40	745
25/11/2018 6:45	37	46	46	42	27	27	0.0	0.0	1.3	158	22	39	744
25/11/2018 7:00	34	47	42	37	27	27	0.0	0.4	0.9	248	23	38	745
25/11/2018 7:15	34	49	44	44	37	26	0.0	0.4	1.8	293	25	26	745
25/11/2018 7:30	37	59	46	38	26	26	0.0	0.4	1.3	248	26	24	745
25/11/2018 7:45	35	58	43	37	28	28	0.0	0.4	1.8	293	27	24	745
25/11/2018 8:00	35	48	45	38	29	29	0.0	0.4	1.8	270	28	22	744
25/11/2018 8:15	39	54	48	42	31	31	0.0	0.4	2.2	270	28	22	744
25/11/2018 8:30	40	54	48	44	33	33	0.0	0.4	3.1	293	28	22	744
25/11/2018 8:45	39	53	46	42	33	33	0.0	0.9	3.6	293	28	22	744
25/11/2018 9:00	41	57	52	43	33	33	0.0	1.8	4.5	315	27	25	744
25/11/2018 9:15	42	54	51	46	32	32	0.0	1.3	3.6	338	27	26	744
25/11/2018 9:30	45	64	53	48	37	37	0.0	1.3	5.8	293	28	25	744
25/11/2018 9:45	47	72	54	49	38	38	0.0	1.8	4.5	315	29	23	744
25/11/2018 10:00	50	78	56	49	41	41	0.0	1.8	5.8	293	31	21	744
25/11/2018 10:15	50	63	58	53	44	44	0.0	1.8	7.6	248	32	18	743
25/11/2018 10:30	47	61	54	50	42	42	0.0	1.8	4.9	270	31	19	743
25/11/2018 10:45	47	57	53	49	41	41	0.0	1.3	4.5	225	30	20	743
25/11/2018 11:00	48	60	54	50	42	42	0.0	1.3	4.5	225	30	21	743
25/11/2018 11:15	48	61	55	51	42	42	0.0	1.3	5.4	225	31	20	743
25/11/2018 11:30	49	69	58	51	42	42	0.0	1.8	4.9	225	33	19	743
25/11/2018 11:45	49	65	57	52	42	42	0.0	2.2	5.4	225	35	17	743
25/11/2018 12:00	51	68	60	53	43	43	0.0	2.2	5.4	225	34	18	742
25/11/2018 12:15	52	66	60	54	45	45	0.0	1.8	6.3	225	35	19	742
25/11/2018 12:30	50	65	58	53	44	44	0.0	2.7	5.4	203	34	20	741

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) Northdeg	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
25/11/2018 12:45	49	62	57	52	42	42	0.0	2.2	4.9	203	35	20	742
25/11/2018 13:00	48	55	52	49	40	40	0.0	1.8	5.8	203	36	19	741
25/11/2018 13:15	48	66	56	51	42	42	0.0	2.2	4.9	203	35	19	741
25/11/2018 13:30	45	57	52	48	40	40	0.0	2.2	4.9	203	34	20	740
25/11/2018 13:45	47	60	55	50	39	39	0.0	2.2	5.4	203	34	20	740
25/11/2018 14:00	48	64	57	51	40	40	0.0	2.2	5.4	203	33	23	740
25/11/2018 14:15	47	62	55	50	41	41	0.0	1.8	4.9	203	32	24	740
25/11/2018 14:30	48	59	56	51	41	41	0.0	2.2	4.0	203	31	27	739
25/11/2018 14:45	50	64	61	52	41	41	0.0	1.8	4.0	203	32	26	740
25/11/2018 15:00	48	60	55	51	42	42	0.0	2.2	4.9	203	32	25	740
25/11/2018 15:15	48	68	56	51	42	42	0.0	1.8	4.0	203	30	28	739
25/11/2018 15:30	49	65	68	52	40	40	0.0	0.0	0.9	180	30	30	739
25/11/2018 15:45	46	59	50	46	39	39	0.0	0.0	0.9	180	30		

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) Northdeg	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
26/11/2018 6:15	43 54	50	46	38	0.0	0.0	0.9	203	19	60	743		
26/11/2018 6:30	42 54	52	45	38	0.0	0.4	1.3	270	20	58	743		
26/11/2018 6:45	40 53	48	43	34	0.0	0.4	1.3	248	21	57	743		
26/11/2018 7:00	40 56	48	42	34	0.0	0.4	1.3	270	23	48	743		
26/11/2018 7:15	42 62	48	43	36	0.0	0.4	1.3	225	24	44	743		
26/11/2018 7:30	38 51	46	41	33	0.0	0.4	1.8	203	26	36	743		
26/11/2018 7:45	39 57	46	42	32	0.0	0.9	2.7	203	28	29	743		
26/11/2018 8:00	37 47	45	40	31	0.0	0.9	2.2	203	29	27	743		
26/11/2018 8:15	40 55	49	44	31	0.0	1.3	4.0	203	30	25	743		
26/11/2018 8:30	49 66	63	46	36	0.0	0.9	3.1	180	31	26	743		
26/11/2018 8:45	41 54	60	45	33	0.0	1.3	4.5	158	32	23	743		
26/11/2018 9:00	40 62	48	44	32	0.0	0.9	2.2	168	32	23	743		
26/11/2018 9:15	42 56	60	45	34	0.0	1.3	4.0	203	32	23	743		
26/11/2018 9:30	45 57	53	48	38	0.0	1.8	5.4	203	32	22	743		
26/11/2018 9:45	51 72	66	47	37	0.0	2.2	4.9	203	32	22	743		
26/11/2018 10:00	50 68	61	53	40	0.0	1.8	4.0	225	33	22	743		
26/11/2018 10:15	52 66	62	56	42	0.0	1.8	4.9	225	33	20	743		
26/11/2018 10:30	47 64	56	49	39	0.0	1.8	6.3	203	34	19	743		
26/11/2018 10:45	45 59	54	48	38	0.0	2.2	5.8	225	34	21	742		
26/11/2018 11:00	45 57	52	48	39	0.0	1.3	4.5	225	34	20	743		
26/11/2018 11:15	44 58	53	47	34	0.0	2.7	5.8	203	35	18	742		
26/11/2018 11:30	43 53	50	47	37	0.0	2.2	7.2	203	35	18	742		
26/11/2018 11:45	50 65	60	53	40	0.0	2.7	6.7	203	35	17	742		
26/11/2018 12:00	49 67	69	51	41	0.0	3.1	8.8	203	35	17	742		
26/11/2018 12:15	49 63	59	52	40	0.0	2.2	6.3	225	35	16	742		
26/11/2018 12:30	51 75	60	62	39	0.0	2.2	6.3	203	36	16	742		
26/11/2018 12:45	48 72	55	49	38	0.0	1.8	5.4	203	36	16	742		
26/11/2018 13:00	43 57	52	46	35	0.0	2.2	5.4	180	36	15	742		
26/11/2018 13:15	48 70	58	50	39	0.0	1.3	3.1	225	37	15	742		
26/11/2018 13:30	47 64	56	50	40	0.0	1.8	5.4	203	36	15	742		
26/11/2018 13:45	48 59	57	52	40	0.0	1.3	4.5	180	37	15	742		
26/11/2018 14:00	46 59	58	49	34	0.0	2.2	5.4	203	37	15	742		
26/11/2018 14:15	48 72	54	49	40	0.0	1.8	5.8	203	36	16	741		
26/11/2018 14:30	49 62	59	53	40	0.0	2.2	5.4	203	36	15	742		
26/11/2018 14:45	45 55	53	48	38	0.0	1.8	4.9	225	36	14	742		
26/11/2018 15:00	44 55	52	48	37	0.0	1.8	4.5	225	36	15	742		
26/11/2018 15:15	45 63	52	47	36	0.0	1.8	5.4	225	36	14	742		
26/11/2018 15:30	52 74	65	50	41	0.0	1.3	4.0	203	36	14	742		
26/11/2018 15:45	44 54	51	48	38	0.0	1.3	4.0	203	36	14	742		
26/11/2018 16:00	47 60	55	49	41	0.0	1.3	3.6	203	36	14	742		
26/11/2018 16:15	44 56	62	47	37	0.0	1.3	4.5	203	36	14	742		
26/11/2018 16:30	47 61	57	49	40	0.0	1.8	4.5	203	36	12	742		
26/11/2018 16:45	44 54	51	47	38	0.0	1.3	4.5	203	35	14	742		
26/11/2018 17:00	42 54	49	46	33	0.0	0.9	3.1	203	35	14	742		
26/11/2018 17:15	45 62	53	48	35	0.0	0.9	2.7	180	34	15	742		
26/11/2018 17:30	51 69	66	47	33	0.0	3.1	8.0	90	30	42	742		
26/11/2018 17:45	41 54	51	44	33	0.0	3.6	6.3	90	27	47	743		
26/11/2018 18:00	43 58	53	46	36	0.0	2.7	8.0	90	26	50	743		
26/11/2018 18:15	42 56	51	45	36	0.0	3.1	8.7	90	25	52	743		
26/11/2018 18:30	41 55	50	44	38	0.0	3.1	7.6	90	24	53	744		
26/11/2018 18:45	40 50	48	44	34	0.0	2.7	5.8	90	24	54	744		
26/11/2018 19:00	43 53	49	46	34	0.0	2.7	5.8	90	23	55	744		
26/11/2018 19:15	45 61	60	47	39	0.0	2.7	5.8	90	23	56	745		
26/11/2018 19:30	44 58	62	47	38	0.0	2.7	7.6	90	23	57	745		
26/11/2018 19:45	43 53	50	47	34	0.0	2.7	5.8	90	22	57	745		
26/11/2018 20:00	44 53	49	47	34	0.0	3.6	6.7	90	22	57	745		
26/11/2018 20:15	43 51	49	46	33	0.0	3.1	5.8	90	22	58	745		
26/11/2018 20:30	40 48	44	42	37	0.0	3.6	6.3	90	22	59	746		
26/11/2018 20:45	40 45	44	42	36	0.0	4.0	7.6	90	22	60	746		
26/11/2018 21:00	38 46	44	42	30	0.0	3.1	5.8	90	22	61	746		
26/11/2018 21:15	35 44	41	38	30	0.0	2.2	4.9	90	21	62	746		
26/11/2018 21:30	38 54	47	42	32	0.0	0.9	3.1	90	21	63	746		
26/11/2018 21:45	35 45	42	37	31	0.0	0.0	0.0	0	21	64	746		
26/11/2018 22:00	35 49	43	37	30	0.0	0.0	0.0	0	20	65	747		
26/11/2018 22:15	35 44	42	38	30	0.0	0.0	0.0	0	20	67	747		
26/11/2018 22:30	34 46	42	37	30	0.0	0.0	0.0	0	19	68	747		
26/11/2018 22:45	37 54	49	40	29	0.0	0.0	0.0	0	19	71	747		
26/11/2018 23:00	36 52	46	40	28	0.0	0.0	0.0	0	18	73	747		
26/11/2018 23:15	39 58	51	42	28	0.0	0.0	0.0	0	18	74	747		
26/11/2018 23:30	36 52	49	41	29	0.0	0.0	0.0	0	18	76	746		

SITE ID

Noise Monitoring Data Sheet

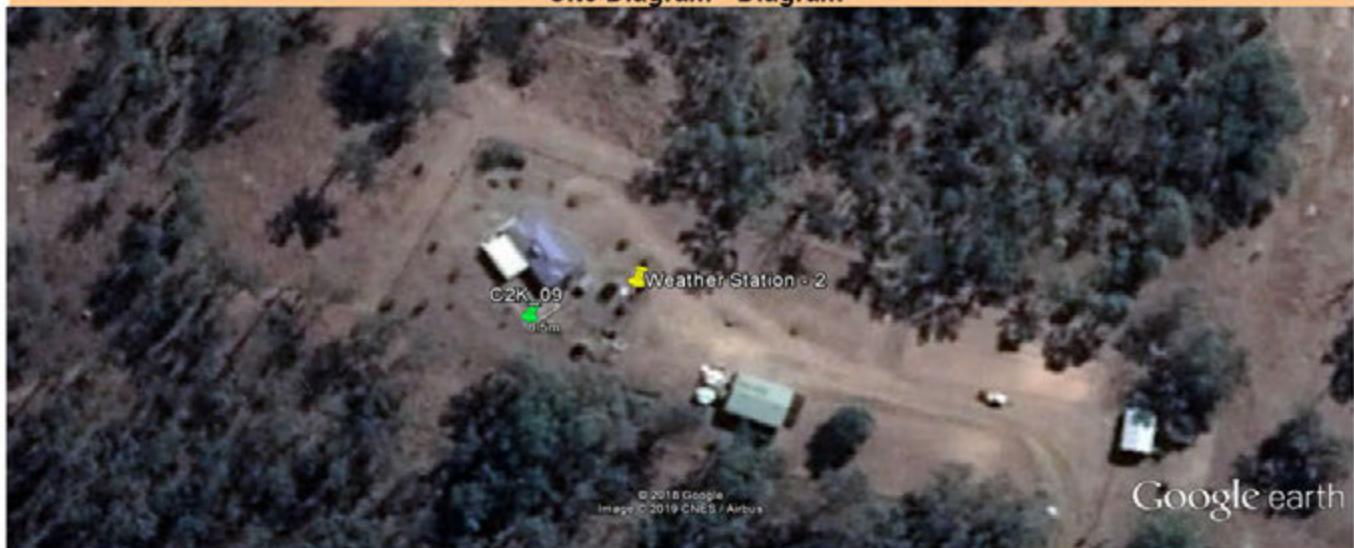
Inland Rail

C2K_09

From	Monday 19/11/2018 16:45	Meas. Type	Free Field	Package	Calvert to Kaguru
To	Wednesday 28/11/2018 9:45	Mic. Height (m)	1.8	Address	581 Washpool Road
Instrument Type	01 dB Cube	Weather Station	Yes	Suburb	Washpool
Instrument Serial #	11107	Operator	LAN	Land Use	Residential
Inst. Cal. Date	24/11/2018	Sample Int.	15 min	Latitude	27°50'35.46"S
Pre Calibration	93.6	RP Lot#	44/RP22590	Longitude	152°46'34.70"E
Post Calibration	93.7				

Daytime	Evening	Night
RBL 34.7 dB(A)	RBL 24.9 dB(A)	RBL 21.1 dB(A)
ABLs Day (Mon-Fri 7am - 6 pm)	ABLs Evening (Mon-Fri 6 pm - 10 pm)	ABLs Night (Mon - Thu, Sat - Sun 6pm - 7am)
ABLs Day (Sat 8 am - 1 pm)	ABLs Evening (Sat 1 pm - 10 pm)	ABLs Night (Fri 6pm - 8am)
	ABLs Evening (Sun 7 am - 10 pm)	
Tuesday 20/11/2018 34.4 dB(A)	Monday 19/11/2018 24.1 dB(A)	Monday 19/11/2018 <21.1 dB(A)
Wednesday 21/11/2018 37.5 dB(A)	Tuesday 20/11/2018 23.1 dB(A)	Tuesday 20/11/2018 <21.1 dB(A)
Thursday 22/11/2018 36 dB(A)	Wednesday 21/11/2018 27.3 dB(A)	Wednesday 21/11/2018 25.4 dB(A)
Friday 23/11/2018 37 dB(A)	Thursday 22/11/2018 25.9 dB(A)	Thursday 22/11/2018 <21.1 dB(A)
Saturday 24/11/2018 34.9 dB(A)	Friday 23/11/2018 <21.1 dB(A)	Friday 23/11/2018 <21.1 dB(A)
Monday 26/11/2018 33.6 dB(A)	Saturday 24/11/2018 27.7 dB(A)	Saturday 24/11/2018 <21.1 dB(A)
Tuesday 27/11/2018 30.9 dB(A)	Sunday 25/11/2018 23.9 dB(A)	Sunday 25/11/2018 <21.1 dB(A)
Wednesday 28/11/2018 33.7 dB(A)	Monday 26/11/2018 24.9 dB(A)	Monday 26/11/2018 <21.1 dB(A)
	Tuesday 27/11/2018 28.5 dB(A)	Tuesday 27/11/2018 23.8 dB(A)

Site Diagram - Diagram



Inland Rail

Project:60553814

Integrating Community, Environment and Engineering

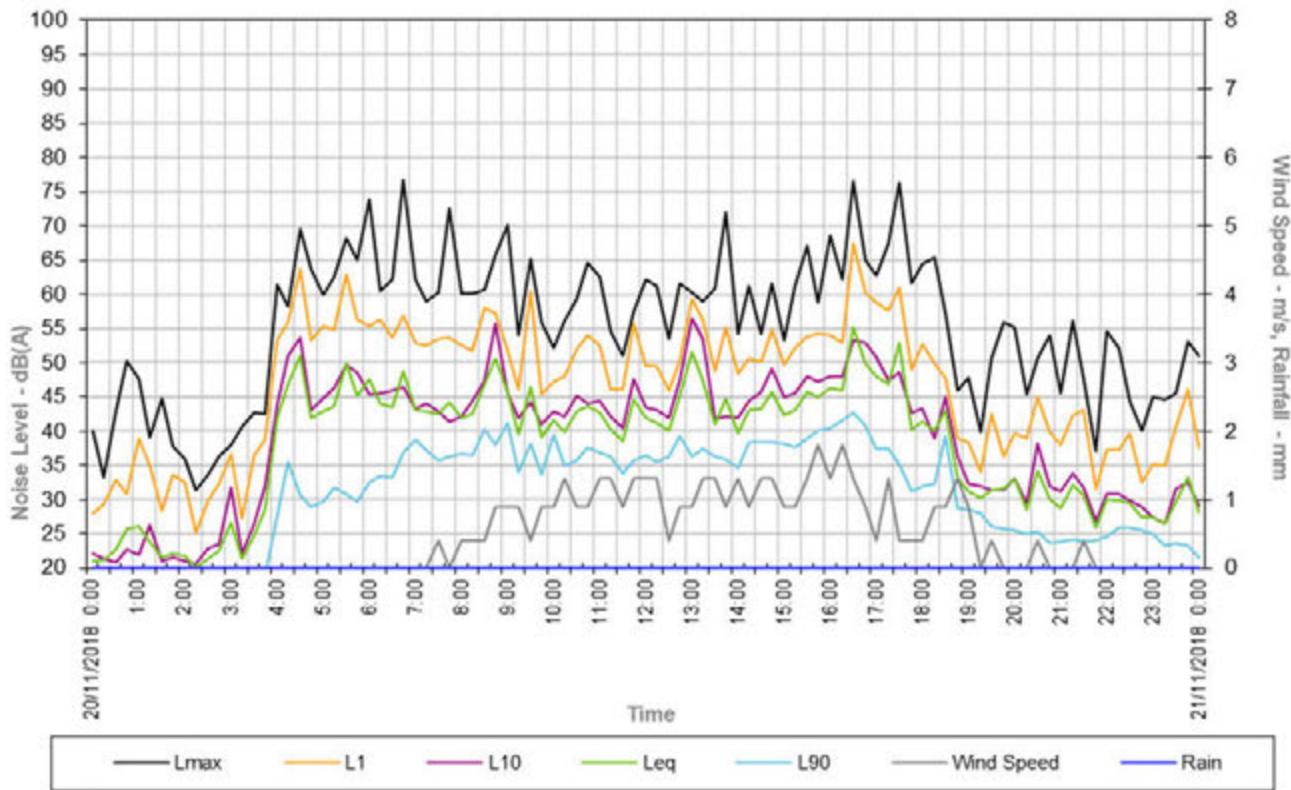
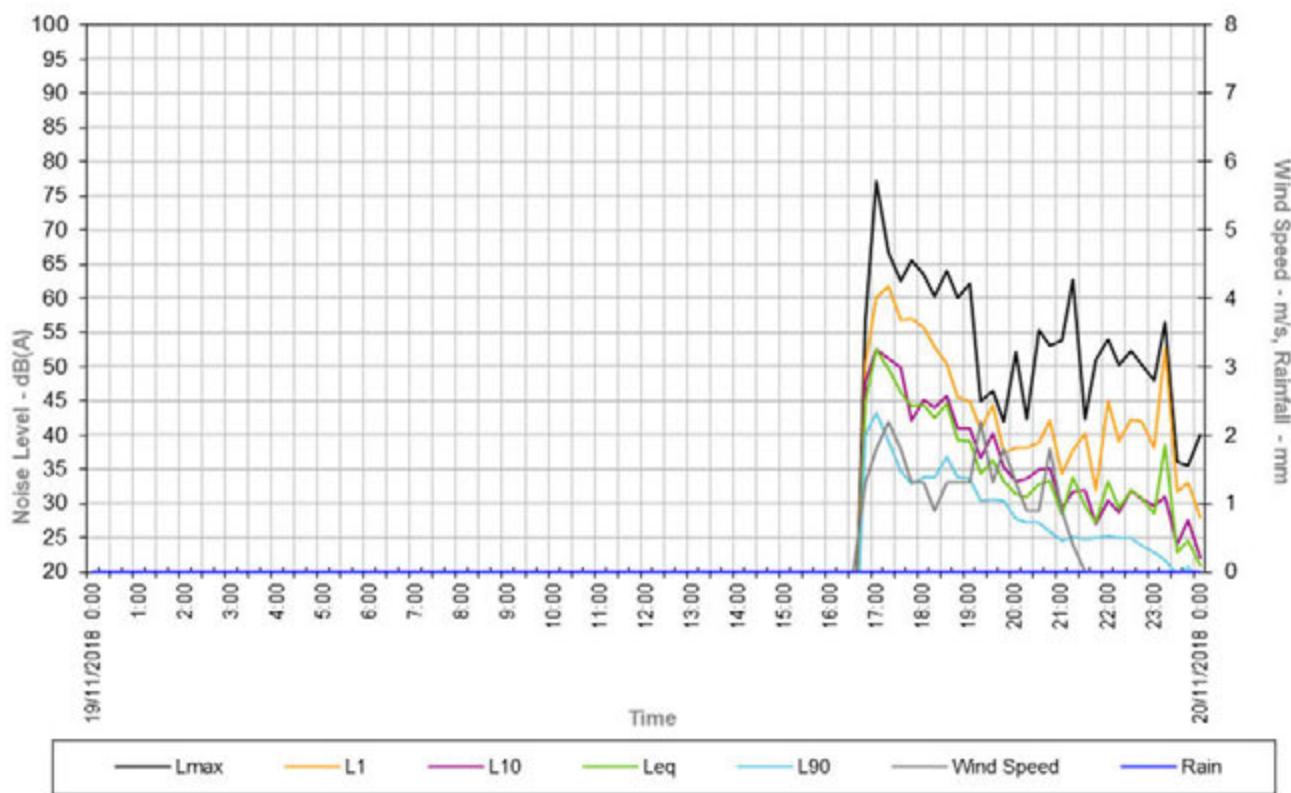
Site Attended Measurements Summary									Weather Conditions	
		Measurement							Comply	End
Date	Start	Type	Lmax	L1	L10	L90	Leq			
Comments	19/11/2018	Attended	59.9	49.4	46.3	38.4	43.5		Pass	5:00 PM
		Logged	66.9	60.5	47.8	40.1	45.1			
		Difference	3.0	-1.1	-1.5	-1.7	-1.6			
Comments		Background is natural sources. 03:10 of Wind Gust at 42-45 dB(A), 00:02 of Bird at 51 dB(A), 00:04 of Residence at 57 dB(A), 11:44 of Natural Sources at 39 dB(A)								
Comments	28/11/2018	Attended	62.9	56.8	50.6	40.6	47.4		Pass	10:00 AM
		Logged	59.6	57.5	51.5	41.1	48.3			
		Difference	3.3	-0.7	-0.9	-0.5	-0.9			
Comments		Background is mechanical noise and distant wind. 02:20 of Wind Gust at 44-45 dB(A), 00:04 of Bird at 50-62 dB(A), 06:18 of Mechanical noise from residence at 41 dB(A), 06:18 of Distant wind at 40 dB(A).								

Photos



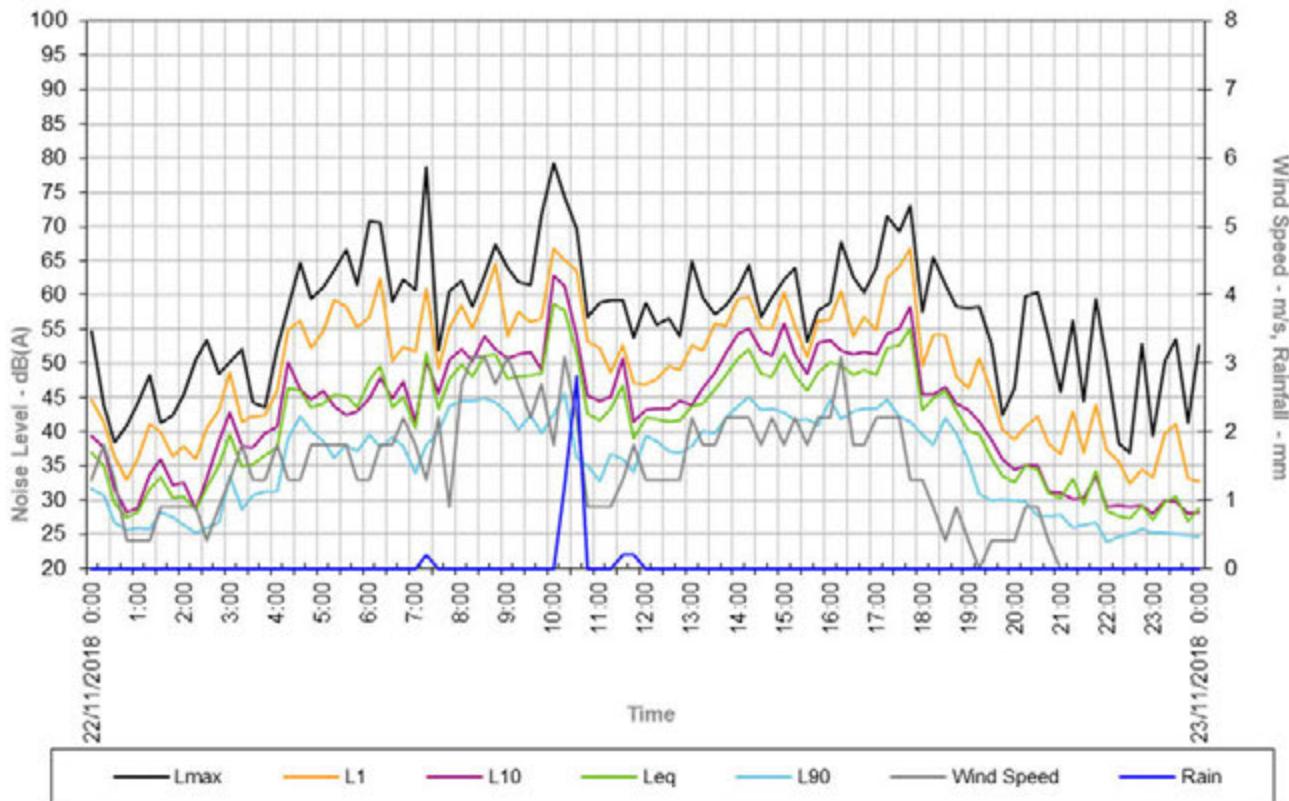
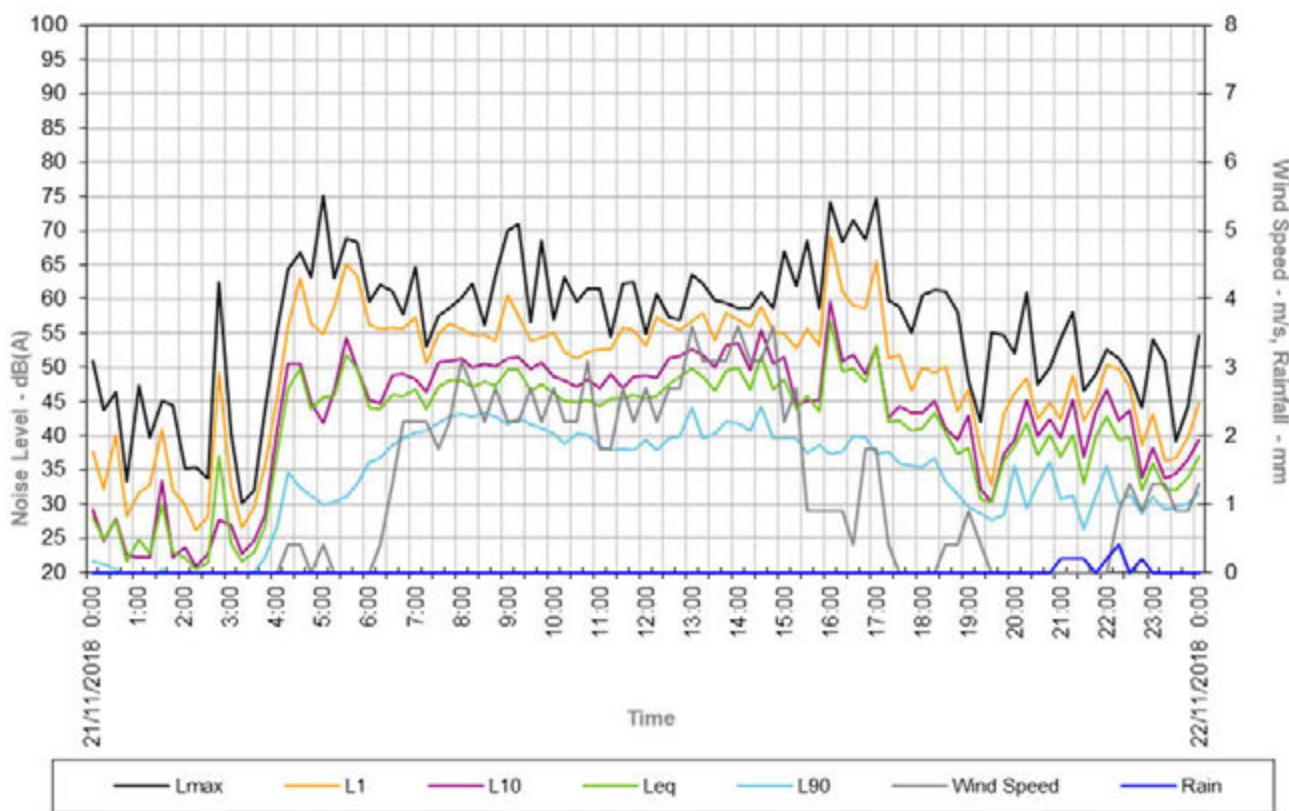
Site Noise and Weather Graphical Analysis

581 Washpool Road



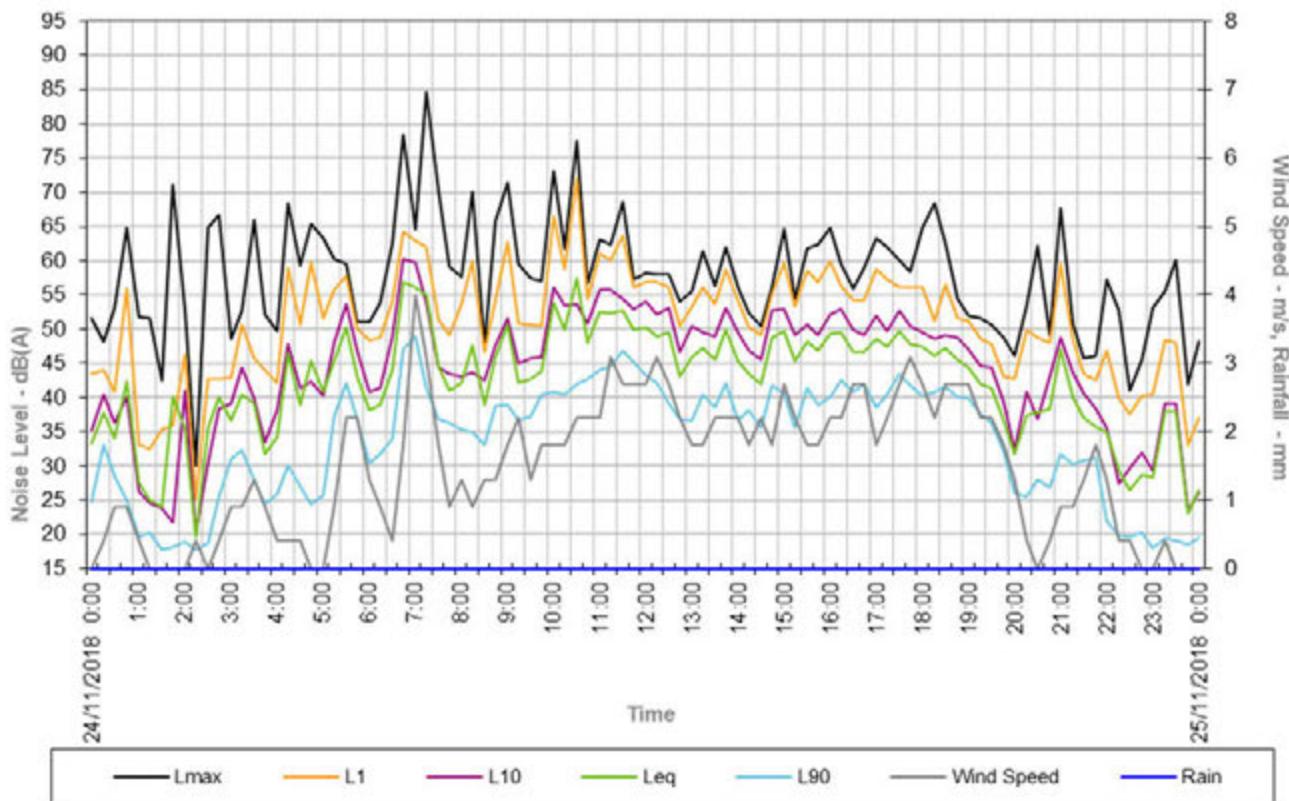
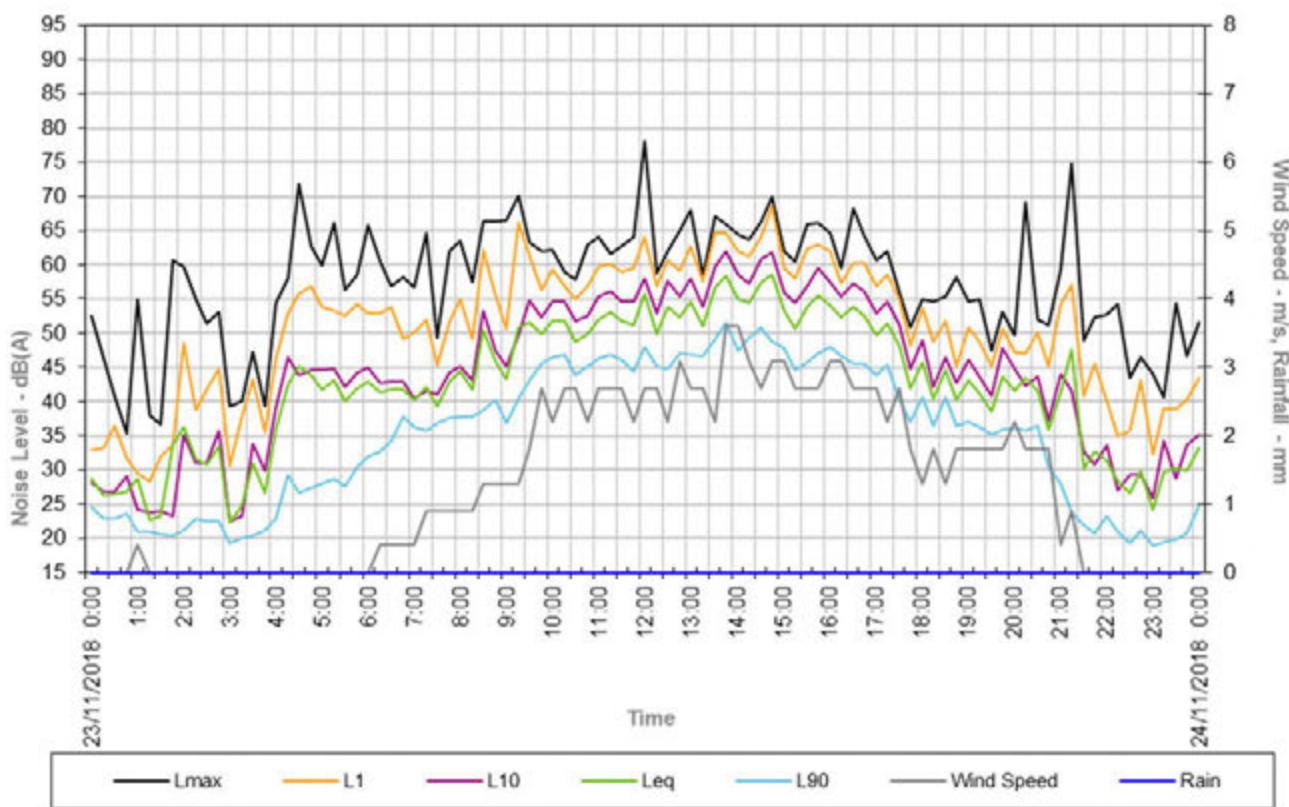
Site Noise and Weather Graphical Analysis

581 Washpool Road



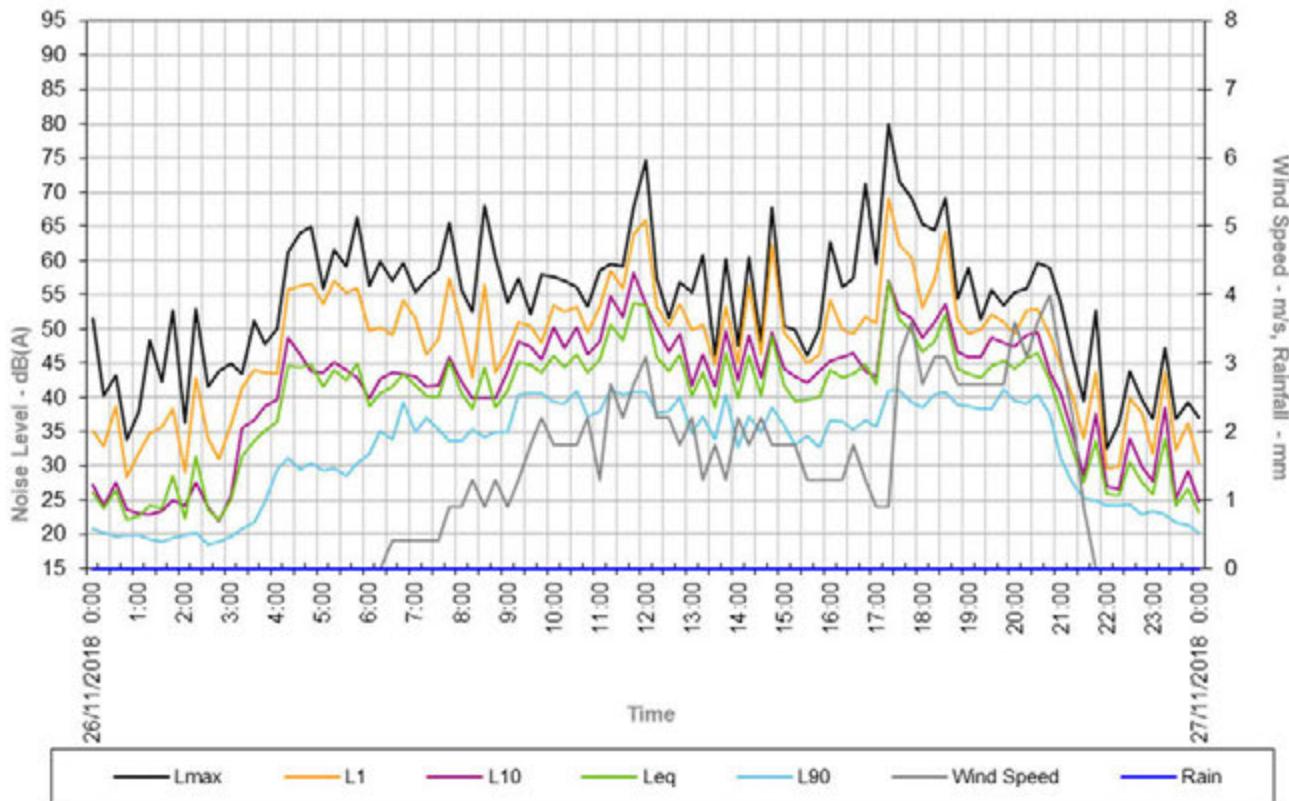
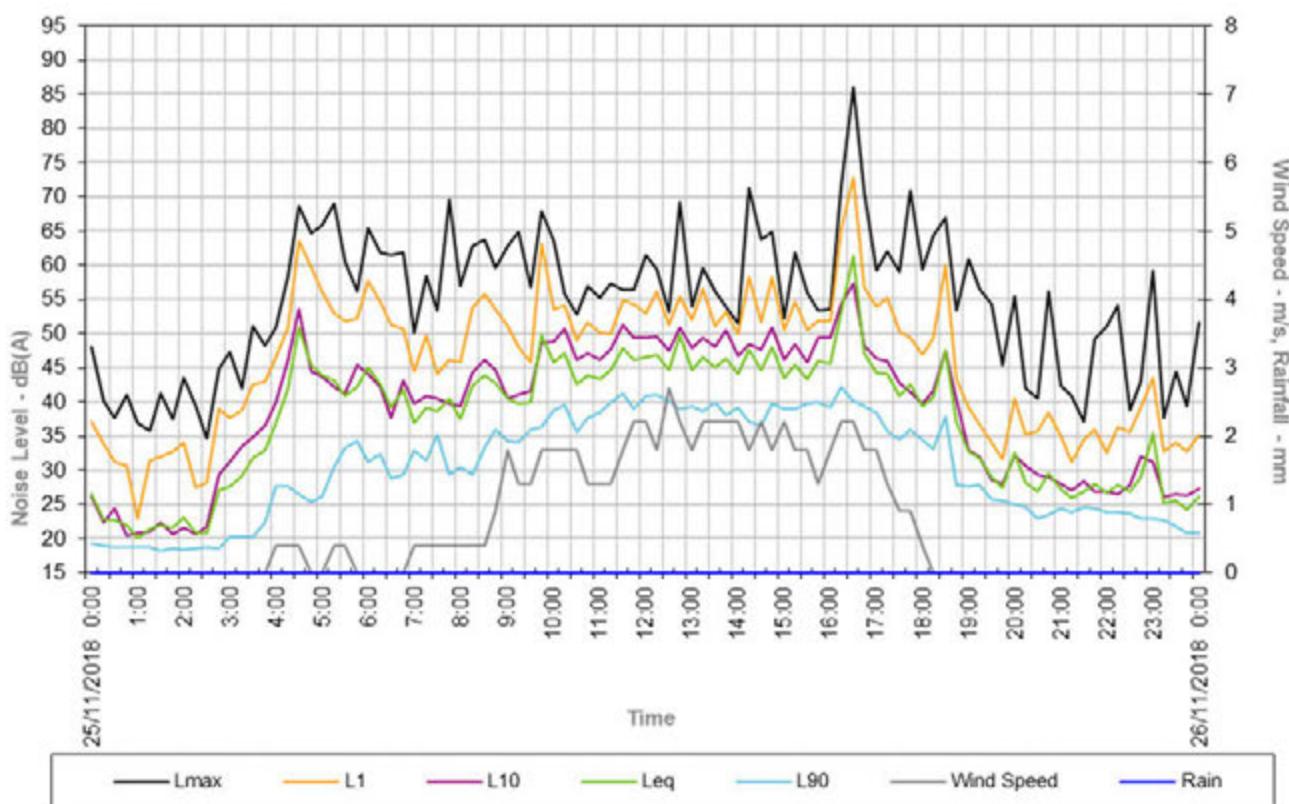
Site Noise and Weather Graphical Analysis

581 Washpool Road



Site Noise and Weather Graphical Analysis

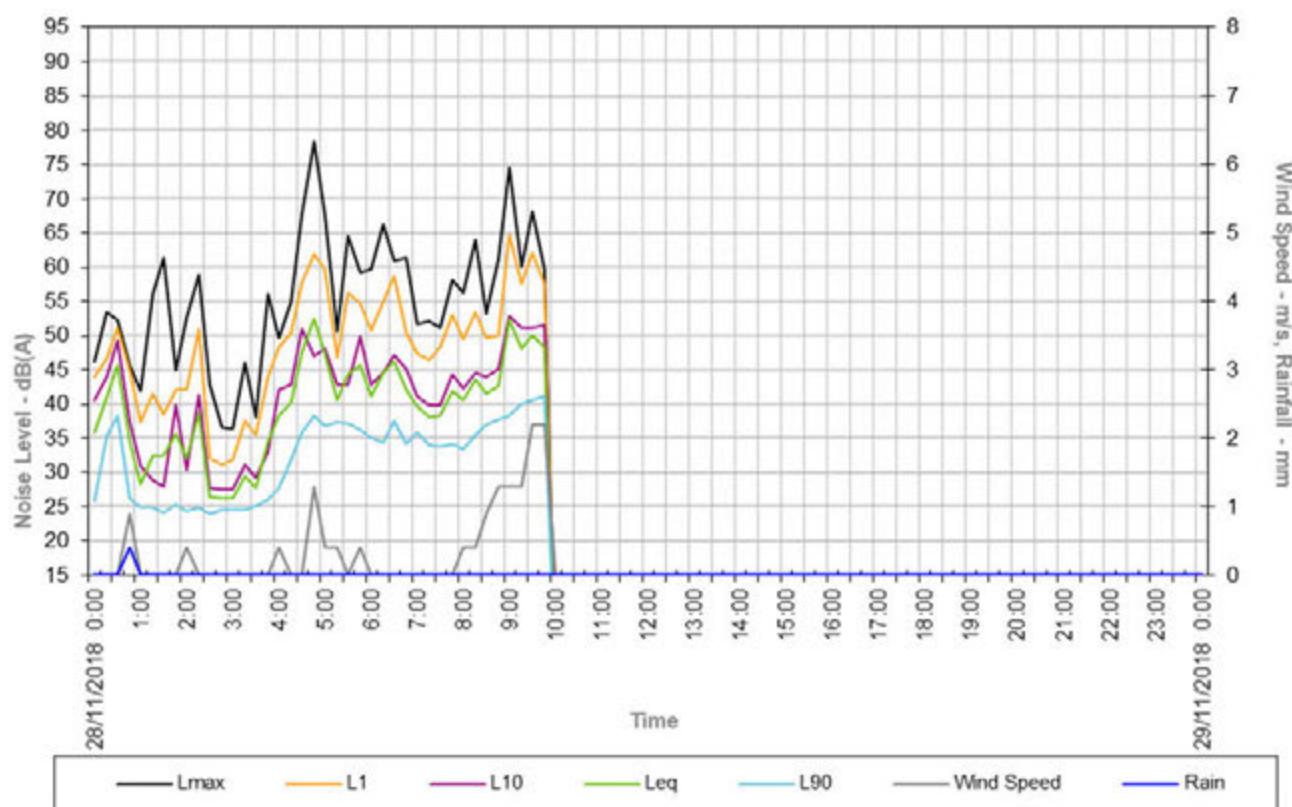
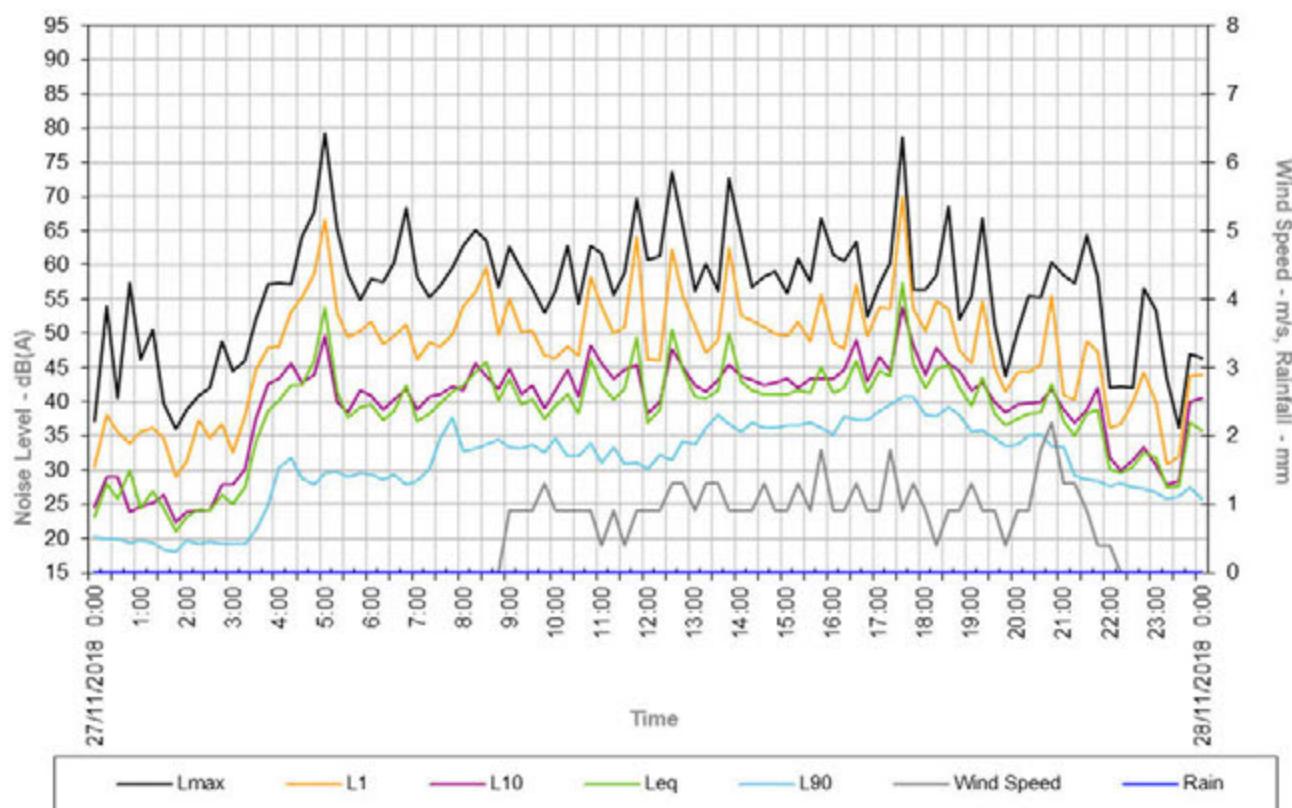
581 Washpool Road



Future Freight
Integrating Community, Environment and Engineering

Site Noise and Weather Graphical Analysis

581 Washpool Road



Logged Noise and Weather Data														
Date	Start Time	LAeq	LAmax	LA1	LA10	LA50	Rain (mm)	Avg Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)	
19/11/2018 10:45	45	57	51	48	40	0.0	1.3	4.9	68	25	51	752		
19/11/2018 17:00	53	77	60	53	43	0.0	1.8	5.4	68	24	52	752		
19/11/2018 17:15	50	67	62	51	39	0.0	2.2	5.8	90	24	55	752		
19/11/2018 17:30	46	63	57	50	35	0.0	1.8	5.4	90	24	54	752		
19/11/2018 17:45	44	66	57	42	33	0.0	1.3	5.8	90	23	55	752		
19/11/2018 18:00	44	64	56	45	34	0.0	1.3	5.4	90	23	56	752		
19/11/2018 18:15	42	60	53	44	34	0.0	0.9	4.8	90	22	58	753		
19/11/2018 18:30	45	64	50	46	37	0.0	1.3	4.5	90	21	59	753		
19/11/2018 18:45	39	60	46	41	34	0.0	1.3	4.0	90	21	60	753		
19/11/2018 19:00	39	62	45	41	34	0.0	1.3	4.0	90	20	61	753		
19/11/2018 19:15	34	45	41	37	31	0.0	2.2	5.4	90	20	61	753		
19/11/2018 19:30	36	46	45	40	31	0.0	1.3	2.7	90	20	62	753		
19/11/2018 19:45	33	42	38	35	31	0.0	1.8	4.9	90	20	62	753		
19/11/2018 20:00	31	52	38	33	28	0.0	1.3	4.0	90	20	63	754		
19/11/2018 20:15	31	42	38	34	27	0.0	0.9	3.6	90	20	63	754		
19/11/2018 20:30	33	55	39	35	27	0.0	0.9	3.6	90	20	63	754		
19/11/2018 20:45	33	53	42	35	26	0.0	1.8	4.0	90	20	62	754		
19/11/2018 21:00	28	54	34	29	25	0.0	0.9	4.0	90	20	61	754		
19/11/2018 21:15	34	63	38	32	26	0.0	0.4	2.7	90	20	62	754		
19/11/2018 21:30	30	42	40	32	25	0.0	0.0	1.8	90	20	63	754		
19/11/2018 21:45	27	51	32	27	25	0.0	0.0	0.9	113	20	64	754		
19/11/2018 22:00	33	54	45	31	25	0.0	0.0	0.0	0	20	65	754		
19/11/2018 22:15	29	50	39	29	25	0.0	0.0	0.9	113	20	64	754		
19/11/2018 22:30	32	52	42	32	25	0.0	0.0	1.3	158	20	65	754		
19/11/2018 22:45	31	50	42	31	24	0.0	0.0	1.3	135	19	66	754		
19/11/2018 23:00	28	48	38	30	23	0.0	0.0	0.0	0	19	68	754		
19/11/2018 23:15	38	56	53	31	22	0.0	0.0	0.0	0	18	69	754		
19/11/2018 23:30	23	36	32	24	20	0.0	0.0	0.0	0	18	70	754		
19/11/2018 23:45	25	35	33	28	21	0.0	0.0	0.0	0	18	72	754		
20/11/2018 0:00	21	40	28	22	18	0.0	0.0	0.0	0	18	71	753		
20/11/2018 0:15	21	33	29	21	19	0.0	0.0	0.0	0	18	72	753		
20/11/2018 0:30	23	43	33	21	19	0.0	0.0	0.0	0	18	73	753		
20/11/2018 0:45	26	50	31	23	18	0.0	0.0	0.0	0	17	73	753		
20/11/2018 1:00	26	48	39	22	19	0.0	0.0	0.0	0	17	76	753		
20/11/2018 1:15	24	39	35	26	18	0.0	0.0	0.0	0	17	77	753		
20/11/2018 1:30	22	46	28	21	19	0.0	0.0	0.0	0	16	78	753		
20/11/2018 1:45	22	38	34	22	18	0.0	0.0	0.0	0	16	78	752		
20/11/2018 2:00	22	36	33	21	19	0.0	0.0	0.0	0	16	78	752		
20/11/2018 2:15	20	31	25	21	19	0.0	0.0	0.0	0	16	79	753		
20/11/2018 2:30	21	34	30	23	19	0.0	0.0	0.0	0	16	80	752		
20/11/2018 2:45	22	36	32	23	18	0.0	0.0	0.0	0	15	80	752		
20/11/2018 3:00	27	38	37	32	18	0.0	0.0	0.4	113	15	81	752		
20/11/2018 3:15	21	41	27	22	19	0.0	0.0	0.4	113	15	81	752		
20/11/2018 3:30	25	43	36	26	18	0.0	0.0	0.0	0	15	81	752		
20/11/2018 3:45	29	43	39	32	19	0.0	0.0	0.0	0	15	82	752		
20/11/2018 4:00	42	62	53	44	28	0.0	0.0	0.4	113	15	85	752		
20/11/2018 4:15	47	58	56	51	36	0.0	0.0	0.0	0	14	85	752		
20/11/2018 4:30	51	70	64	64	31	0.0	0.0	0.0	0	14	86	752		
20/11/2018 4:45	42	64	63	43	29	0.0	0.0	0.0	0	14	87	753		
20/11/2018 5:00	43	60	55	45	30	0.0	0.0	0.0	0	14	88	753		
20/11/2018 5:15	44	63	55	46	32	0.0	0.0	0.0	0	14	87	753		
20/11/2018 5:30	50	68	63	50	31	0.0	0.0	0.0	0	15	84	753		
20/11/2018 5:45	45	65	56	49	30	0.0	0.0	0.0	0	16	82	753		
20/11/2018 6:00	48	74	55	45	33	0.0	0.0	0.0	0	17	79	753		
20/11/2018 6:15	44	61	56	46	33	0.0	0.0	0.9	338	18	75	754		
20/11/2018 6:30	44	62	54	46	33	0.0	0.0	0.4	338	19	71	754		
20/11/2018 6:45	49	77	57	47	37	0.0	0.0	0.4	270	20	68	754		
20/11/2018 7:00	43	62	53	43	39	0.0	0.0	0.4	248	22	64	754		
20/11/2018 7:15	43	59	53	44	37	0.0	0.0	1.3	248	23	60	754		
20/11/2018 7:30	43	60	54	43	36	0.0	0.4	1.3	315	23	59	754		
20/11/2018 7:45	44	73	54	41	36	0.0	0.0	1.8	113	24	57	754		
20/11/2018 8:00	42	60	53	42	37	0.0	0.4	2.2	315	25	56	754		
20/11/2018 8:15	42	60	62	45	37	0.0	0.4	2.7	270	25	53	753		
20/11/2018 8:30	47	61	58	48	40	0.0	0.4	3.1	315	25	52	753		
20/11/2018 8:45	51	66	57	56	38	0.0	0.9	3.1	338	26	53	753		
20/11/2018 9:00	46	70	52	46	41	0.0	0.9	2.7	248	26	50	753		
20/11/2018 9:15	39	54	46	42	34	0.0	0.9	2.7	248	26	49	753		
20/11/2018 9:30	46	65	60	44	38	0.0	0.4	3.1	225	26	50	753		
20/11/2018 9:45	39	58	45	41	34	0.0	0.9	3.6	293	27	48	753		
20/11/2018 10:00	42	52	47	43	40	0.0	0.9	4.0	338	27	46	753		
Date	Start Time	LAeq	LAmax	LA1	LA10	LA50	Rain (mm)	Avg Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)	
20/11/2018 10:15	40	56	48	42	35	0.0	1.3	4.0	0	28	47	753		
20/11/2018 10:30	43	59	52	45	36	0.0	0.9	4.5	248	29	45	752		
20/11/2018 10:45	44	65	54	44	36	0.0	0.9	4.5	248	29	43	752		
20/11/2018 11:00	43	63	53	45	37	0.0	1.3	3.6	315	29	42	752		
20/11/2018 11:15	40	55	46	42	36	0.0	1.3	4.0	338	29	42	752		
20/11/2018 11:30	38	51	46	40	34	0.0	0.9	4.0	293	30	40	752		
20/11/2018 11:45	45	57	56	48	36	0.0	1.3	3.6	225	31	40	751		
20/11/2018 12:00	42	62	50	43	36	0.0	1.3	4.0	338	30	39	751		
20/11/2018 12:15	41	61	50	43	36	0.0	1.3	4.0	248	31	37	751		
20/11/2018 12:30	40	54	46	42	36	0.0	0.4	1.8	23	30	38	750		
20/11/2018 12:45	45	62	50	48	39	0.0	0.9	3.6	0	31	36	751		
20/11/2018 13:00	52	60	59	57	36	0.0	0.9	4.5	338	31	37	750		
20/11/2018 13:15	47	59	56	54	36	0.0	1.3	4.0	23	31	37	750		
20/11/2018 13:30	41	61	49	42	36	0.0	0.9	4.0	23	31	36	749		
20/11/2018 13:45	43	62	55	47	36	0.0	0.4	1.8	23	31	36	748		
20/11/2018 14:00	46	67	51	45	47	0.0	0.0	1.8	4.9	23	30	42	749	
20/11/2018 14:15	45	59	54	47	40	0.0	0.0	1.8	4.9	23	30	42	748	
20/11/2018 14:30	43	64	55	48	41	0.0	0.0	1.3	4.5	23	30	46	748	
20/11/2018 14:45	46	62	53	48	42	0.0	0.0	1.8	4.5	23	29	45	748	
20/11/2018 15:00														

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
21/11/2018 3:45	27	44	36	29	22	0.0	0.0	2.2	315	19	81	748	
21/11/2018 4:00	37	56	46	41	27	0.0	0.0	1.3	338	19	81	748	
21/11/2018 4:15	47	64	56	51	35	0.0	0.4	3.6	338	19	79	748	
21/11/2018 4:30	50	67	63	51	32	0.0	0.4	2.2	315	19	79	748	
21/11/2018 4:45	44	63	56	45	31	0.0	0.1	1.3	315	19	79	748	
21/11/2018 5:00	46	75	55	42	30	0.0	0.4	2.2	315	19	79	748	
21/11/2018 5:15	46	63	59	47	30	0.0	0.0	0.9	315	19	78	748	
21/11/2018 5:30	52	69	65	54	31	0.0	0.0	1.3	0	20	76	749	
21/11/2018 5:45	50	68	63	50	33	0.0	0.0	1.3	248	20	75	749	
21/11/2018 6:00	44	60	56	45	36	0.0	0.0	1.3	315	21	73	749	
21/11/2018 6:15	44	62	66	45	37	0.0	0.4	4.0	315	22	72	749	
21/11/2018 6:30	46	61	66	49	39	0.0	1.3	4.0	315	22	70	749	
21/11/2018 6:45	46	58	66	49	40	0.0	2.2	5.8	315	22	69	749	
21/11/2018 7:00	47	65	57	48	41	0.0	2.2	6.3	338	23	67	749	
21/11/2018 7:15	44	53	51	46	41	0.0	2.2	7.2	315	24	66	749	
21/11/2018 7:30	47	58	55	51	42	0.0	1.6	4.0	315	24	63	749	
21/11/2018 7:45	48	59	56	51	43	0.0	2.2	6.3	315	25	60	749	
21/11/2018 8:00	48	60	56	51	43	0.0	3.1	6.3	315	25	59	749	
21/11/2018 8:15	47	62	55	50	43	0.0	2.7	6.3	315	26	58	749	
21/11/2018 8:30	48	56	55	51	43	0.0	2.2	5.4	315	27	55	749	
21/11/2018 8:45	47	63	54	50	43	0.0	2.7	6.3	315	27	54	749	
21/11/2018 9:00	50	70	61	51	42	0.0	2.2	5.8	315	28	53	748	
21/11/2018 9:15	50	71	58	51	43	0.0	2.2	5.8	315	29	49	748	
21/11/2018 9:30	47	67	54	50	42	0.0	2.7	7.2	315	29	49	748	
21/11/2018 9:45	47	68	54	51	41	0.0	2.2	5.8	293	30	48	748	
21/11/2018 10:00	46	57	55	49	40	0.0	2.7	6.7	315	30	48	748	
21/11/2018 10:15	45	63	52	48	39	0.0	2.2	6.7	315	31	47	748	
21/11/2018 10:30	45	60	51	47	40	0.0	2.2	6.3	315	31	45	747	
21/11/2018 10:45	45	61	52	46	40	0.0	3.1	5.6	0	31	45	747	
21/11/2018 11:00	44	61	53	47	38	0.0	1.8	7.2	315	32	43	747	
21/11/2018 11:15	45	54	53	49	38	0.0	1.8	5.8	0	33	41	747	
21/11/2018 11:30	45	62	56	47	38	0.0	2.7	6.7	315	33	40	746	
21/11/2018 11:45	46	62	55	49	38	0.0	2.2	6.3	315	33	42	746	
21/11/2018 12:00	45	55	53	49	39	0.0	2.7	5.8	315	33	38	746	
21/11/2018 12:15	46	61	57	48	38	0.0	2.2	7.6	315	34	38	746	
21/11/2018 12:30	48	57	56	51	40	0.0	2.7	6.3	315	34	37	745	
21/11/2018 12:45	49	57	55	52	40	0.0	2.7	7.2	0	34	38	745	
21/11/2018 13:00	50	64	57	53	44	0.0	3.6	8.0	338	34	37	745	
21/11/2018 13:15	49	62	58	52	40	0.0	3.1	6.7	315	35	36	744	
21/11/2018 13:30	47	60	54	50	40	0.0	3.1	7.6	0	34	36	744	
21/11/2018 13:45	49	59	68	53	42	0.0	3.1	7.2	0	33	38	744	
21/11/2018 14:00	50	59	57	54	42	0.0	3.6	7.6	315	34	38	744	
21/11/2018 14:15	47	59	56	50	41	0.0	3.1	8.0	315	34	37	744	
21/11/2018 14:30	52	61	59	55	44	0.0	3.1	6.7	315	34	38	743	
21/11/2018 14:45	47	59	55	51	40	0.0	3.6	8.5	315	34	37	743	
21/11/2018 15:00	48	67	55	52	40	0.0	2.2	5.8	338	33	40	743	
21/11/2018 15:15	44	62	53	44	40	0.0	2.7	5.8	315	32	43	744	
21/11/2018 15:30	46	69	56	45	38	0.0	0.9	3.1	293	32	43	744	
21/11/2018 15:45	44	59	53	45	39	0.0	0.9	4.0	248	33	42	744	
21/11/2018 16:00	57	74	69	60	37	0.0	0.9	3.1	225	32	43	744	
21/11/2018 16:15	49	68	61	51	38	0.0	0.9	2.7	225	32	43	744	
21/11/2018 16:30	50	72	66	52	40	0.0	0.4	2.7	225	31	43	744	
21/11/2018 16:45	48	69	59	49	40	0.0	1.8	6.7	225	29	56	743	
21/11/2018 17:00	53	75	66	53	37	0.0	1.8	4.5	0	28	60	744	
21/11/2018 17:15	42	60	51	43	38	0.0	0.4	1.8	338	28	59	744	
21/11/2018 17:30	42	59	52	44	36	0.0	0.0	1.8	0	28	59	744	
21/11/2018 17:45	41	55	47	43	36	0.0	0.0	0.0	0	28	59	744	
21/11/2018 18:00	41	61	50	43	35	0.0	0.0	0.4	90	28	61	744	
21/11/2018 18:15	43	61	49	45	37	0.0	0.0	1.3	158	28	64	744	
21/11/2018 18:30	40	61	50	41	33	0.0	0.4	1.3	135	28	64	745	
21/11/2018 18:45	37	58	44	39	31	0.0	0.4	3.1	180	27	63	745	
21/11/2018 19:00	38	48	47	43	30	0.0	0.9	3.6	203	27	61	745	
21/11/2018 19:15	31	42	38	32	29	0.0	0.4	2.2	203	27	68	746	
21/11/2018 19:30	30	55	33	30	28	0.0	0.1	1.3	0	26	70	746	
21/11/2018 19:45	36	55	43	37	29	0.0	0.0	0.4	23	26	68	746	
21/11/2018 20:00	38	52	46	39	36	0.0	0.0	0.9	113	26	74	746	
21/11/2018 20:15	42	61	49	45	29	0.0	0.0	0.4	45	25	79	746	
21/11/2018 20:30	37	47	42	40	33	0.0	0.0	0.0	0	24	81	746	
21/11/2018 20:45	40	50	45	43	36	0.0	0.0	0.4	68	24	85	746	
21/11/2018 21:00	37	54	42	40	31	0.2	0.0	0.4	90	24	85	746	
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
21/11/2018 21:15	40	58	40	45	31	0.2	0.0	0.9	23	23	91	746	
21/11/2018 21:30	33	47	42	37	26	0.2	0.0	0.4	23	23	93	747	
21/11/2018 21:45	40	49	45	44	31	0.0	0.0	0.0	23	93	746		
21/11/2018 22:00	43	53	50	47	36	0.2	0.0	0.0	0	23	93	746	
21/11/2018 22:15	39	51	50	42	30	0.4	0.9	2.7	338	22	91	746	
21/11/2018 22:30	40	49	47	44	32	0.0	1.3	3.6	338	22	90	746	
21/11/2018 22:45	32	44	39	34	29	0.2	0.9	3.1	315	22	91	746	
21/11/2018 23:00	36	54	43	38	31	0.0	1.3	3.1	338	23	89	746	
21/11/2018 23:15	32	51	36	34	29	0.0	1.3	3.6	338	22	89	746	
21/11/2018 23:30	32	39	37	34	30	0.0	0.9	2.7	338	23	89	746	
21/11/2018 23:45	34	44	40	37	30	0.0	0.9	3.6	315	23	87	745	
22/11/2018 0:00	30	38	36	32	27	0.0	1.3	4.0	315	23	87	745	
22/11/2018 0:15	27	41	33	28	26	0.0	0.4	2.7	315	23	88	745	
22/11/2018 0:30	26	44	36	29	26	0.0	0.4	1.8	293	23	89	745	
22/11/2018 0:45	32	48	41	34	26	0.0	0.4	1.8	315	23	90	744	
22/11/2018 1:00	33	41	33	26	0.0	0.4	1.8	315	23	90	744		
22/11/2018 1:15	33	41	30	26	0.0	0.4	1.8	315	23	89	744		
22/11/2018 1:30	33	41	30	26	0.0	0.4	1.8	315	23	89	744		
22/11/2018 1:45	35	48	43	39	27	0.0	0.9	4.0	315	23	89	744	
22/11/2018 2:00	40	50	49	43	34	0.0	1.3	4.0	315	23	89	744	
22/11/2018 2:15	35	52	41	38	29	0.0	1.3	4.0	315	23	89	744	
22/11/2018 2:30	35	44	42	38	31	0.0	1.3	4.5	338	23	89	744	
22/11/2018 2:45	37	44	42										

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
22/11/2018 14:45	48	60	55	51	43	0.0	2.2	6.7	225	32	45	743	
22/11/2018 15:00	52	62	60	56	43	0.0	1.8	7.2	270	30	47	742	
22/11/2018 15:15	48	64	56	51	42	0.0	2.2	9.8	225	30	47	742	
22/11/2018 15:30	46	53	51	49	42	0.0	1.8	7.2	225	30	44	742	
22/11/2018 15:45	49	58	56	53	41	0.0	2.2	6.3	225	31	43	742	
22/11/2018 16:00	50	59	56	53	45	0.0	2.2	5.8	225	30	42	742	
22/11/2018 16:15	50	68	61	52	42	0.0	3.1	6.3	270	30	44	742	
22/11/2018 16:30	48	63	54	51	43	0.0	1.8	4.9	270	29	45	742	
22/11/2018 16:45	49	60	57	52	43	0.0	1.8	4.9	225	30	44	742	
22/11/2018 17:00	48	64	55	51	43	0.0	2.2	5.8	225	30	41	742	
22/11/2018 17:15	52	71	63	64	45	0.0	2.2	5.4	225	30	41	742	
22/11/2018 17:30	53	69	64	65	42	0.0	2.2	5.4	225	26	42	742	
22/11/2018 17:45	56	73	67	58	42	0.0	1.3	4.5	225	28	44	743	
22/11/2018 18:00	43	57	50	45	40	0.0	1.3	3.1	225	27	43	743	
22/11/2018 18:15	45	65	54	46	38	0.0	0.9	2.7	225	27	46	743	
22/11/2018 18:30	46	62	54	47	42	0.0	0.4	2.2	225	26	49	743	
22/11/2018 18:45	43	58	48	44	40	0.0	0.9	3.1	225	25	49	743	
22/11/2018 19:00	40	58	46	43	36	0.0	0.4	1.8	225	25	51	744	
22/11/2018 19:15	40	58	51	41	31	0.0	0.0	1.8	225	24	54	744	
22/11/2018 19:30	36	53	46	39	30	0.0	0.4	1.3	225	24	54	744	
22/11/2018 19:45	33	42	40	36	30	0.0	0.4	1.3	225	23	53	744	
22/11/2018 20:00	33	46	39	34	30	0.0	0.4	1.3	225	23	56	745	
22/11/2018 20:15	35	60	41	35	30	0.0	0.9	1.8	225	23	54	745	
22/11/2018 20:30	36	60	42	36	28	0.0	0.9	1.8	225	23	55	745	
22/11/2018 20:45	31	54	38	31	28	0.0	0.4	1.3	225	22	56	745	
22/11/2018 21:00	30	46	37	31	28	0.0	0.0	0.9	225	22	55	745	
22/11/2018 21:15	33	56	43	30	26	0.0	0.0	1.3	248	22	54	745	
22/11/2018 21:30	29	45	37	30	26	0.0	0.0	1.3	270	22	53	746	
22/11/2018 21:45	34	59	44	34	27	0.0	0.0	1.3	293	22	54	745	
22/11/2018 22:00	28	50	37	29	24	0.0	0.0	0.9	270	22	61	745	
22/11/2018 22:15	28	38	36	29	25	0.0	0.0	0.0	0	21	58	745	
22/11/2018 22:30	27	37	32	29	25	0.0	0.0	1.3	158	20	60	745	
22/11/2018 22:45	29	53	34	29	26	0.0	0.0	0.9	90	20	63	746	
22/11/2018 23:00	27	39	33	28	25	0.0	0.0	0.4	23	20	64	746	
22/11/2018 23:15	30	50	40	30	25	0.0	0.0	1.8	23	20	65	746	
22/11/2018 23:30	31	54	41	30	25	0.0	0.0	0.0	0	19	65	746	
22/11/2018 23:45	27	41	33	28	25	0.0	0.0	0.0	0	19	65	746	
23/11/2018 0:00	29	53	33	28	25	0.0	0.0	0.9	23	19	69	746	
23/11/2018 0:15	26	46	33	27	23	0.0	0.0	0.0	0	18	62	746	
23/11/2018 0:30	26	41	36	27	23	0.0	0.0	0.9	180	18	68	746	
23/11/2018 0:45	27	38	32	29	24	0.0	0.0	0.9	180	18	57	746	
23/11/2018 1:00	29	55	30	24	21	0.0	0.4	1.8	203	18	58	746	
23/11/2018 1:15	23	38	28	24	21	0.0	0.0	0.0	0	19	53	745	
23/11/2018 1:30	23	37	32	24	21	0.0	0.0	0.0	0	18	52	745	
23/11/2018 1:45	34	61	34	23	20	0.0	0.0	0.0	0	18	53	745	
23/11/2018 2:00	36	60	49	35	21	0.0	0.0	0.0	0	18	54	745	
23/11/2018 2:15	32	55	39	31	23	0.0	0.0	0.9	203	18	54	745	
23/11/2018 2:30	31	51	42	31	23	0.0	0.0	0.9	203	18	49	745	
23/11/2018 2:45	33	53	45	36	22	0.0	0.0	0.4	248	18	47	745	
23/11/2018 3:00	22	39	31	23	19	0.0	0.0	0.9	248	18	48	745	
23/11/2018 3:15	25	40	38	23	20	0.0	0.0	0.0	0	17	43	745	
23/11/2018 3:30	31	47	43	34	20	0.0	0.0	0.0	0	17	43	745	
23/11/2018 3:45	27	39	36	30	21	0.0	0.0	0.0	0	17	50	745	
23/11/2018 4:00	36	54	46	39	23	0.0	0.0	0.4	248	16	49	745	
23/11/2018 4:15	43	58	53	47	29	0.0	0.0	0.0	0	18	55	746	
23/11/2018 4:30	45	72	56	44	27	0.0	0.0	0.4	248	15	54	746	
23/11/2018 4:45	44	63	57	45	27	0.0	0.0	0.0	0	15	50	746	
23/11/2018 5:00	42	60	54	45	26	0.0	0.0	0.0	0	15	50	746	
23/11/2018 5:15	43	66	53	45	29	0.0	0.0	0.0	0	16	45	746	
23/11/2018 5:30	40	56	53	42	28	0.0	0.0	0.0	0	16	43	746	
23/11/2018 5:45	42	59	54	44	31	0.0	0.0	0.0	0	17	41	747	
23/11/2018 6:00	43	68	53	45	32	0.0	0.0	0.9	270	18	49	747	
23/11/2018 6:15	41	60	53	43	33	0.0	0.4	3.1	293	18	53	747	
23/11/2018 6:30	42	57	54	43	34	0.0	0.4	1.8	283	19	48	747	
23/11/2018 6:45	42	58	49	43	38	0.0	0.4	1.8	270	20	48	747	
23/11/2018 7:00	40	57	50	41	36	0.0	0.4	1.8	270	21	41	747	
23/11/2018 7:15	42	65	52	42	38	0.0	0.9	1.8	203	21	38	747	
23/11/2018 7:30	39	49	45	41	37	0.0	0.9	2.7	270	22	36	747	
23/11/2018 7:45	43	62	52	44	38	0.0	0.9	2.2	270	23	36	747	
23/11/2018 8:00	44	63	55	45	38	0.0	0.9	2.7	225	24	26	747	
Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
23/11/2018 8:15	42	57	49	43	38	0.0	0.9	3.6	180	25	26	747	
23/11/2018 8:30	50	68	62	53	39	0.0	1.3	3.1	203	25	25	747	
23/11/2018 8:45	48	66	56	47	40	0.0	1.3	3.6	203	26	22	747	
23/11/2018 9:00	43	67	51	45	37	0.0	1.3	4.5	225	26	22	746	
23/11/2018 9:15	51	70	66	50	41	0.0	1.3	4.0	203	27	22	747	
23/11/2018 9:30	52	63	61	55	43	0.0	1.8	4.9	203	27	23	746	
23/11/2018 9:45	50	62	56	52	46	0.0	2.7	7.6	203	27	22	746	
23/11/2018 10:00	52	62	59	55	47	0.0	2.2	5.4	225	28	19	746	
23/11/2018 10:15	52	59	57	55	47	0.0	2.7	5.8	225	28	16	746	
23/11/2018 10:30	49	58	55	52	44	0.0	2.7	5.8	225	30	18	746	
23/11/2018 10:45	50	63	60	55	46	0.0	2.7	6.7	225	29	20	746	
23/11/2018 11:00	52	64	60	56	46	0.0	2.7	6.4	225	30	16	746	
23/11/2018 11:15	53	62	60	58	47	0.0	2.7	7.6	225	30	20	745	
23/11/2018 11:30	52	63	59	55	46	0.0	2.7	7.2	225	30	19	745	
23/11/2018 11:45	51	64	60	57	49	0.0	3.1	6.7	225	31	18	744	
23/11/2018 12:00	56	70	69	62	49	0.0	3.1	8.9	225	31	16	744	
23/11/2018 12:15	56	66	63	60	47	0.0	2.7	6.3	225	30	16	743	
23/11/2018 12:30	54	65	62	58	48	0.0	3.1	8.0	225	30	18	743	
23/11/2018 12:45	52	60	57	55	47	0.0	3.1	7.6	225	29	17	743	
23/11/2018 13:00	54	68	60	57	46	0.0	2.7	6.3	225	29	17	743	
23/11/2018 13:15	52	64	60	56	46	0.0	2.7	7.2	225	29	19	743	
23/11/2018 13:30													

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
24/11/2018 1:45	40	71	36	22	18	0.0	0.0	0.0	0.0	0	19	40	743
24/11/2018 2:00	36	53	46	41	19	0.0	0.0	1.3	158	17	37	44	
24/11/2018 2:15	20	30	25	20	18	0.0	0.4	3.6	203	17	38	744	
24/11/2018 2:30	36	65	43	31	19	0.0	0.0	1.3	135	17	48	744	
24/11/2018 2:45	40	67	43	38	26	0.0	0.4	2.7	135	16	41	744	
24/11/2018 3:00	37	49	43	39	31	0.0	0.9	2.7	203	17	38	745	
24/11/2018 3:15	40	53	51	45	32	0.0	0.9	2.2	203	18	34	745	
24/11/2018 3:30	39	66	46	40	28	0.0	1.3	3.8	203	19	32	745	
24/11/2018 3:45	32	52	44	33	24	0.0	0.9	3.1	203	19	33	745	
24/11/2018 4:00	34	50	42	38	26	0.0	0.4	1.8	203	18	34	744	
24/11/2018 4:15	46	68	69	48	30	0.0	0.4	3.1	203	18	33	745	
24/11/2018 4:30	39	69	51	41	27	0.0	0.4	1.8	203	18	36	745	
24/11/2018 4:45	45	66	60	42	24	0.0	0.0	0.9	203	18	34	745	
24/11/2018 5:00	41	63	52	40	26	0.0	0.0	0.4	248	17	38	745	
24/11/2018 5:15	45	60	56	48	37	0.0	0.9	1.8	203	17	37	745	
24/11/2018 5:30	50	59	56	54	42	0.0	2.2	4.5	203	18	33	745	
24/11/2018 5:45	43	51	50	47	37	0.0	2.2	5.4	203	20	30	746	
24/11/2018 6:00	38	51	48	41	31	0.0	1.3	4.9	203	21	30	746	
24/11/2018 6:15	39	54	49	41	32	0.0	0.9	5.8	315	21	29	746	
24/11/2018 6:30	44	63	54	49	34	0.0	0.4	2.7	315	22	29	747	
24/11/2018 6:45	57	78	64	60	47	0.0	1.8	6.3	203	22	27	746	
24/11/2018 7:00	56	65	63	60	49	0.0	4.0	8.5	203	22	27	745	
24/11/2018 7:15	55	85	62	54	41	0.0	3.1	8.0	203	23	27	746	
24/11/2018 7:30	45	70	62	44	37	0.0	1.8	6.3	203	23	24	746	
24/11/2018 7:45	41	59	49	43	36	0.0	0.9	3.6	315	24	25	746	
24/11/2018 8:00	42	58	64	43	35	0.0	1.3	3.1	203	25	23	746	
24/11/2018 8:15	48	70	60	44	35	0.0	0.9	3.1	203	25	24	746	
24/11/2018 8:30	39	48	47	43	33	0.0	1.3	3.6	203	26	25	746	
24/11/2018 8:45	46	66	54	48	39	0.0	1.3	4.5	203	26	21	746	
24/11/2018 9:00	51	71	63	52	39	0.0	1.8	5.8	225	26	22	746	
24/11/2018 9:15	42	60	51	45	37	0.0	2.2	5.4	225	26	22	746	
24/11/2018 9:30	43	58	51	46	37	0.0	1.3	3.6	225	27	20	746	
24/11/2018 9:45	44	57	51	46	40	0.0	1.8	5.8	225	28	19	746	
24/11/2018 10:00	54	73	67	56	41	0.0	1.8	5.4	225	28	18	745	
24/11/2018 10:15	50	62	59	53	40	0.0	1.8	5.8	203	29	16	745	
24/11/2018 10:30	57	77	72	54	42	0.0	2.2	6.3	203	29	17	745	
24/11/2018 10:45	48	57	55	51	43	0.0	2.2	5.4	225	29	17	745	
24/11/2018 11:00	53	63	61	58	44	0.0	2.2	5.4	225	30	19	745	
24/11/2018 11:15	52	62	60	56	45	0.0	3.1	6.3	203	30	17	745	
24/11/2018 11:30	53	69	64	55	47	0.0	2.7	6.7	225	31	15	745	
24/11/2018 11:45	60	57	66	53	45	0.0	2.7	5.8	225	31	14	745	
24/11/2018 12:00	50	58	57	54	43	0.0	2.7	6.3	203	30	15	745	
24/11/2018 12:15	49	58	57	52	42	0.0	3.1	5.8	203	31	14	744	
24/11/2018 12:30	49	58	56	53	39	0.0	2.7	5.8	225	31	14	744	
24/11/2018 12:45	43	54	50	47	37	0.0	2.2	5.8	225	32	14	744	
24/11/2018 13:00	46	56	53	50	37	0.0	1.8	4.5	203	32	14	744	
24/11/2018 13:15	47	61	56	50	40	0.0	1.8	5.8	225	32	16	744	
24/11/2018 13:30	46	56	54	49	39	0.0	2.2	5.8	203	33	15	743	
24/11/2018 13:45	50	62	59	53	42	0.0	2.2	6.3	225	33	14	743	
24/11/2018 14:00	45	56	54	50	37	0.0	2.2	5.8	225	32	15	743	
24/11/2018 14:15	44	52	50	47	38	0.0	1.8	4.9	225	32	16	743	
24/11/2018 14:30	42	51	49	46	36	0.0	2.2	4.9	203	32	15	743	
24/11/2018 14:45	49	56	55	53	42	0.0	1.8	4.9	203	33	15	743	
24/11/2018 15:00	50	65	60	52	40	0.0	2.2	4.9	203	32	15	743	
24/11/2018 15:15	45	54	53	49	36	0.0	2.2	4.9	203	32	15	743	
24/11/2018 15:30	48	62	59	51	41	0.0	1.8	6.3	203	33	16	743	
24/11/2018 15:45	47	62	57	49	39	0.0	1.8	6.7	225	32	15	743	
24/11/2018 16:00	49	65	60	52	40	0.0	2.2	4.9	203	32	15	743	
24/11/2018 16:15	50	60	56	53	43	0.0	2.2	4.9	203	32	15	743	
24/11/2018 16:30	47	56	54	50	41	0.0	2.7	5.4	203	31	16	743	
24/11/2018 16:45	47	59	54	49	42	0.0	2.7	5.4	203	30	17	743	
24/11/2018 17:00	49	63	59	52	39	0.0	1.8	4.9	225	30	18	743	
24/11/2018 17:15	47	62	57	50	40	0.0	2.2	4.9	203	29	19	743	
24/11/2018 17:30	50	60	56	53	43	0.0	2.7	6.3	203	28	20	743	
24/11/2018 17:45	48	58	56	51	42	0.0	3.1	5.8	203	27	20	743	
24/11/2018 18:00	47	66	56	50	40	0.0	2.7	6.3	203	26	22	743	
24/11/2018 18:15	46	68	51	49	41	0.0	2.2	4.9	203	26	22	744	
24/11/2018 18:30	47	63	57	49	42	0.0	2.7	4.9	203	25	23	744	
24/11/2018 18:45	48	54	52	49	40	0.0	2.7	5.4	203	25	23	744	
24/11/2018 19:00	44	52	51	47	40	0.0	2.7	4.9	203	24	24	744	

Logged Noise and Weather Data														
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)	
25/11/2018 12:45	50	60	55	51	39	0.0	2.2	4.9	203	35	20	742		
25/11/2018 13:00	45	54	52	48	39	0.0	1.8	5.8	203	36	19	741		
25/11/2018 13:15	47	60	57	49	39	0.0	2.2	4.9	203	35	19	741		
25/11/2018 13:30	45	56	51	48	40	0.0	2.2	4.9	203	34	20	740		
25/11/2018 13:45	46	54	53	51	38	0.0	2.2	5.4	203	34	20	740		
25/11/2018 14:00	44	51	50	47	39	0.0	2.2	5.4	203	33	23	740		
25/11/2018 14:15	48	71	58	49	37	0.0	1.8	4.9	203	32	24	740		
25/11/2018 14:30	45	64	52	48	37	0.0	2.2	4.0	203	31	27	739		
25/11/2018 14:45	48	65	58	51	40	0.0	1.8	4.0	203	32	26	740		
25/11/2018 15:00	44	52	51	46	39	0.0	2.2	4.9	203	32	25	740		
25/11/2018 15:15	45	62	55	49	39	0.0	1.8	4.0	203	30	28	740		
25/11/2018 15:30	43	56	51	46	40	0.0	1.8	4.0	203	30	33	740		
25/11/2018 15:45	46	53	52	49	40	0.0	1.3	4.9	180	33	26	741		
25/11/2018 16:00	46	54	52	49	39	0.0	1.8	4.0	203	32	27	740		
25/11/2018 16:15	53	72	65	54	42	0.0	2.2	4.9	203	32	26	740		
25/11/2018 16:30	61	66	73	57	40	0.0	2.2	8.0	203	32	26	740		
25/11/2018 16:45	47	71	57	48	39	0.0	1.8	4.0	203	32	26	740		
25/11/2018 17:00	44	59	54	46	38	0.0	1.8	4.9	203	32	26	739		
25/11/2018 17:15	44	62	55	46	36	0.0	1.3	3.6	203	31	27	739		
25/11/2018 17:30	41	59	50	43	35	0.0	0.9	3.6	203	30	28	739		
25/11/2018 17:45	43	71	49	42	36	0.0	0.9	3.1	203	29	30	739		
25/11/2018 18:00	39	59	47	40	34	0.0	0.4	1.8	203	29	31	739		
25/11/2018 18:15	41	64	49	42	33	0.0	0.0	0.9	203	28	32	740		
25/11/2018 18:30	47	67	60	48	38	0.0	0.0	0.0	28	36	740			
25/11/2018 18:45	37	53	43	40	28	0.0	0.0	0.9	315	27	36	740		
25/11/2018 19:00	33	61	39	33	28	0.0	0.0	0.9	315	26	38	740		
25/11/2018 19:15	32	56	37	32	28	0.0	0.0	0.9	338	26	39	740		
25/11/2018 19:30	29	54	34	29	26	0.0	0.0	1.3	158	25	40	740		
25/11/2018 19:45	28	45	32	28	26	0.0	0.0	0.0	0	25	44	741		
25/11/2018 20:00	33	55	40	32	25	0.0	0.0	0.9	203	25	41	741		
25/11/2018 20:15	28	42	35	31	25	0.0	0.0	0.0	0	24	43	741		
25/11/2018 20:30	27	40	36	29	23	0.0	0.0	0.0	0	24	43	741		
25/11/2018 20:45	30	58	39	29	23	0.0	0.0	0.0	0	24	45	741		
25/11/2018 21:00	27	42	35	28	25	0.0	0.0	0.0	0	23	46	741		
25/11/2018 21:15	26	41	31	27	24	0.0	0.0	0.0	0	22	47	741		
25/11/2018 21:30	27	37	34	28	25	0.0	0.0	0.0	0	22	49	741		
25/11/2018 21:45	28	49	36	27	25	0.0	0.0	0.0	0	22	49	741		
25/11/2018 22:00	27	51	33	27	24	0.0	0.0	0.0	0	21	51	742		
25/11/2018 22:15	28	54	36	27	24	0.0	0.0	0.0	0	21	52	741		
25/11/2018 22:30	27	39	36	28	24	0.0	0.0	0.9	158	20	53	741		
25/11/2018 22:45	29	43	39	32	23	0.0	0.0	0.9	203	20	57	741		
25/11/2018 22:30	35	59	44	31	23	0.0	0.0	0.4	158	19	56	741		
25/11/2018 23:15	25	38	33	26	23	0.0	0.0	0.0	0	19	57	741		
25/11/2018 23:30	26	44	34	27	22	0.0	0.0	0.0	0	19	59	741		
25/11/2018 23:45	24	39	33	26	21	0.0	0.0	0.0	0	18	58	741		
26/11/2018 0:00	26	52	35	27	21	0.0	0.0	1.3	158	18	60	741		
26/11/2018 0:15	24	40	33	24	20	0.0	0.0	1.3	158	18	62	741		
26/11/2018 0:30	26	43	39	28	20	0.0	0.0	0.4	158	17	64	741		
26/11/2018 0:45	22	34	28	24	20	0.0	0.0	0.0	0	17	63	741		
26/11/2018 1:00	23	38	32	23	20	0.0	0.0	0.0	0	17	64	741		
26/11/2018 1:15	24	48	35	23	19	0.0	0.0	0.0	0	17	65	741		
26/11/2018 1:30	24	42	36	23	19	0.0	0.0	0.0	0	16	66	741		
26/11/2018 1:45	28	53	38	26	19	0.0	0.0	0.9	180	16	67	741		
26/11/2018 2:00	22	36	29	24	20	0.0	0.0	0.0	0	16	68	741		
26/11/2018 2:15	31	53	43	28	20	0.0	0.0	0.0	0	15	70	740		
26/11/2018 2:30	24	42	34	24	19	0.0	0.0	0.9	158	15	70	740		
26/11/2018 2:45	22	44	31	22	19	0.0	0.0	1.3	158	15	70	740		
26/11/2018 3:00	25	45	36	26	20	0.0	0.0	0.0	0	15	70	740		
26/11/2018 3:15	31	43	41	36	21	0.0	0.0	0.9	158	15	72	741		
26/11/2018 3:30	34	51	44	37	22	0.0	0.0	0.0	0	15	73	741		
26/11/2018 3:45	35	48	44	39	25	0.0	0.0	0.4	158	15	73	741		
26/11/2018 4:00	36	50	44	40	30	0.0	0.0	0.9	158	14	73	741		
26/11/2018 4:15	45	61	56	49	31	0.0	0.0	0.0	0	15	73	741		
26/11/2018 4:30	44	64	56	46	29	0.0	0.0	0.0	0	14	74	741		
26/11/2018 4:45	45	65	57	44	30	0.0	0.0	0.0	0	14	74	741		
26/11/2018 5:00	42	66	64	44	29	0.0	0.0	0.0	0	14	75	741		
26/11/2018 5:15	44	62	57	45	30	0.0	0.0	0.0	0	15	74	742		
26/11/2018 5:30	43	59	55	44	29	0.0	0.0	0.4	158	15	71	742		
26/11/2018 5:45	45	66	56	43	30	0.0	0.0	0.0	0	16	69	742		
26/11/2018 6:00	39	56	50	40	32	0.0	0.0	0.9	225	17	64	742		
Logged Noise and Weather Data												Logged Noise and Weather Data		
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)	
26/11/2018 6:15	41	60	50	43	35	0.0	0.0	0.0	0.0	0.9	203	19	60	743
26/11/2018 6:30	41	57	49	44	34	0.0	0.4	1.3	270	20	58	743		
26/11/2018 6:45	43	60	54	44	39	0.0	0.4	1.3	248	21	57	743		
26/11/2018 7:00	42	55	52	43	35	0.0	0.4	1.3	270	23	48	743		
26/11/2018 7:15	40	57	46	42	37	0.0	0.4	1.3	225	24	44	743		
26/11/2018 7:30	40	59	49	42	35	0.0	0.4	1.8	203	26	36	743		
26/11/2018 7:45	45	66	58	48	34	0.0	0.9	2.7	203	28	29	743		
26/11/2018 8:00	41	56	51	42	34	0.0	0.9	2.2	203	29	27	743		
26/11/2018 8:15	38	52	43	40	35	0.0	1.3	4.0	203	30	25	743		
26/11/2018 8:30	44	68	56	40	34	0.0	0.9	3.1	180	31	26	743		
26/11/2018 8:45	38	60	44	40	35	0.0	1.3	4.5	158	32	23	743		
26/11/2018 9:00	48	59	53	48	38	0.0	0.9	2.2	158	32	24	743		
26/11/2018 9:15	45	58	51	47	41	0.0	1.3	4.0	203	32	23	743		
26/11/2018 9:30	45	52	51	47	41	0.0	1.3	4.0	203	32	22	743		
26/11/2018 9:45	44	58	51	48	40	0.0	1.3	4.0	203	32	22	743		
26/11/2018 10:00	46	57	53	50	41	0.0	1.8	6.3	203	34	19	743		
26/11/2018 10:15	44	57	53	47	39	0.0	2.2	7.2	203	35	18	742		
26/11/2018 10:30	46	56	53	50	41	0.0	2.2	7.2	203	34	19	743		
26/11/201														

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
26/11/2018 23:45	27	39	36	29	21	0.0	0.0	0.0	0	17	77	746	
27/11/2018 0:00	23	37	31	25	20	0.0	0.0	0.0	0	17	78	746	
27/11/2018 0:15	26	54	36	29	20	0.0	0.0	0.0	0	16	80	746	
27/11/2018 0:30	26	40	36	26	20	0.0	0.0	0.0	0	16	82	746	
27/11/2018 0:45	30	57	34	24	19	0.0	0.0	0.0	0	16	83	746	
27/11/2018 1:00	24	46	36	25	20	0.0	0.0	0.0	0	16	84	746	
27/11/2018 1:15	27	51	36	25	19	0.0	0.0	0.0	0	16	85	746	
27/11/2018 1:30	25	40	35	26	19	0.0	0.0	0.0	0	16	86	746	
27/11/2018 1:45	21	36	29	22	18	0.0	0.0	0.0	0	15	87	746	
27/11/2018 2:00	23	39	31	24	20	0.0	0.0	0.0	0	15	85	746	
27/11/2018 2:15	24	41	37	24	19	0.0	0.0	0.0	0	15	87	746	
27/11/2018 2:30	24	42	36	24	20	0.0	0.0	0.0	0	15	89	746	
27/11/2018 2:45	26	49	37	28	19	0.0	0.0	0.0	0	15	88	746	
27/11/2018 3:00	25	45	33	28	19	0.0	0.0	0.0	0	14	90	746	
27/11/2018 3:15	28	46	38	30	19	0.0	0.0	0.0	0	14	90	746	
27/11/2018 3:30	34	52	45	36	21	0.0	0.0	0.0	0	14	91	746	
27/11/2018 3:45	39	57	48	43	25	0.0	0.0	0.0	0	14	91	746	
27/11/2018 4:00	40	57	48	43	30	0.0	0.0	0.0	0	14	91	746	
27/11/2018 4:15	42	57	53	46	32	0.0	0.0	0.0	0	14	90	746	
27/11/2018 4:30	42	64	55	43	29	0.0	0.0	0.9	203	14	91	746	
27/11/2018 4:45	46	68	59	44	28	0.0	0.0	0.4	270	14	92	747	
27/11/2018 5:00	54	79	67	50	30	0.0	0.0	0.4	315	14	91	747	
27/11/2018 5:15	42	65	53	40	30	0.0	0.0	0.9	135	15	89	747	
27/11/2018 5:30	38	69	49	39	29	0.0	0.0	0.9	23	15	89	747	
27/11/2018 5:45	39	65	50	42	30	0.0	0.0	0.0	0	15	88	747	
27/11/2018 6:00	40	58	62	41	29	0.0	0.0	0.0	0	16	88	748	
27/11/2018 6:15	37	58	49	39	29	0.0	0.0	0.0	0	16	88	747	
27/11/2018 6:30	39	60	50	40	29	0.0	0.0	0.0	0	17	84	747	
27/11/2018 6:45	42	68	51	42	28	0.0	0.0	0.0	0	18	81	747	
27/11/2018 7:00	37	58	46	39	29	0.0	0.0	0.0	0	19	79	748	
27/11/2018 7:15	38	55	49	41	30	0.0	0.0	0.4	203	20	74	748	
27/11/2018 7:30	40	57	48	41	35	0.0	0.0	0.4	203	21	72	748	
27/11/2018 7:45	41	60	50	42	38	0.0	0.0	0.4	270	22	68	747	
27/11/2018 8:00	42	63	54	42	33	0.0	0.0	0.9	315	22	65	747	
27/11/2018 8:15	44	65	56	46	33	0.0	0.0	0.9	68	23	63	747	
27/11/2018 8:30	46	64	60	44	34	0.0	0.0	0.9	113	24	62	747	
27/11/2018 8:45	40	57	50	42	34	0.0	0.0	0.9	338	24	62	748	
27/11/2018 9:00	43	63	55	45	33	0.0	0.9	2.7	248	25	60	747	
27/11/2018 9:15	40	59	50	41	33	0.0	0.9	2.2	338	25	62	747	
27/11/2018 9:30	40	57	50	42	34	0.0	0.9	3.1	338	25	62	748	
27/11/2018 9:45	38	63	47	39	33	0.0	1.3	4.0	315	25	62	748	
27/11/2018 10:00	39	56	46	42	36	0.0	0.9	3.6	338	25	61	747	
27/11/2018 10:15	41	63	48	45	32	0.0	0.9	2.7	338	26	59	747	
27/11/2018 10:30	38	54	47	41	32	0.0	0.9	4.0	315	26	60	747	
27/11/2018 10:45	46	63	58	48	34	0.0	0.9	3.1	315	25	61	747	
27/11/2018 11:00	43	62	54	46	31	0.0	0.4	2.7	315	26	61	747	
27/11/2018 11:15	40	56	50	43	33	0.0	0.9	3.1	315	26	60	747	
27/11/2018 11:30	42	59	51	45	31	0.0	0.4	2.2	248	26	59	747	
27/11/2018 11:45	49	70	64	46	31	0.0	0.9	2.7	315	27	58	747	
27/11/2018 12:00	37	61	46	38	30	0.0	0.9	2.7	0	26	58	748	
27/11/2018 12:15	39	61	46	40	32	0.0	0.9	2.2	0	27	58	748	
27/11/2018 12:30	51	74	62	48	31	0.0	1.3	3.6	23	27	56	747	
27/11/2018 12:45	45	66	56	45	34	0.0	1.3	3.6	0	27	55	748	
27/11/2018 13:00	41	66	51	43	34	0.0	0.9	3.6	315	28	55	748	
27/11/2018 13:15	40	60	47	41	36	0.0	1.3	3.6	0	28	54	748	
27/11/2018 13:30	42	58	49	43	38	0.0	1.3	3.6	338	29	51	748	
27/11/2018 13:45	50	73	63	46	37	0.0	0.9	4.5	315	30	50	745	
27/11/2018 14:00	43	64	53	44	36	0.0	0.9	4.0	23	31	46	745	
27/11/2018 14:15	42	57	52	43	37	0.0	0.9	3.1	90	31	45	745	
27/11/2018 14:30	41	58	51	43	36	0.0	1.3	4.5	315	31	45	744	
27/11/2018 14:45	41	59	50	43	36	0.0	0.9	3.1	0	31	46	744	
27/11/2018 15:00	41	58	50	43	37	0.0	0.9	3.6	0	31	44	744	
27/11/2018 15:15	42	61	52	42	37	0.0	1.3	4.0	0	31	45	744	
27/11/2018 15:30	41	58	49	43	37	0.0	0.9	4.0	23	31	45	744	
27/11/2018 15:45	45	67	56	43	36	0.0	1.8	4.9	23	30	46	744	
27/11/2018 16:00	41	61	49	43	36	0.0	0.9	3.1	23	31	46	744	
27/11/2018 16:15	42	60	48	45	38	0.0	0.9	3.6	0	31	46	744	
27/11/2018 16:30	46	63	57	49	37	0.0	1.3	4.0	0	30	47	744	
27/11/2018 16:45	41	52	50	43	37	0.0	0.9	4.0	0	30	48	744	
27/11/2018 17:00	45	57	54	47	39	0.0	0.9	3.6	23	30	52	743	
Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
27/11/2018 17:15	44	60	54	44	40	0.0	1.8	4.5	23	28	57	743	
27/11/2018 17:30	57	79	70	54	41	0.0	0.9	3.1	68	28	59	744	
27/11/2018 17:45	48	56	54	48	41	0.0	1.3	4.9	68	27	62	744	
27/11/2018 18:00	42	56	50	44	36	0.0	0.9	4.0	23	26	66	743	
27/11/2018 18:15	45	59	55	48	36	0.0	0.4	3.1	68	26	68	744	
27/11/2018 18:30	45	69	54	46	39	0.0	0.9	4.0	68	25	71	744	
27/11/2018 18:45	42	52	48	45	38	0.0	0.9	3.6	68	25	74	744	
27/11/2018 19:00	39	55	46	42	36	0.0	1.3	3.6	68	24	76	744	
27/11/2018 19:15	44	67	55	43	36	0.0	0.9	4.5	68	24	78	744	
27/11/2018 19:30	38	51	45	40	35	0.0	0.9	4.0	90	24	79	744	
27/11/2018 19:45	37	44	30	34	34	0.0	0.4	2.2	90	23	81	744	
27/11/2018 20:00	37	50	44	40	34	0.0	0.9	4.0	90	23	82	744	
27/11/2018 20:15	35	57	40	37	29	0.0	1.3	3.6	90	23	85	745	
27/11/2018 20:30	38	64	49	39	29	0.0	0.9	3.6	90	23	85	745	
27/11/2018 20:45	33	57	44	33	27	0.0	0.0	0.0	0	23	88	745	
27/11/2018 20:59	32	63	40	31	27	0.0	0.0	0.0	0	22	88	745	
27/11/2018 21:14	28	36	32	28	26	0.0	0.0	0.0	0	22	88	745	
27/11/2018 21:29	30	42	31	28	26	0.0	0.0	0.0	0	22	88	745	
27/11/2018 21:44	37	47	44	40	28	0.0	0.0	0.0	0	23	88	745	
27/11/2018 21:59	32	53	42	30	24	0.0	0.4	1.8	158	21	94	744	
27/11/2018 22:14	39	59	51	41	25	0.0	0.0	0.4	315	21	95	743	
27/11/2018 22:29	28	61	39	28	24	0.0	0.0	0.4	1				

SITE ID

Noise Monitoring Data Sheet

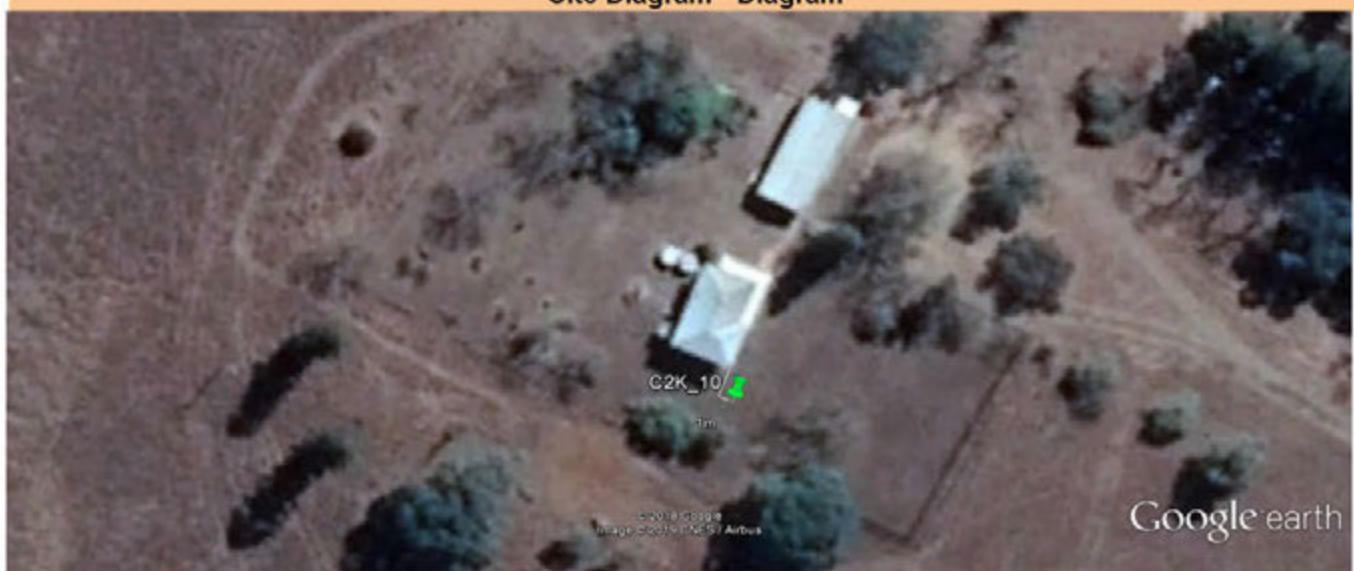
Inland Rail

C2K_10

From	Wednesday 21/11/2018 9:15	Meas. Type	Free Field	Package	Calvert to Kaguru
To	Wednesday 28/11/2018 7:30	Mic. Height (m)	1.8	Address	738 Undullah Road
Instrument Type	01 dB DUO	Weather Station	No	Suburb	Kanguru
Instrument Serial #	12605	Operator	BR	Land Use	Residential
Inst. Cal. Date	7/9/2018	Sample Int.	15 min	Latitude	27°51'45.90"S
Pre Calibration	94	RP Lot#	3/RP180942	Longitude	152°55'11.88"E
Post Calibration	94				

Daytime	Evening	Night
RBL 21.1 dB(A)	RBL 21.1 dB(A)	RBL 21.1 dB(A)
ABLs Day (Mon-Fri 7am - 6 pm)	ABLs Evening (Mon-Fri 6 pm - 10 pm)	ABLs Night (Mon - Thu, Sat - Sun 6pm - 7am)
ABLs Day (Sat 8 am - 1 pm)	ABLs Evening (Sat 1 pm - 10 pm)	ABLs Night (Fri 6pm - 8am)
	ABLs Evening (Sun 7 am - 10 pm)	
Wednesday 21/11/2018 32.2 dB(A)	Wednesday 21/11/2018 34.3 dB(A)	Wednesday 21/11/2018 32.7 dB(A)
Thursday 22/11/2018 <21.1 dB(A)	Thursday 22/11/2018 <21.1 dB(A)	Thursday 22/11/2018 <21.1 dB(A)
Friday 23/11/2018 <21.1 dB(A)	Friday 23/11/2018 <21.1 dB(A)	Friday 23/11/2018 <21.1 dB(A)
Saturday 24/11/2018 <21.1 dB(A)	Saturday 24/11/2018 <21.1 dB(A)	Saturday 24/11/2018 <21.1 dB(A)
	Sunday 25/11/2018 <21.1 dB(A)	Sunday 25/11/2018 22.5 dB(A)
Monday 26/11/2018 <21.1 dB(A)	Monday 26/11/2018 22.0 dB(A)	Monday 26/11/2018 <21.1 dB(A)
Tuesday 27/11/2018 21.9 dB(A)	Tuesday 27/11/2018 26.2 dB(A)	Tuesday 27/11/2018 26.7 dB(A)

Site Diagram - Diagram



Inland Rail

Project:60553814

 Future Freight
Integrating Community, Environment and Engineering

Site Attended Measurements Summary

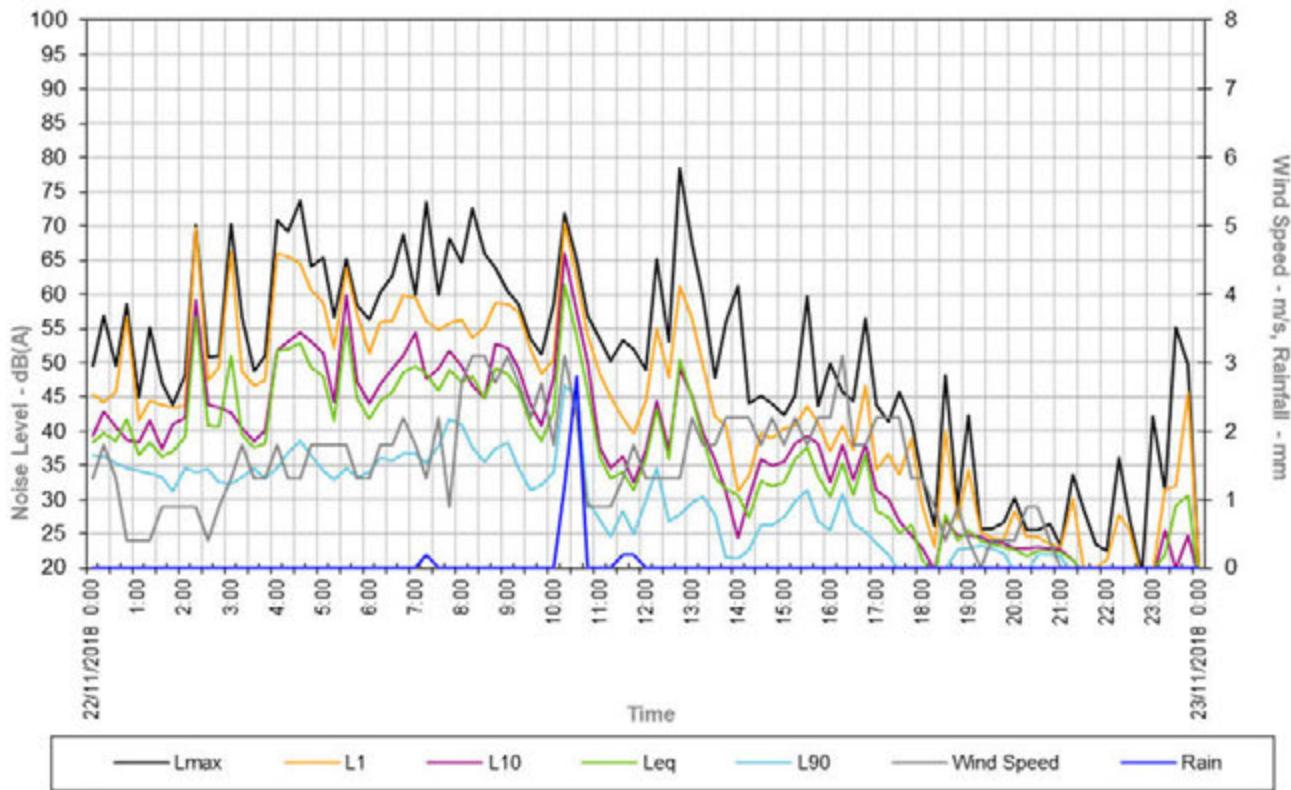
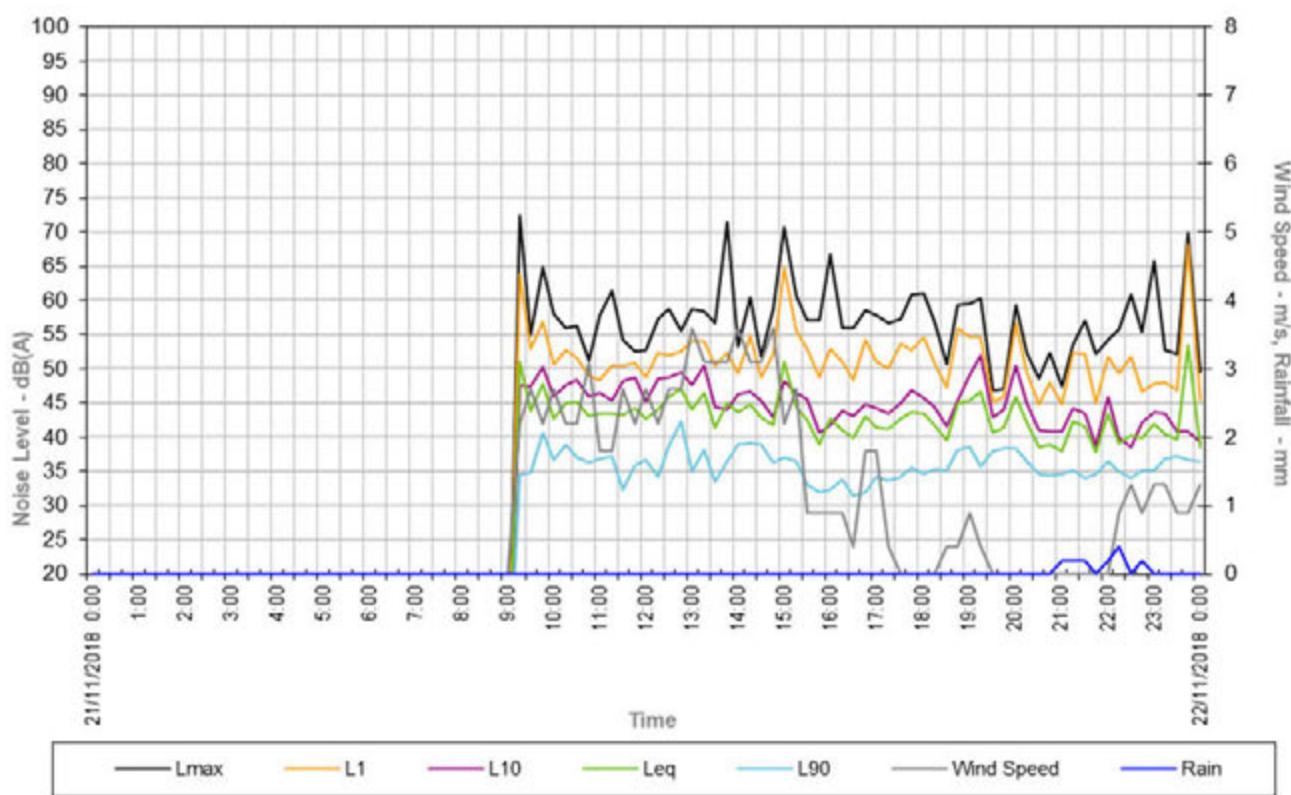
Date	Start	Type	Measurement					Weather Conditions	Comply	End
			Lmax	L1	L10	L90	Leq			
Comments	21/11/2018	Attended	58.1	52.1	46.6	34.1	43.0	Pass	9:45 AM	
		Logged	65.0	52.9	47.4	34.7	43.9			
		Difference	3.1	-0.8	-0.8	-0.6	-0.9			
Background is Natural Sources. Birds at 36-48 dB(A), Trucks at 46-58 dB(A), Aeroplane at 44-46 dB(A), Natural Sources at 33-36 dB(A), Cars at 33 dB(A), Wind Gust at 41 dB(A).										
Comments	28/11/2018	Attended	63.4	54.5	46.9	37.6	44.5	Pass	7:30 AM	
		Logged	61.6	53.8	46.0	36.2	43.5			
		Difference	1.8	0.7	0.9	1.4	1.0			
Background is natural sources. Birds at 36-63 dB(A), Cars at 40 dB(A), Insects at 40 dB(A), Local Truck at 51 dB(A), Aeroplane at 47-50 dB(A), Residence at 42 dB(A), Natural Sources at 37-40 dB(A).										

Photos



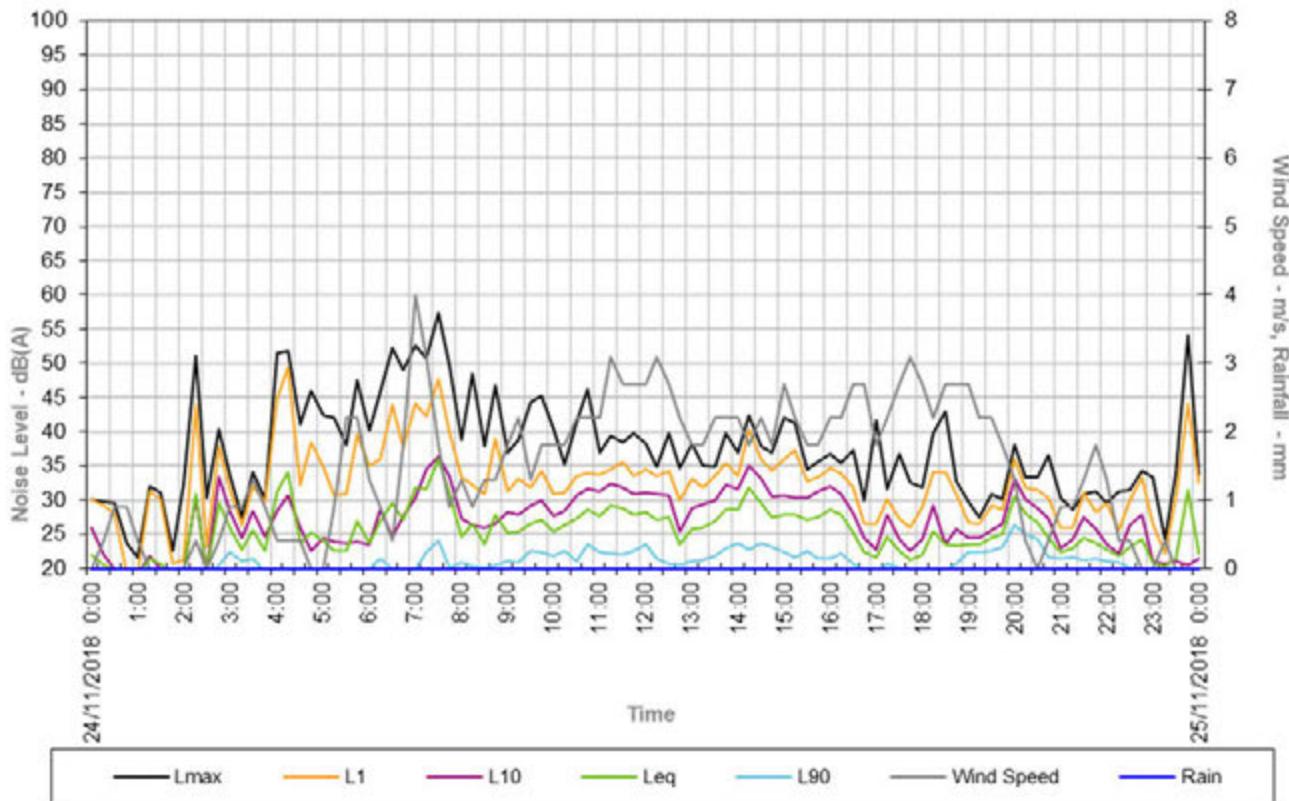
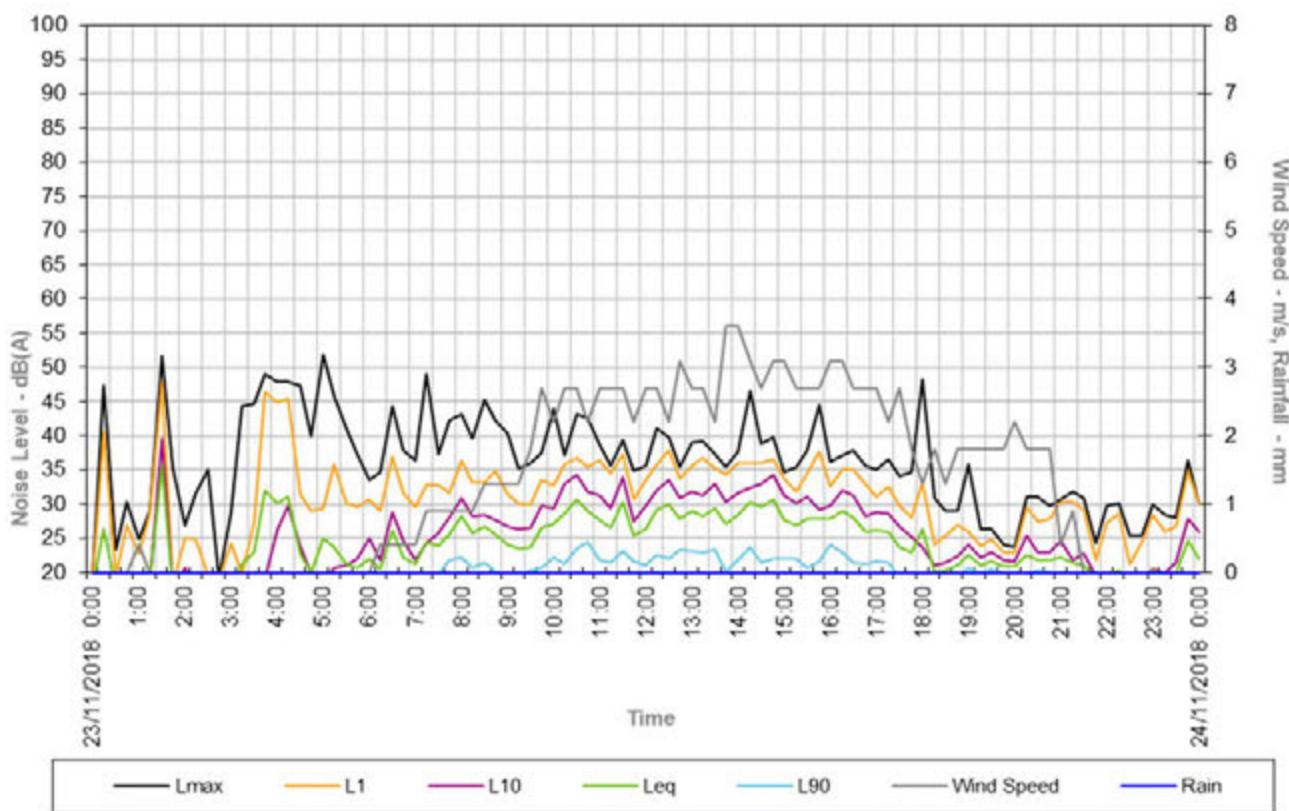
Site Noise and Weather Graphical Analysis

738 Undullah Road



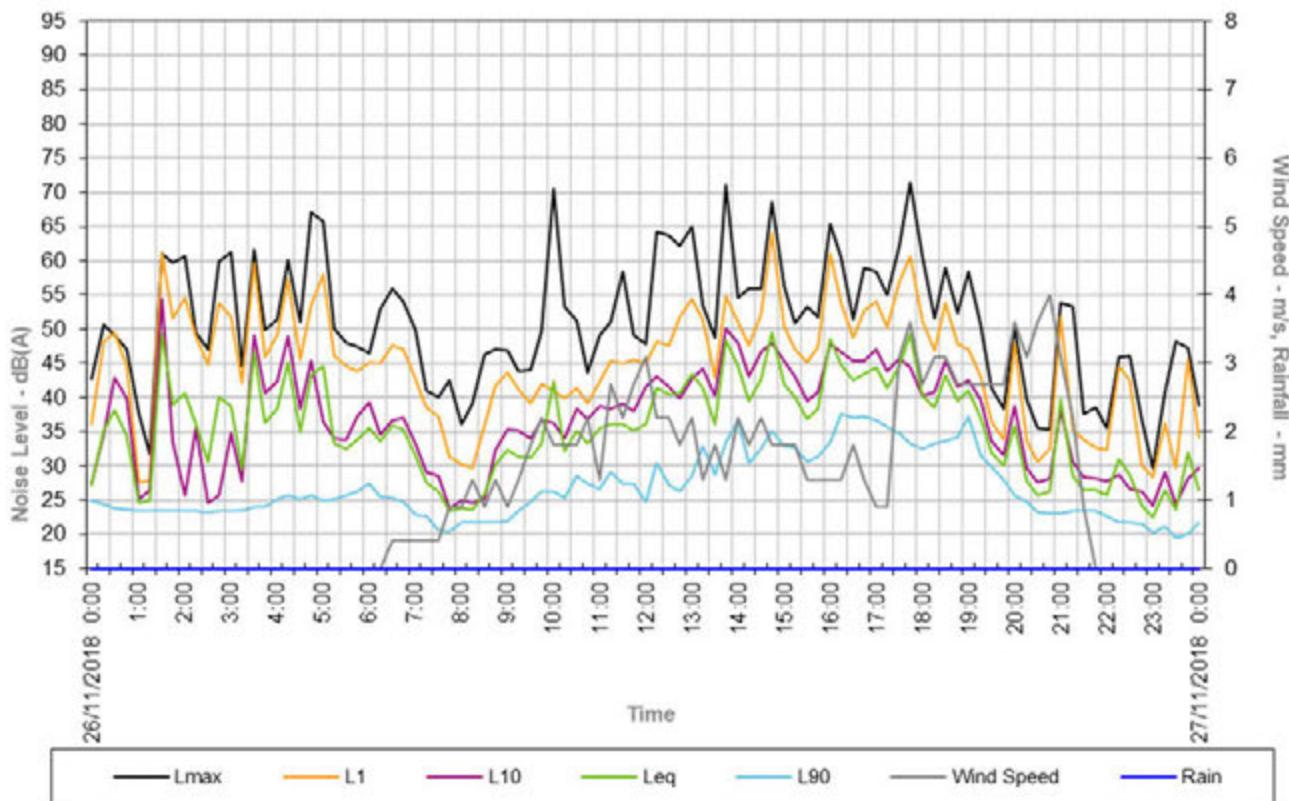
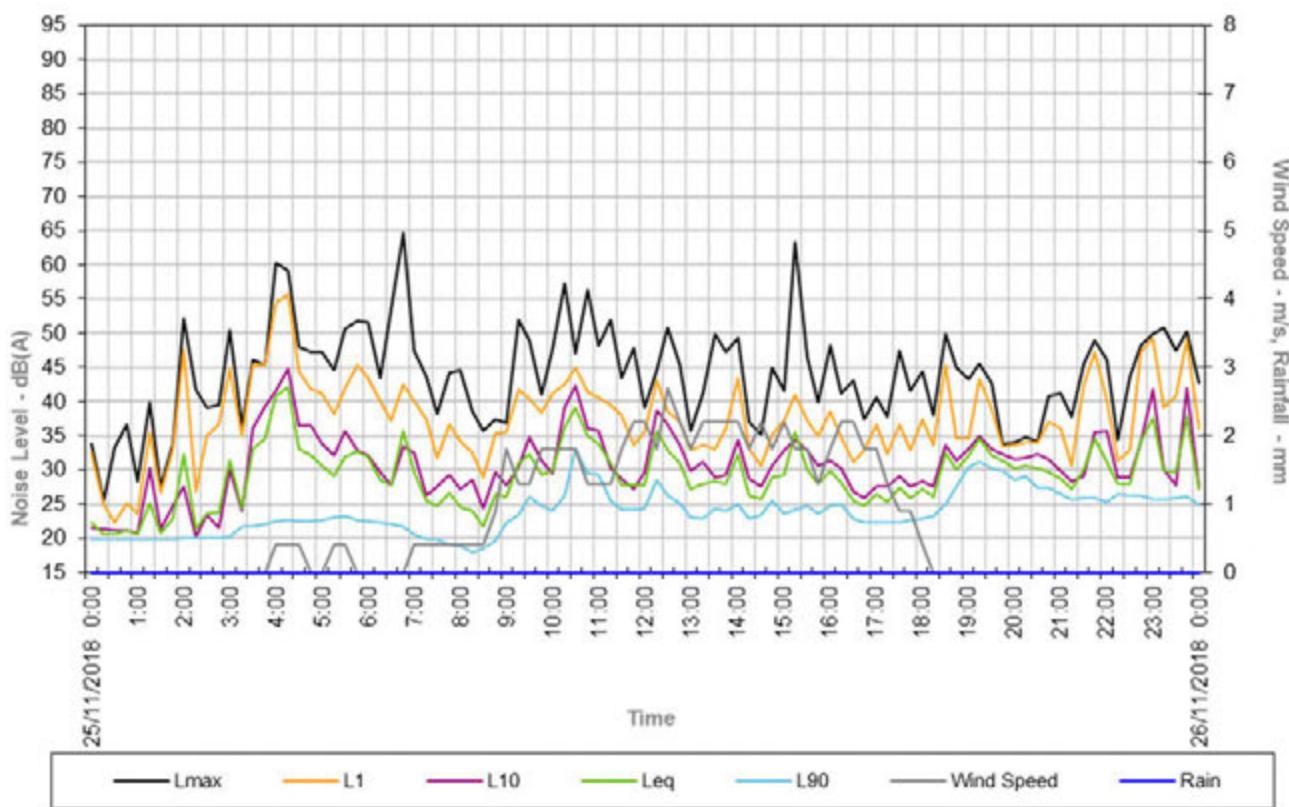
Site Noise and Weather Graphical Analysis

738 Undullah Road



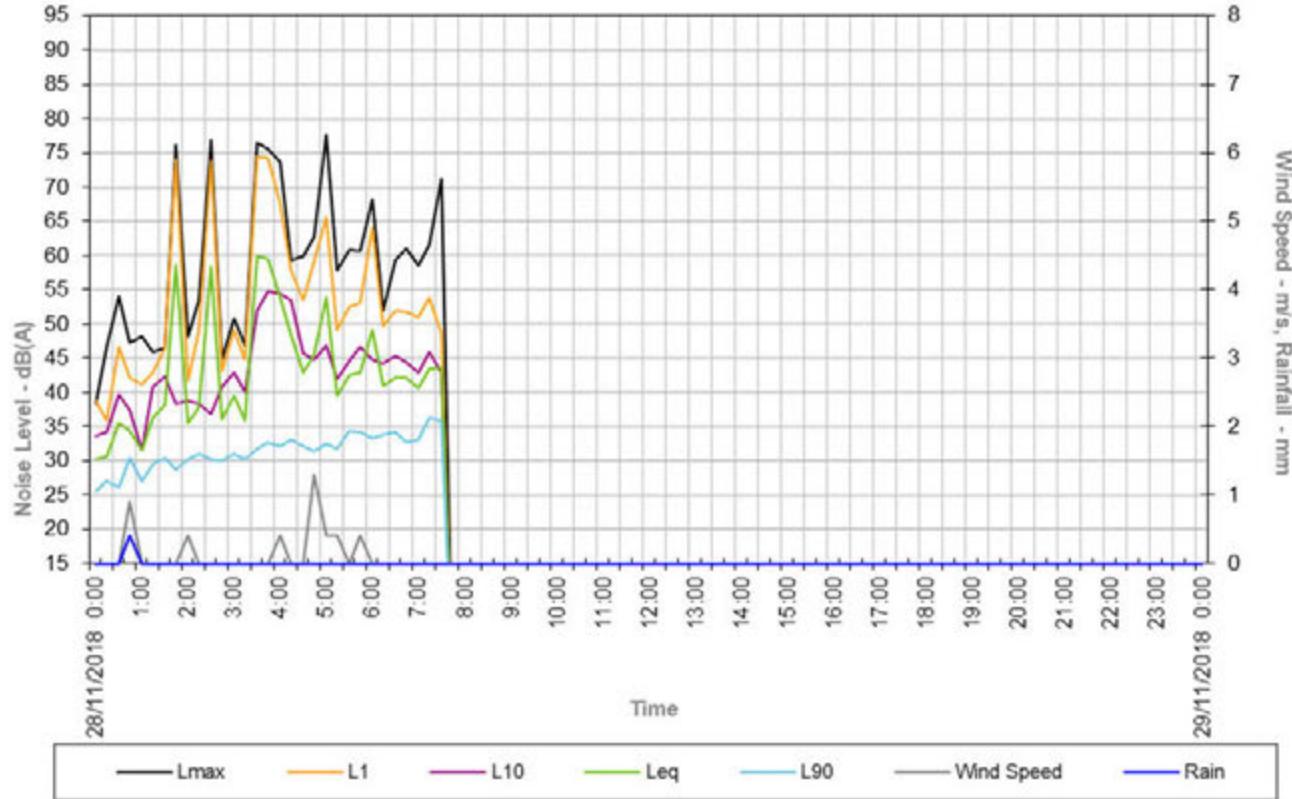
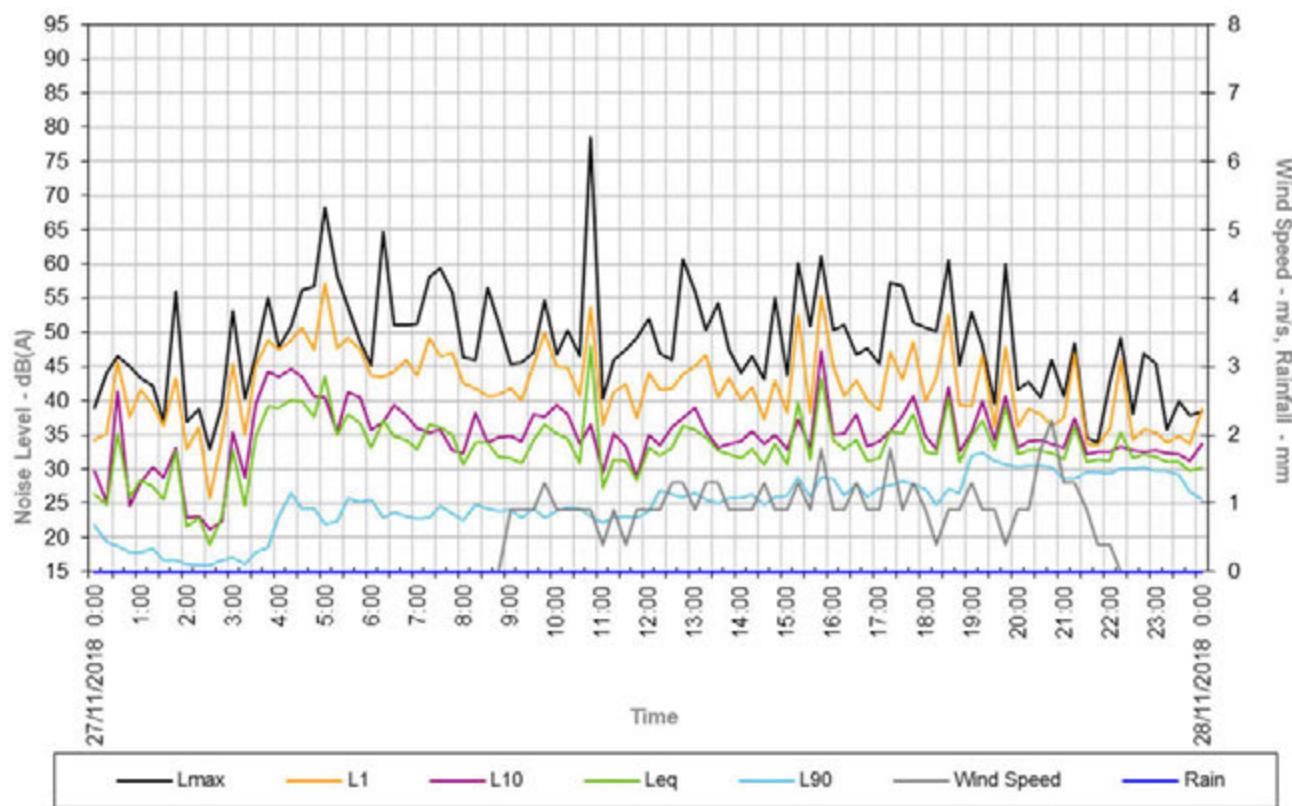
Site Noise and Weather Graphical Analysis

738 Undullah Road



Site Noise and Weather Graphical Analysis

738 Undullah Road



Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA50	Rain (mm)	Avg Wind speed (m/s)	Max Wind speed (m/s)	Wind Dir (°) North=0	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
21/11/2018 9:15	51	72	64	48	35	0.0	2.2	5.8	315	29	49	748	
21/11/2018 9:30	44	55	53	47	35	0.0	2.7	7.2	315	29	49	748	
21/11/2018 9:45	48	65	57	50	41	0.0	2.2	5.8	293	30	48	748	
21/11/2018 10:00	43	58	51	46	37	0.0	2.7	6.7	315	30	48	748	
21/11/2018 10:15	45	56	53	48	39	0.0	2.2	6.7	315	31	47	748	
21/11/2018 10:30	45	56	52	48	37	0.0	2.2	6.3	315	31	45	747	
21/11/2018 10:45	43	51	49	46	36	0.0	3.1	5.8	0	31	45	747	
21/11/2018 11:00	44	58	48	47	37	0.0	1.8	7.2	315	32	43	747	
21/11/2018 11:15	43	61	51	45	37	0.0	1.8	5.8	0	33	41	747	
21/11/2018 11:30	43	54	50	48	32	0.0	2.7	6.7	315	33	40	748	
21/11/2018 11:45	44	53	51	49	36	0.0	2.2	6.3	315	33	42	748	
21/11/2018 12:00	43	53	49	45	37	0.0	2.7	5.8	315	33	38	746	
21/11/2018 12:15	44	57	52	49	34	0.0	2.2	7.6	315	34	38	746	
21/11/2018 12:30	46	59	52	49	39	0.0	2.7	6.3	315	34	37	745	
21/11/2018 12:45	47	55	53	50	42	0.0	2.7	7.2	0	34	38	745	
21/11/2018 13:00	44	59	54	48	35	0.0	3.8	8.0	338	34	37	745	
21/11/2018 13:15	47	58	54	51	38	0.0	3.1	6.7	315	35	38	744	
21/11/2018 13:30	41	57	50	45	34	0.0	3.1	7.6	0	34	38	744	
21/11/2018 13:45	45	71	52	44	37	0.0	3.1	7.2	0	33	38	744	
21/11/2018 14:00	44	63	49	46	39	0.0	3.8	7.6	315	34	36	744	
21/11/2018 14:15	45	60	55	47	39	0.0	3.1	8.0	315	34	37	744	
21/11/2018 14:30	43	52	49	45	39	0.0	3.1	6.7	315	34	38	743	
21/11/2018 14:45	42	59	52	43	36	0.0	3.6	8.5	315	34	37	743	
21/11/2018 15:00	51	71	65	48	37	0.0	2.2	5.8	338	33	40	743	
21/11/2018 15:15	44	61	56	46	37	0.0	2.7	5.8	315	32	43	744	
21/11/2018 15:30	43	57	53	46	33	0.0	0.9	3.1	293	32	43	744	
21/11/2018 15:45	39	57	49	41	32	0.0	0.9	4.0	248	33	42	744	
21/11/2018 16:00	43	67	53	42	32	0.0	0.9	3.1	225	32	42	744	
21/11/2018 16:15	41	56	51	44	34	0.0	0.9	2.7	225	32	43	744	
21/11/2018 16:30	40	56	48	43	31	0.0	0.4	2.7	225	31	43	744	
21/11/2018 16:45	43	59	54	45	32	0.0	1.8	6.7	225	29	58	743	
21/11/2018 17:00	41	58	51	44	34	0.0	1.8	4.5	0	28	60	744	
21/11/2018 17:15	41	57	50	44	34	0.0	0.4	1.8	338	28	59	744	
21/11/2018 17:30	43	57	54	45	34	0.0	0.0	1.8	0	28	59	744	
21/11/2018 17:45	44	61	53	47	36	0.0	0.0	0.0	0	28	59	744	
21/11/2018 18:00	43	61	55	46	35	0.0	0.0	0.4	90	28	61	744	
21/11/2018 18:15	42	57	51	45	35	0.0	0.0	1.3	158	28	64	744	
21/11/2018 18:30	40	51	47	42	35	0.0	0.4	1.3	135	28	64	745	
21/11/2018 18:45	45	59	56	45	38	0.0	0.4	3.1	180	27	63	745	
21/11/2018 19:00	45	60	55	49	39	0.0	0.9	3.6	203	27	61	745	
21/11/2018 19:15	47	60	55	52	36	0.0	0.4	2.2	203	27	68	746	
21/11/2018 19:30	41	47	45	43	36	0.0	0.0	1.3	0	26	70	746	
21/11/2018 19:45	41	47	46	44	36	0.0	0.0	0.4	23	26	68	746	
21/11/2018 20:00	46	59	57	50	38	0.0	0.0	0.9	113	26	74	746	
21/11/2018 20:15	42	52	50	45	36	0.0	0.0	0.4	45	25	79	746	
21/11/2018 20:30	39	49	45	41	35	0.0	0.0	0.0	0	24	81	746	
21/11/2018 20:45	39	52	48	41	34	0.0	0.0	0.4	68	24	85	746	
21/11/2018 21:00	38	47	45	41	35	0.2	0.0	0.4	90	24	85	746	
21/11/2018 21:15	42	53	52	44	36	0.2	0.0	0.9	23	23	91	746	
21/11/2018 21:30	41	57	52	44	34	0.2	0.0	0.4	23	23	93	747	
21/11/2018 21:45	38	52	45	39	35	0.0	0.0	0.0	0	23	93	746	
21/11/2018 22:00	43	54	52	46	37	0.2	0.0	0.0	0	23	93	746	
21/11/2018 22:15	39	56	49	40	35	0.4	0.9	2.7	338	22	91	746	
21/11/2018 22:30	40	61	52	39	34	0.0	1.3	3.6	338	22	90	746	
21/11/2018 22:45	40	55	47	42	35	0.2	0.9	3.1	315	22	91	746	
21/11/2018 23:00	42	66	48	44	35	0.0	1.3	3.1	338	23	90	746	
21/11/2018 23:15	39	53	48	43	37	0.0	1.3	3.6	338	22	89	746	
21/11/2018 23:30	40	52	47	41	37	0.0	0.9	2.7	338	23	90	746	
21/11/2018 23:45	53	70	68	41	37	0.0	0.9	3.6	315	23	90	745	
22/11/2018 0:00	38	50	45	39	37	0.0	1.3	4.0	338	23	89	745	
22/11/2018 0:15	40	57	44	43	36	0.0	1.8	4.5	315	23	89	745	
22/11/2018 0:30	39	50	46	41	35	0.0	1.3	4.0	315	23	87	745	
22/11/2018 0:45	42	59	57	39	35	0.0	0.4	2.7	315	23	88	745	
22/11/2018 1:00	36	45	42	38	34	0.0	0.4	1.8	293	23	89	745	
22/11/2018 1:15	38	55	45	42	34	0.0	0.4	1.8	315	23	89	745	
22/11/2018 1:30	36	47	44	37	33	0.0	0.9	3.1	315	23	90	745	
22/11/2018 1:45	37	44	43	41	31	0.0	0.9	3.6	315	23	89	745	
22/11/2018 2:00	39	46	44	42	35	0.0	0.9	4.0	315	23	89	744	
22/11/2018 2:15	57	70	70	59	34	0.0	0.9	3.6	315	23	90	744	
22/11/2018 2:30	41	51	48	44	34	0.0	0.4	1.8	293	23	90	744	
22/11/2018 2:45	41	51	48	44	34	0.0	0.4	1.8	293	23	90	744	
22/11/2018 3:00	23	26	24	24	23	0.0	0.4	1.3	225	24	54	744	
22/11/2018 3:15	23	27	24	24	22	0.0	0.4	1.3	225	23	53	744	
22/11/2018 3:30	23	30	28	23	20	0.0	0.4	1.3	225	23	56	745	

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
22/11/2018 20:15	22 25	25	23	19	0.0	0.9	1.8	225	23	54	745		
22/11/2018 20:30	23 25	25	23	22	0.0	0.9	1.8	225	23	55	745		
22/11/2018 20:45	22 26	24	23	22	0.0	0.4	1.3	225	22	56	745		
22/11/2018 21:00	22 23	23	23	22	0.0	0.0	0.9	225	22	55	745		
22/11/2018 21:15	21 34	30	21	19	0.0	0.0	1.3	248	22	54	745		
22/11/2018 21:30	19 28	20	19	18	0.0	0.0	1.3	270	22	53	746		
22/11/2018 21:45	18 23	20	19	17	0.0	0.0	1.3	293	22	54	745		
22/11/2018 22:00	18 22	21	18	17	0.0	0.0	0.9	270	22	61	745		
22/11/2018 22:15	19 38	28	19	17	0.0	0.0	0.0	0	21	58	745		
22/11/2018 22:30	18 27	26	19	17	0.0	0.0	1.3	158	20	60	745		
22/11/2018 22:45	17 19	18	18	17	0.0	0.0	0.9	60	20	63	746		
22/11/2018 23:00	20 42	19	18	18	0.0	0.0	0.4	23	20	64	746		
22/11/2018 23:15	22 31	32	26	18	0.0	0.0	1.8	23	20	65	746		
22/11/2018 23:30	29 55	32	20	17	0.0	0.0	0.0	0	19	65	746		
22/11/2018 23:45	31 50	48	25	17	0.0	0.0	0.0	0	19	65	746		
23/11/2018 0:00	18 20	19	19	18	0.0	0.0	0.9	23	19	69	746		
23/11/2018 0:15	26 47	41	19	17	0.0	0.0	0.0	0	18	62	746		
23/11/2018 0:30	18 23	20	18	17	0.0	0.0	0.9	180	18	68	746		
23/11/2018 0:45	18 30	27	18	17	0.0	0.0	0.9	180	18	57	746		
23/11/2018 1:00	18 25	23	18	17	0.0	0.4	1.8	203	18	58	746		
23/11/2018 1:15	19 29	29	19	17	0.0	0.0	0.0	0	19	53	745		
23/11/2018 1:30	36 52	48	40	17	0.0	0.0	0.0	0	18	52	745		
23/11/2018 1:45	18 35	18	18	17	0.0	0.0	0.0	0	18	53	745		
23/11/2018 2:00	19 27	25	21	17	0.0	0.0	0.0	0	18	54	745		
23/11/2018 2:15	18 32	25	18	17	0.0	0.0	0.9	203	18	54	745		
23/11/2018 2:30	18 35	20	18	17	0.0	0.0	0.9	203	18	49	745		
23/11/2018 2:45	18 19	19	18	17	0.0	0.0	0.4	248	18	47	745		
23/11/2018 3:00	18 29	24	18	17	0.0	0.0	0.9	248	18	48	745		
23/11/2018 3:15	21 44	20	18	17	0.0	0.0	0.0	0	17	43	745		
23/11/2018 3:30	23 45	27	18	17	0.0	0.0	0.0	0	17	43	745		
23/11/2018 3:45	32 49	46	19	17	0.0	0.0	0.0	0	17	50	745		
23/11/2018 4:00	30 48	45	26	17	0.0	0.0	0.4	248	18	49	745		
23/11/2018 4:15	31 48	46	30	17	0.0	0.0	0.0	0	18	55	746		
23/11/2018 4:30	23 47	32	24	17	0.0	0.0	0.4	248	15	54	746		
23/11/2018 4:45	20 40	29	20	17	0.0	0.0	0.0	0	15	50	746		
23/11/2018 5:00	25 52	29	19	17	0.0	0.0	0.0	0	15	50	746		
23/11/2018 5:15	24 46	36	21	17	0.0	0.0	0.0	0	16	45	746		
23/11/2018 5:30	21 41	30	21	18	0.0	0.0	0.0	0	16	43	746		
23/11/2018 5:45	21 37	30	22	18	0.0	0.0	0.0	0	17	41	747		
23/11/2018 6:00	22 34	31	25	18	0.0	0.0	0.9	270	18	49	747		
23/11/2018 6:15	21 36	29	22	18	0.0	0.4	3.1	203	18	53	747		
23/11/2018 6:30	26 44	37	29	18	0.0	0.4	1.8	203	19	48	747		
23/11/2018 6:45	22 38	32	25	18	0.0	0.4	1.8	270	20	45	747		
23/11/2018 7:00	21 36	30	22	19	0.0	0.4	1.8	270	21	41	747		
23/11/2018 7:15	25 49	33	24	20	0.0	0.9	1.8	293	21	36	747		
23/11/2018 7:30	24 37	33	26	20	0.0	0.9	2.7	270	22	36	747		
23/11/2018 7:45	26 42	32	28	22	0.0	0.9	2.2	270	23	36	747		
23/11/2018 8:00	28 43	36	31	22	0.0	0.9	2.7	225	24	28	747		
23/11/2018 8:15	26 40	33	28	21	0.0	0.9	3.6	180	25	25	747		
23/11/2018 8:30	27 45	33	29	21	0.0	1.3	3.1	203	25	25	747		
23/11/2018 8:45	26 42	35	28	20	0.0	1.3	3.6	203	26	22	747		
23/11/2018 9:00	24 40	32	27	20	0.0	1.3	4.5	225	26	22	746		
23/11/2018 9:15	24 35	30	26	20	0.0	1.3	4.0	203	27	22	747		
23/11/2018 9:30	24 36	30	27	20	0.0	1.8	4.9	203	27	23	746		
23/11/2018 9:45	27 37	34	30	21	0.0	2.7	7.6	203	27	22	746		
23/11/2018 10:00	27 44	33	29	22	0.0	2.2	5.4	225	28	19	746		
23/11/2018 10:15	29 37	36	33	21	0.0	2.7	5.8	225	28	16	746		
23/11/2018 10:30	31 43	37	34	24	0.0	2.7	5.8	225	29	18	746		
23/11/2018 10:45	29 43	36	32	24	0.0	2.2	6.7	225	29	20	746		
23/11/2018 11:00	28 39	36	31	22	0.0	2.7	5.4	225	30	16	745		
23/11/2018 11:15	27 36	35	29	22	0.0	2.7	7.6	225	30	20	745		
23/11/2018 11:30	30 39	37	34	23	0.0	2.7	7.2	225	30	19	745		
23/11/2018 11:45	25 35	31	27	22	0.0	2.2	5.8	225	31	17	745		
23/11/2018 12:00	26 36	34	30	21	0.0	2.7	7.2	225	30	15	745		
23/11/2018 12:15	29 41	36	32	23	0.0	2.7	10.3	225	31	17	745		
23/11/2018 12:30	30 40	38	34	22	0.0	2.2	6.8	225	32	18	745		
23/11/2018 12:45	28 38	34	31	23	0.0	3.1	6.7	225	31	18	744		
23/11/2018 13:00	29 39	36	32	23	0.0	2.7	6.7	225	31	18	744		
23/11/2018 13:15	28 39	37	31	23	0.0	2.7	7.6	225	31	17	744		
23/11/2018 13:30	29 37	35	33	23	0.0	2.2	6.7	225	32	17	744		

Logged Noise and Weather Data														
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)	
24/11/2018 7:15	32	51	42	34	22	0.0	3.1	8.0	203	23	27	746		
24/11/2018 7:30	36	57	48	36	24	0.0	1.8	6.3	203	23	24	746		
24/11/2018 7:45	31	50	40	34	20	0.0	0.9	3.6	315	24	25	746		
24/11/2018 8:00	25	39	33	27	21	0.0	1.3	3.1	203	25	23	746		
24/11/2018 8:15	26	49	32	26	20	0.0	0.9	3.1	203	25	24	746		
24/11/2018 8:30	23	38	31	26	20	0.0	1.3	3.6	203	26	25	746		
24/11/2018 8:45	28	47	39	27	20	0.0	1.3	4.5	293	26	21	746		
24/11/2018 9:00	25	37	31	28	21	0.0	1.8	5.8	225	26	22	746		
24/11/2018 9:15	25	39	33	28	21	0.0	2.2	5.4	225	26	22	746		
24/11/2018 9:30	26	44	32	29	23	0.0	1.3	3.6	225	27	20	746		
24/11/2018 9:45	27	45	34	30	22	0.0	1.8	5.8	225	28	19	746		
24/11/2018 10:00	26	40	31	28	22	0.0	1.8	5.4	225	26	18	745		
24/11/2018 10:15	26	36	31	28	23	0.0	1.8	5.8	203	29	16	745		
24/11/2018 10:30	27	41	34	31	21	0.0	2.2	6.3	203	29	17	745		
24/11/2018 10:45	29	46	34	32	24	0.0	2.2	5.4	225	29	17	745		
24/11/2018 11:00	28	37	34	31	22	0.0	2.2	5.4	225	30	19	745		
24/11/2018 11:15	29	39	35	32	22	0.0	3.1	6.3	203	30	17	745		
24/11/2018 11:30	29	38	36	32	22	0.0	2.7	6.7	225	31	15	745		
24/11/2018 11:45	28	40	34	31	23	0.0	2.7	5.8	225	31	14	745		
24/11/2018 12:00	28	38	35	31	24	0.0	2.7	6.3	203	30	15	745		
24/11/2018 12:15	27	35	34	31	22	0.0	3.1	5.8	203	31	14	744		
24/11/2018 12:30	27	40	34	31	21	0.0	2.7	5.8	225	31	14	744		
24/11/2018 12:45	23	35	30	25	21	0.0	2.2	5.8	225	32	14	744		
24/11/2018 13:00	26	38	33	29	21	0.0	1.8	4.5	203	32	14	744		
24/11/2018 13:15	26	35	32	29	21	0.0	1.8	5.8	225	32	16	744		
24/11/2018 13:30	27	35	34	30	22	0.0	2.2	5.8	203	33	15	743		
24/11/2018 13:45	29	40	35	32	23	0.0	2.2	6.3	225	33	14	743		
24/11/2018 14:00	29	37	34	32	24	0.0	2.2	5.8	225	32	15	743		
24/11/2018 14:15	32	42	40	35	23	0.0	1.8	4.9	225	32	16	743		
24/11/2018 14:30	30	38	36	33	24	0.0	2.2	4.9	203	32	15	743		
24/11/2018 14:45	28	37	34	31	23	0.0	1.8	4.9	203	33	15	743		
24/11/2018 15:00	28	42	36	31	22	0.0	2.7	5.8	225	32	15	743		
24/11/2018 15:15	28	41	37	30	22	0.0	2.2	4.9	203	32	15	743		
24/11/2018 15:30	27	35	33	30	23	0.0	1.8	5.3	203	33	16	743		
24/11/2018 15:45	28	36	33	31	21	0.0	1.8	6.7	225	32	15	743		
24/11/2018 16:00	29	37	35	32	21	0.0	2.2	4.9	203	32	15	743		
24/11/2018 16:15	28	35	34	31	22	0.0	2.2	4.9	203	32	15	743		
24/11/2018 16:30	25	37	32	28	21	0.0	2.7	5.4	203	31	16	743		
24/11/2018 16:45	22	30	27	25	20	0.0	2.7	5.4	203	30	17	743		
24/11/2018 17:00	22	42	27	23	19	0.0	1.8	4.9	225	30	18	743		
24/11/2018 17:15	26	32	30	28	21	0.0	2.2	4.9	203	29	19	743		
24/11/2018 17:30	23	37	27	24	20	0.0	2.7	6.3	203	28	20	743		
24/11/2018 17:45	21	33	26	23	20	0.0	3.1	5.8	203	27	20	743		
24/11/2018 18:00	22	32	29	24	20	0.0	2.7	6.3	203	26	22	743		
24/11/2018 18:15	25	40	34	29	20	0.0	2.2	4.9	203	26	22	744		
24/11/2018 18:30	24	43	34	24	20	0.0	2.7	4.9	203	25	23	744		
24/11/2018 18:45	23	33	31	26	21	0.0	2.7	5.4	203	25	23	744		
24/11/2018 19:00	23	30	27	24	22	0.0	2.7	4.9	203	24	24	744		
24/11/2018 19:15	23	27	27	24	22	0.0	2.2	4.0	203	24	24	744		
24/11/2018 19:30	24	31	29	26	23	0.0	2.2	4.9	203	24	24	744		
24/11/2018 19:45	25	30	29	27	23	0.0	1.8	4.0	203	24	24	744		
24/11/2018 20:00	31	38	36	33	26	0.0	1.3	3.1	203	23	26	745		
24/11/2018 20:15	28	33	32	30	26	0.0	0.4	2.7	270	23	27	745		
24/11/2018 20:30	27	33	32	29	24	0.0	0.0	1.3	338	22	30	745		
24/11/2018 20:45	24	37	30	27	22	0.0	0.4	1.3	0	21	31	745		
24/11/2018 21:00	22	30	26	23	22	0.0	0.9	4.0	225	21	30	745		
24/11/2018 21:15	23	29	26	22	21	0.0	0.4	1.8	225	22	27	745		
24/11/2018 21:30	24	31	28	21	20	0.0	0.9	3.1	225	22	28	745		
24/11/2018 21:45	24	31	28	26	22	0.0	1.3	4.9	225	22	28	745		
24/11/2018 22:00	23	30	24	21	20	0.0	1.3	3.6	203	23	26	745		
24/11/2018 22:15	22	31	26	22	21	0.0	0.4	1.8	203	22	27	745		
24/11/2018 22:30	23	31	30	26	20	0.0	0.4	2.2	315	22	28	745		
24/11/2018 22:45	24	34	33	28	20	0.0	0.0	0.4	315	21	29	745		
24/11/2018 23:00	21	33	27	21	20	0.0	0.0	0.4	225	20	32	745		
24/11/2018 23:15	20	24	22	21	20	0.0	0.4	1.3	136	20	34	745		
24/11/2018 23:30	21	34	30	21	20	0.0	0.0	0.0	0	19	33	744		
24/11/2018 23:45	31	54	44	21	20	0.0	0.0	0.4	113	19	34	744		
25/11/2018 0:00	22	34	33	22	20	0.0	0.0	1.3	203	18	39	745		
25/11/2018 0:15	21	25	25	21	20	0.0	0.0	0.9	180	18	39	745		
25/11/2018 0:30	21	33	22	21	20	0.0	0.0	1.8	135	18	38	744		
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)	
25/11/2018 0:45	21	37	26	21	20	0.0	0.0	0.0	0.9	180	18	36	744	
25/11/2018 1:00	21	28	24	21	20	0.0	0.0	0.0	0.9	225	19	37	743	
25/11/2018 1:15	25	40	36	30	20	0.0	0.0	0.0	0.9	315	19	38	743	
25/11/2018 1:30	21	27	27	21	20	0.0	0.0	1.8	315	19	38	743		
25/11/2018 1:45	23	34	33	25	20	0.0	0.0	0.0	0.9	225	18	36	743	
25/11/2018 2:00	25	52	48	28	20	0.0	0.0	1.8	158	17	39	743		
25/11/2018 2:15	21	42	27	20	20	0.0	0.0	0.0	0.9	180	17	38	743	
25/11/2018 2:30	24	39	35	23	20	0.0	0.0	0.0	0.9	158	17	39	743	
25/11/2018 2:45	24	40	37	22	20	0.0	0.0	0.0	0.9	203	17	43	743	
25/11/2018 3:00	31	50	45	30	20	0.0	0.0	0.0	0.9	180	16	43	743	
25/11/2018 3:15	24	37	35	24	22	0.0	0.0	0.4	203	16	44	743		
25/11/2018 3:30	33	46	46	36	22	0.0	0.0	0.0	1.8	158	16	43	743	
25/11/2018 3:45	35	45	39	30	22	0.0	0.0	1.3	248	14	52	743		
25/11/2018 4:00	41	60	55	42	23	0.0	0.4	1.3	135	14	57	743		
25/11/2018 4:15	42	59	56	45	23	0.0	0.4	2.2	180	14	56	743		
25/11/2018 4:30	33	48	44	36	23	0.0	0.4	0.9	180	14	54	744		
25/11/2018 4:45	32	47	42	37	23	0.0	0.0	0.9	45	14	50	744		
25/11/2018 5:00	31	47	41	34	23	0.0	0.0	0.9	338	14	51	744		
25/11/2018 5:15	29	45												

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
25/11/2018 18:15	26	38	34	28	23	0.0	0.0	0.9	203	28	32	740	
25/11/2018 18:30	33	50	45	34	25	0.0	0.0	0.0	0	28	35	740	
25/11/2018 18:45	30	45	35	31	28	0.0	0.0	0.9	315	27	36	740	
25/11/2018 19:00	32	43	35	33	31	0.0	0.0	0.9	315	26	38	740	
25/11/2018 19:15	35	46	43	35	31	0.0	0.0	0.9	338	26	39	740	
25/11/2018 19:30	32	43	38	33	30	0.0	0.0	1.3	158	25	40	740	
25/11/2018 19:45	31	34	33	32	30	0.0	0.0	0.0	0	25	44	741	
25/11/2018 20:00	30	34	34	32	29	0.0	0.0	0.9	203	25	41	741	
25/11/2018 20:15	31	35	34	32	29	0.0	0.0	0.0	0	24	43	741	
25/11/2018 20:30	30	34	34	32	27	0.0	0.0	0.0	0	24	43	741	
25/11/2018 20:45	30	41	37	32	27	0.0	0.0	0.0	0	24	45	741	
25/11/2018 21:00	29	41	36	30	27	0.0	0.0	0.0	0	23	46	741	
25/11/2018 21:15	27	38	31	28	26	0.0	0.0	0.0	0	22	47	741	
25/11/2018 21:30	30	46	43	29	26	0.0	0.0	0.0	0	22	49	741	
25/11/2018 21:45	35	49	47	36	26	0.0	0.0	0.0	0	22	49	741	
25/11/2018 22:00	31	46	40	36	25	0.0	0.0	0.0	0	21	51	742	
25/11/2018 22:15	28	34	31	29	27	0.0	0.0	0.0	0	21	52	741	
25/11/2018 22:30	28	44	33	29	26	0.0	0.0	0.9	158	20	53	741	
25/11/2018 22:45	34	48	47	34	26	0.0	0.0	0.9	203	20	57	741	
25/11/2018 23:00	38	50	49	42	26	0.0	0.0	0.4	158	19	56	741	
25/11/2018 23:15	30	51	39	30	26	0.0	0.0	0.0	0	19	57	741	
25/11/2018 23:30	30	48	41	28	26	0.0	0.0	0.0	0	19	59	741	
25/11/2018 23:45	38	50	49	42	26	0.0	0.0	0.0	0	18	58	741	
26/11/2018 0:00	27	43	36	27	25	0.0	0.0	1.3	158	18	60	741	
26/11/2018 0:15	35	51	48	35	24	0.0	0.0	1.3	158	18	62	741	
26/11/2018 0:30	38	49	50	43	24	0.0	0.0	0.4	158	17	64	741	
26/11/2018 0:45	34	47	45	40	24	0.0	0.0	0.0	0	17	63	741	
26/11/2018 1:00	25	38	26	25	23	0.0	0.0	0.0	0	17	64	741	
26/11/2018 1:15	25	32	26	27	24	0.0	0.0	0.0	0	17	65	741	
26/11/2018 1:30	49	61	61	54	24	0.0	0.0	0.0	0	16	66	741	
26/11/2018 1:45	39	60	52	34	24	0.0	0.0	0.9	180	16	67	741	
26/11/2018 2:00	41	61	55	26	23	0.0	0.0	0.0	0	16	68	741	
26/11/2018 2:15	36	50	49	36	23	0.0	0.0	0.0	0	15	70	740	
26/11/2018 2:30	31	47	45	25	23	0.0	0.0	0.9	158	15	70	740	
26/11/2018 2:45	40	60	54	26	24	0.0	0.0	1.3	158	15	70	740	
26/11/2018 3:00	39	61	52	35	24	0.0	0.0	0.0	0	15	70	740	
26/11/2018 3:15	30	45	42	28	23	0.0	0.0	0.9	158	15	72	741	
26/11/2018 3:30	47	62	60	49	24	0.0	0.0	0.0	0	15	73	741	
26/11/2018 3:45	36	50	46	41	24	0.0	0.0	0.4	158	15	73	741	
26/11/2018 4:00	38	51	49	42	26	0.0	0.0	0.9	158	14	73	741	
26/11/2018 4:15	45	60	57	49	26	0.0	0.0	0.0	0	15	73	741	
26/11/2018 4:30	35	51	46	38	26	0.0	0.0	0.0	0	14	74	741	
26/11/2018 4:45	43	67	53	45	26	0.0	0.0	0.0	0	14	74	741	
26/11/2018 5:00	45	66	58	37	25	0.0	0.0	0.0	0	14	75	741	
26/11/2018 5:15	33	50	46	34	25	0.0	0.0	0.0	0	15	74	742	
26/11/2018 5:30	33	46	45	34	26	0.0	0.0	0.4	158	15	71	742	
26/11/2018 5:45	34	48	44	37	26	0.0	0.0	0.0	0	16	69	742	
26/11/2018 6:00	35	47	45	39	28	0.0	0.0	0.9	225	17	64	742	
26/11/2018 6:15	34	53	45	35	26	0.0	0.0	0.9	293	19	60	743	
26/11/2018 6:30	36	56	48	37	25	0.0	0.4	1.3	270	20	58	743	
26/11/2018 6:45	35	54	47	37	25	0.0	0.4	1.3	248	21	57	743	
26/11/2018 7:00	32	50	43	33	23	0.0	0.4	1.3	270	23	48	743	
26/11/2018 7:15	28	41	39	29	23	0.0	0.4	1.3	226	24	44	743	
26/11/2018 7:30	26	40	37	29	21	0.0	0.4	1.8	203	26	36	743	
26/11/2018 7:45	23	42	31	24	21	0.0	0.9	2.7	203	28	29	743	
26/11/2018 8:00	24	38	30	25	22	0.0	0.9	2.2	203	29	27	743	
26/11/2018 8:15	24	39	30	25	22	0.0	1.3	4.0	203	30	25	743	
26/11/2018 8:30	26	46	36	25	22	0.0	0.9	3.1	180	31	26	743	
26/11/2018 8:45	30	47	42	32	22	0.0	1.3	4.5	158	32	23	743	
26/11/2018 9:00	32	47	44	35	22	0.0	0.9	2.2	158	32	23	743	
26/11/2018 9:15	31	44	41	35	23	0.0	1.3	4.0	203	32	23	743	
26/11/2018 9:30	31	44	39	34	25	0.0	1.8	5.4	203	32	22	743	
26/11/2018 9:45	33	50	42	37	26	0.0	2.2	4.9	203	32	22	743	
26/11/2018 10:00	42	70	41	36	26	0.0	1.8	4.0	225	33	22	743	
26/11/2018 10:15	32	53	40	34	26	0.0	1.8	4.9	225	33	20	743	
26/11/2018 10:30	36	51	41	38	29	0.0	1.8	6.3	203	34	19	743	
26/11/2018 10:45	33	44	39	37	27	0.0	2.2	5.8	225	34	21	742	
26/11/2018 11:00	35	49	42	39	27	0.0	1.3	4.5	225	34	20	743	
26/11/2018 11:15	36	51	45	38	29	0.0	2.7	5.8	203	35	18	742	
26/11/2018 11:30	36	58	45	39	28	0.0	2.2	7.2	203	35	18	742	
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
26/11/2018 11:45	35	49	46	38	27	0.0	2.7	6.7	203	35	17	742	
26/11/2018 12:00	36	48	45	42	25	0.0	3.1	5.8	203	35	17	742	
26/11/2018 12:15	41	64	40	43	31	0.0	2.2	6.3	225	35	16	742	
26/11/2018 12:30	40	64	48	42	27	0.0	2.2	6.3	203	36	16	742	
26/11/2018 12:45	41	62	52	40	26	0.0	1.8	5.4	203	36	16	742	
26/11/2018 13:00	43	65	54	43	29	0.0	2.2	5.4	180	36	15	742	
26/11/2018 13:15	41	54	51	44	33	0.0	1.3	3.1	225	37	15	742	
26/11/2018 13:30	36	49	43	40	29	0.0	1.8	5.4	203	36	15	742	
26/11/2018 13:45	48	71	55	50	34	0.0	1.3	4.5	180	37	15	742	
26/11/2018 14:00	45	55	51	48	37	0.0	2.2	5.4	203	37	15	742	
26/11/2018 14:15	39	56	48	43	31	0.0	1.8	5.8	203	36	16	741	
26/11/2018 14:30	43	56	52	47	33	0.0	2.2	5.4	203	36	16	742	
26/11/2018 14:45	50	69	64	68	35	0.0	1.8	4.9	225	36	14	742	
26/11/2018 15:00	42	56	51	45	33	0.0	1.8	4.5	225	36	14	742	
26/11/2018 15:15	40	51	47	43	33	0.0	1.8	4.5	203	36	14	742	
26/11/2018 15:30	37	53	45	40	31	0.0	1.3	4.0	203	36	14	742	
26/11/2018 15:45	38	52	47	41	31	0.0	1.3	4.0	203	36	14	742	
26/11/2018 16:00	49	65	61	48	33	0.0	1.3	3.6	203	36	14	742	
26/11/2018 16:15	45	61	54	47	36	0.0	1.3	4.5	203	36	14	742	
26/11/2018 16:30	43	51	49	45	37	0.0	1.8	4.5	203	36	14	742	
26/11/2018 16:45	43	59	53	45	37	0.0	1.3	4.5	203	35	14	742	
26/11/2018 17:00	44	58	54	47	37	0.0	0.9	3.1	203	35	14	742	
26/11/2018 17:15	41	55	50										

Logged Noise and Weather Data													
Date	Start Time	LAeq	LAmax	LA1	LA10	LA90	Rain (mm)	Avg. Wind Speed (m/s)	Max Wind Speed (m/s)	Wind Dir (°) North=0°	Temp (°C)	Hum. (%)	Air Pres. (Hpa)
27/11/2018 5:15	35	58	48	35	22	0.0	0.0	0.9	135	15	89	747	
27/11/2018 5:30	38	54	49	41	28	0.0	0.0	0.9	23	15	89	747	
27/11/2018 5:45	37	49	47	41	25	0.0	0.0	0.0	0	15	88	747	
27/11/2018 6:00	33	45	44	44	26	0.0	0.0	0.0	0	16	88	748	
27/11/2018 6:15	37	65	44	37	23	0.0	0.0	0.0	0	16	86	747	
27/11/2018 6:30	35	51	44	39	24	0.0	0.0	0.0	0	17	84	747	
27/11/2018 6:45	34	51	46	38	23	0.0	0.0	0.0	0	18	81	747	
27/11/2018 7:00	33	51	44	36	23	0.0	0.0	0.0	0	19	79	748	
27/11/2018 7:15	36	58	49	35	23	0.0	0.0	0.4	203	20	74	748	
27/11/2018 7:30	36	59	47	36	25	0.0	0.0	0.4	203	21	72	748	
27/11/2018 7:45	35	56	47	33	24	0.0	0.0	0.4	270	22	68	747	
27/11/2018 8:00	31	46	43	32	23	0.0	0.0	0.9	315	22	65	747	
27/11/2018 8:15	34	46	42	38	25	0.0	0.0	0.9	68	23	63	747	
27/11/2018 8:30	34	57	41	34	24	0.0	0.0	0.9	113	24	62	747	
27/11/2018 8:45	32	51	41	35	24	0.0	0.0	0.9	338	24	62	748	
27/11/2018 9:00	32	45	42	35	24	0.0	0.9	2.7	248	25	60	747	
27/11/2018 9:15	31	46	40	34	23	0.0	0.9	2.2	338	25	62	747	
27/11/2018 9:30	34	47	45	38	24	0.0	0.9	3.1	338	25	62	748	
27/11/2018 9:45	36	55	50	38	23	0.0	1.3	4.0	315	25	62	748	
27/11/2018 10:00	35	47	45	39	24	0.0	0.9	3.6	338	25	61	747	
27/11/2018 10:15	34	50	45	38	24	0.0	0.9	2.7	338	26	59	747	
27/11/2018 10:30	31	47	41	34	24	0.0	0.9	4.0	315	26	60	747	
27/11/2018 10:45	48	79	54	37	23	0.0	0.9	3.1	315	25	61	747	
27/11/2018 11:00	27	40	37	30	22	0.0	0.4	2.7	315	26	61	747	
27/11/2018 11:15	31	46	41	35	23	0.0	0.9	3.1	315	26	60	747	
27/11/2018 11:30	31	48	42	33	23	0.0	0.4	2.2	248	26	59	747	
27/11/2018 11:45	28	49	38	29	23	0.0	0.9	2.7	315	27	58	747	
27/11/2018 12:00	33	52	44	35	24	0.0	0.9	2.7	0	26	58	746	
27/11/2018 12:15	32	47	42	34	27	0.0	0.9	2.2	0	27	58	746	
27/11/2018 12:30	33	46	42	36	26	0.0	1.3	3.6	23	27	56	747	
27/11/2018 12:45	36	61	44	37	26	0.0	1.3	3.6	0	27	55	746	
27/11/2018 13:00	36	58	45	39	27	0.0	0.9	3.6	315	28	55	746	
27/11/2018 13:15	35	50	47	36	28	0.0	1.3	3.6	0	28	54	746	
27/11/2018 13:30	33	54	40	33	25	0.0	1.3	3.6	338	29	51	746	
27/11/2018 13:45	32	47	43	34	26	0.0	0.9	4.5	315	30	50	745	
27/11/2018 14:00	32	44	40	34	26	0.0	0.9	4.0	23	31	46	745	
27/11/2018 14:15	33	47	42	36	26	0.0	0.9	3.1	90	31	45	745	
27/11/2018 14:30	31	43	37	34	25	0.0	1.3	4.5	315	31	45	744	
27/11/2018 14:45	34	55	43	35	26	0.0	0.9	3.1	0	31	46	744	
27/11/2018 15:00	31	44	38	33	26	0.0	0.9	3.6	0	31	44	744	
27/11/2018 15:15	40	60	53	37	29	0.0	1.3	4.0	0	31	45	744	
27/11/2018 15:30	31	51	38	33	26	0.0	0.9	4.0	23	31	45	744	
27/11/2018 15:45	43	61	55	47	29	0.0	1.8	4.9	23	30	45	744	
27/11/2018 16:00	34	50	45	35	29	0.0	0.9	3.1	23	31	46	744	
27/11/2018 16:15	33	51	41	35	26	0.0	0.9	3.6	0	31	46	744	
27/11/2018 16:30	34	47	43	38	26	0.0	1.3	4.0	0	30	47	744	
27/11/2018 16:45	31	48	40	33	26	0.0	0.9	4.0	0	30	48	744	
27/11/2018 17:00	32	45	39	34	27	0.0	0.9	3.6	23	30	52	743	
27/11/2018 17:15	36	57	47	36	28	0.0	1.8	4.5	23	28	57	743	
27/11/2018 17:30	35	57	43	38	28	0.0	0.9	3.1	68	28	59	744	
27/11/2018 17:45	38	51	49	41	28	0.0	1.3	4.9	68	27	62	744	
27/11/2018 18:00	33	51	40	35	27	0.0	0.9	4.0	23	26	66	743	
27/11/2018 18:15	32	50	43	33	26	0.0	0.4	3.1	68	26	68	744	
27/11/2018 18:30	40	60	53	42	27	0.0	0.9	4.0	68	25	71	744	
27/11/2018 18:45	31	45	39	33	27	0.0	0.9	3.6	68	25	74	744	
27/11/2018 19:00	35	53	39	35	32	0.0	1.3	3.6	68	24	76	744	
27/11/2018 19:15	37	48	47	40	32	0.0	0.9	4.5	68	24	78	744	
27/11/2018 19:30	33	40	36	34	31	0.0	0.9	4.0	90	24	79	744	
27/11/2018 19:45	39	60	48	41	31	0.0	0.4	2.2	90	23	81	744	
27/11/2018 20:00	32	42	36	33	30	0.0	0.9	4.0	90	23	82	744	
27/11/2018 20:15	33	43	39	34	31	0.0	0.9	4.0	113	23	83	744	
27/11/2018 20:30	33	40	38	34	31	0.0	1.8	4.9	90	23	84	744	
27/11/2018 20:45	32	46	36	34	30	0.0	2.2	4.0	90	23	84	744	
27/11/2018 21:00	31	41	37	33	29	0.0	1.3	4.0	90	23	85	745	
27/11/2018 21:15	36	48	47	37	29	0.0	1.3	3.6	90	23	85	745	
27/11/2018 21:30	31	38	34	32	30	0.0	0.9	3.6	90	23	86	745	
27/11/2018 21:45	31	34	34	33	30	0.0	0.4	1.8	113	23	85	745	
27/11/2018 22:00	31	43	36	33	29	0.0	0.4	1.8	90	23	86	745	
27/11/2018 22:15	35	49	46	33	30	0.0	0.0	0.0	0	23	86	745	
27/11/2018 22:30	32	38	34	33	30	0.0	0.0	0.0	0	23	87	745	

Calibration Certificate

Description: Standard Triaxial Geophone (DIN Version)

Part Number: 718A3301

Serial Number: BT2091

Calibration Date: 10 May 2019

Test Reference	Model	Serial No.
LDS Shaker	V450	99333/1
LDS Shaker	V555	429000/1
Labworks Power Amplifier	PA138	138-1835
Lincar Power Amplifier with FPS	LPA1000	N/A
Crystal Instruments	Spider-81B	1322944, 1310560
PCB ICP Power Supply	482A21	11664, 11736, 11572 2168, 8878, 10540
Fluke Multimeter	8808A	3525053 & 2308077
PCB Piezotronics Accelerometer	333B30	LW67182, 40895
PCB Piezotronics Accelerometer	333B40	61809, 58615
PCB Piezotronics Accelerometer	393B05	51111, 51110

Saros certifies that the above product was calibrated by an authorised technician in accordance with manufacturer's specifications and to Australian Standards AS2187.2-2006. Calibration procedures were also conducted in accordance with AS/NZS ISO 9001:2015 and AS ISO/IEC 17025-2005 quality standards.

Saros further certifies that references used to conduct this calibration are traceable to either the National Institute of Standards and Testing (NIST) or the National Association of Testing Authorities (NATA).

The manufacturer recommends the product be calibrated on an annual basis by an authorised service and calibration facility.

Certified by:

Saros (International) Pty Ltd
Unit 3, 11 Parkview Street
Milton QLD 4064
PO Box 2079
Milton QLD 4064
Ph: +61(7) 3367 3400
service@saros.com.au



Certificate No. AU1307



Authorised Instantel Dealer and
Calibration and Service Facility

Calibration Certificate

Description: Minimate Plus Base Unit

Part Number: 716A0403

Serial Number: BE14070

Calibration Date: 10 May 2019

Test Reference	Model	Serial No.
Fluke Multimeter	8808A	3525053 & 2308077
Instantel Zero/Gain Test Jig	718A1510-10	N/A

Saros certifies that the above product was calibrated by an authorised technician in accordance with manufacturer's specifications and to Australian Standards AS2187.2-2006. Calibration procedures were also conducted in accordance with AS/NZS ISO 9001:2015 and AS ISO/IEC 17025-2005 quality standards.

Saros further certifies that references used to conduct this calibration are traceable to either the National Institute of Standards and Testing (NIST) or the National Association of Testing Authorities (NATA).

The manufacturer recommends the product be calibrated on an annual basis by an authorised service and calibration facility.

Certified by:



Andrew Niven

Saros (International) Pty Ltd
Unit 3, 11 Parkview Street
Milton QLD 4064
PO Box 2079
Milton QLD 4064
Ph: +61 (7) 3367 3400
service@saros.com.au



Certificate No. AU1307



Authorised Instantel Dealer and
Calibration and Service Facility

Calibration Report on:

DUO

Class 1 Sound Level Meter

Model: 01dB-Cube

Serial Number : 10824

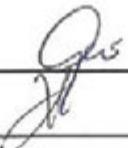
Accredited Laboratory Number: 676

Accredited for compliance with ISO/IEC 17025

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TESTING OFFICER: _____ 

NATA SIGNATORY: _____ 

Report number:fa74166

Date: 24/07/2018

Page: 1 of 26

DOCUMENT CONTROL

NATA Report Number: 74166-cal-01

Calibration Report on:

DUO

Model: 74166

Class 1 Precision Integrating Sound Level Meter

Serial Number: 10824

Submission Date: 24 Jul 2018

File: fa74166

Report Code: 86

Prepared For:

AECOM

Collins Square, L1 10, Tower

Two, 727 Collins St

Melbourne

VIC-3000

AUSTRALIA

Prepared by:

Vipac Engineers & Scientists Ltd.

Victorian Technology Centre

275 Normanby Road

Port Melbourne Vic. 3207

AUSTRALIA

Phone: (03) 9647 9700

Fax: (03) 9646 4370

Author:


F. Antuchew

Date

24/7/18

Reviewed by:


David Jenkins/Yan Wu

Date

25/7/18

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1	24-Jul-18	Original

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Key Words : Calibration Class 1 Sound Level Meter

TESTING OFFICER: 

Report number:fa74166

NATA SIGNATORY: 

Date: 24/07/2018

Page: 2 of 26

FILTER CALIBRATION REPORT

Device compliance:

1/1 octave-band filter, class 1, IEC 1260:1995.

1/3 octave-band filter has not passed calibration for any class; class 1 limits are listed.

1. SCOPE OF CALIBRATION

1.1. Insertion Loss.

- in accordance with AS/NZS 4476:1997 and IEC 1260

1.2. Attenuation in the Pass Band.

- in accordance with AS/NZS 4476:1997 and IEC 1260

1.3. Attenuation outside the Pass Band.

- in accordance with AS/NZS 4476:1997 and IEC 1260

The results presented in this report were obtained through the implementation of test procedures outlined in Vipac's instruction "SLM Filter Procedure for Resweep, Procedure No.P39-037-Rev 2".

TESTING OFFICER: _____ 

Report number:fa74166

Date: 24/07/2018

NATA SIGNATORY: _____ 

Page: 3 of 26

CERTIFICATE OF CALIBRATION

CERTIFICATE NO.: SLM 22046 & FILT 4358

Equipment Description: Sound & Vibration Analyser

Manufacturer: Svantek
Model No.: Svan-957 **Serial No.:** 27537
Microphone Type: 7052E **Serial No.:** 50504
Filter Type: 1/3 Octave **Serial No.:** 27537
Comments: All tests passed for class 1.
(See over for details)
Owner: AECOM Australia Pty Ltd
Level 8, 540 Wickham Street
Fortitude Valley QLD 4006
Ambient Pressure: 999 hPa ± 1.5 hPa
Temperature: 24 $^{\circ}\text{C}$ $\pm 2^{\circ}\text{C}$ **Relative Humidity:** 40% $\pm 5\%$
Date of Calibration: 19/01/2018 **Issue Date:** 23/01/2018
Acu-Vib Test Procedure: AVP10 (SLM) & AVP06 (Filters)

CHECKED BY: *[Signature]*

AUTHORISED SIGNATURE: *[Signature]*
Jack Reid

Accredited for compliance with ISO/IEC 17025

The results of the tests, calibration and/or measurements included in this document are traceable to
Australian/national standards.



Accredited Lab. No. 9262
Acoustic and Vibration
Measurements



HEAD OFFICE
Unit 14, 22 Hudson Ave. Castle Hill NSW 2154
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web site: www.acu-vib.com.au

Page 1 of 2
AVCERT10 Rev. 1.2 03.02.15

CERTIFICATE OF CALIBRATION

CERTIFICATE No.: SLM 22339 & FILT 4560

Equipment Description: Sound Level Meter

Manufacturer: NTi
Model No.: XL2-TA **Serial No.:** A2A-09320-E0
Microphone Type: MC-230 **Serial No.:** 7716
Filter Type: 1/3 Octave **Serial No.:** A2A-09320-E0
Comments: All tests passed for class 1.
(See over for details)
Owner: AECOM Australia Pty Ltd
Level 8, 540 Wickham Street
Fortitude Valley QLD 4006
Ambient Pressure: 1003 hPa ± 1.5 hPa
Temperature: 23 °C ± 2 °C **Relative Humidity:** 55% ± 5 %
Date of Calibration: 14/03/2018 **Issue Date:** 16/03/2018
Acu-Vib Test Procedure: AVP10 (SLM) & AVP06 (Filters)

CHECKED BY: *[Signature]*

AUTHORISED SIGNATURE: *[Signature]*

Jack Kiell

Accredited for compliance with ISO/IEC 17025 - Calibration

The results of the tests, calibration and/or measurements included in this document are traceable to
Australian/national standards.



Accredited Lab. No. 9262
Acoustic and Vibration
Measurements



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Page 1 of 2
AVCERT10 Rev. 1.3 05.02.18



**Acoustic
Research
Labs Pty Ltd**

Level 7 Building 2 423 Pennant Hills Rd
Pennant Hills NSW AUSTRALIA 2120
Ph: +61 2 9484 0800 A.B.N. 65 160 399 119
www.acousticresearch.com.au

Sound Level Meter

IEC 61672-3.2013

Calibration Certificate

Calibration Number C17228

Client Details
AECOM Australia Pty Ltd
Level 8, 540 Wickham Street
Fortitude Valley QLD 4006

Equipment Tested/ Model Number : Rion NL-52EX
Instrument Serial Number : 00175550
Microphone Serial Number : 10978
Pre-amplifier Serial Number : 65652

Pre-Test Atmospheric Conditions
Ambient Temperature : 21°C
Relative Humidity : 46.9%
Barometric Pressure : 99.68kPa

Post-Test Atmospheric Conditions
Ambient Temperature : 21.5°C
Relative Humidity : 48%
Barometric Pressure : 99.65kPa

Calibration Technician : Vicky Jaiswal
Calibration Date : 16/05/2017

Secondary Check: Riley Cooper
Report Issue Date : 17/05/2017

Approved Signatory :

Ken Williams

Clause and Characteristic Tested	Result	Clause and Characteristic Tested	Result
12: Acoustical Sig. tests of a frequency weighting	Pass	17: Level linearity incl. the level range control	Pass
13: Electrical Sig. tests of frequency weightings	Pass	18: Toneburst response	Pass
14: Frequency and time weightings at 1 kHz	Pass	19: C Weighted Peak Sound Level	Pass
15: Long Term Stability	Pass	20: Overload Indication	Pass
16: Level linearity on the reference level range	Pass	21: High Level Stability	Pass

The sound level meter submitted for testing has successfully completed the class I periodic tests of IEC 61672-3:2006, for the environmental conditions under which the tests were performed.

As public evidence was available, from an independent testing organisation responsible for approving the results of pattern evaluation test performed in accordance with IEC 61672-2:2003, to demonstrate that the model of sound level meter fully conformed to the requirements in IEC 61672-1:2002, the sound level meter submitted for testing conforms to the class I requirements of IEC 61672-1:2002.

Least Uncertainties of Measurement -			
Environmental Conditions			
Acoustic Tests		Temperature	±0.05°C
31.5 Hz to 8kHz	±0.16dB	Relative Humidity	±0.46%
12.5kHz	±0.2dB	Barometric Pressure	±0.017kPa
16kHz	±0.29dB		
Electrical Tests			
31.5 Hz to 20 kHz	±0.12dB		

All uncertainties are derived at the 95% confidence level with a coverage factor of 2.

This calibration certificate is to be read in conjunction with the calibration test report.

Acoustic Research Labs Pty Ltd is NATA Accredited Laboratory Number 14172.
Accredited for compliance with ISO/IEC 17025.

The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.

NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration and inspection reports.





**Acoustic
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Ph: +61 2 9484 0800 A.B.N. 65 160 399 119
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Sound Level Meter

IEC 61672-3.2013

Calibration Certificate

Calibration Number C17203

Client Details AECOM Australia Pty Ltd
Level 8, 540 Wickham Street
Fortitude Valley QLD 4006

Equipment Tested/ Model Number : Rion NL-52EX
Instrument Serial Number : 01265386
Microphone Serial Number : 10721
Pre-amplifier Serial Number : 65288

Pre-Test Atmospheric Conditions

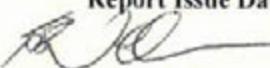
Ambient Temperature : 21.3°C
Relative Humidity : 52.5%
Barometric Pressure : 100.31kPa

Post-Test Atmospheric Conditions

Ambient Temperature : 22.2°C
Relative Humidity : 50.1%
Barometric Pressure : 100.3kPa

Calibration Technician : Vicky Jaiswal
Calibration Date : 12/05/2017

Secondary Check: Riley Cooper
Report Issue Date : 15/05/2017

Approved Signatory : 

Ken Williams

Clause and Characteristic Tested	Result	Clause and Characteristic Tested	Result
12: Acoustical Sig. tests of a frequency weighting	Pass	17: Level linearity incl. the level range control	Pass
13: Electrical Sig. tests of frequency weightings	Pass	18: Toneburst response	Pass
14: Frequency and time weightings at 1 kHz	Pass	19: C Weighted Peak Sound Level	Pass
15: Long Term Stability	Pass	20: Overload Indication	Pass
16: Level linearity on the reference level range	Pass	21: High Level Stability	Pass

The sound level meter submitted for testing has successfully completed the class 1 periodic tests of IEC 61672-3-2006, for the environmental conditions under which the tests were performed.

As public evidence was available, from an independent testing organisation responsible for approving the results of pattern evaluation test performed in accordance with IEC 61672-2-2003, to demonstrate that the model of sound level meter fully conformed to the requirements in IEC 61672-1-2002, the sound level meter submitted for testing conforms to the class 1 requirements of IEC 61672-1-2002.

Least Uncertainties of Measurement - Environmental Conditions			
Acoustic Tests			
31.5 Hz to 8kHz	±0.16dB	Temperature	±0.05°C
12.5kHz	+0.2dB	Relative Humidity	±0.46%
16kHz	±0.29dB	Barometric Pressure	±0.017kPa
Electrical Tests			
31.5 Hz to 20 kHz	±0.12dB		

All uncertainties are derived at the 95% confidence level with a coverage factor of 2.

This calibration certificate is to be read in conjunction with the calibration test report.

Acoustic Research Labs Pty Ltd is NATA Accredited Laboratory Number 14172.
Accredited for compliance with ISO/IEC 17025.

The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/national standards.

NATA is a signatory to the ILAC Mutual Recognition Arrangement for the mutual recognition of the equivalence of testing, medical testing, calibration and inspection reports.





Calibration Report on:

DUO

Class 1 Sound Level Meter

Model: 01dB

Serial Number: 11107

Accredited Laboratory Number: 676

*Accredited for compliance with ISO/IEC 17025- Calibration
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Testing Officer: _____ 

Firezewed Antachew

Approved Signatory: _____ 

David Jenkins/Yan Wu

fa72129

**DOCUMENT CONTROL**

NATA Report Number: 72129-cal-01

Calibration Report on:
DUO
Model: 01dB
Class 1 Precision Integrating Sound Level Meter
Serial Number: 11107
Submission Date: 23 Nov. 17

File: fa 72129**Report Code:** 86**Prepared For:**

AECOM Australia Pty Ltd
PO Box 1307
Fortitude Valley
QLD- 4006
AUSTRALIA

Vipac Engineers & Scientists Ltd.
Victorian Technology Centre
275 Normanby Road
Port Melbourne Vic. 3207
AUSTRALIA
Phone: (03) 9647 9700
Fax: (03) 9646 4370

Author:**Date** 24/11/17

F. Antachew

Reviewed by:**Date** 24/11/17

David Jenkins/Yan Wu

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2	1	Vipac Melb. Library	-

Key Words: Calibration, Class 1 Sound Level Meter**Testing Officer:**

Firezewed Antachew

Approved Signatory:

fa72129

**SCOPE OF CALIBRATION (Class 1 Sound Level Meter)***Inherent Weighted System Noise Level*

- in accordance with IEC 61672-3 (10.1, 10.2) -Complies

Acoustical Signal Tests of Frequency Weightings

- in accordance with IEC 61672-3 (11.1, 11.8) - Not Complies at 8Khz

Electrical Signal Tests of Frequency Weightings

- in accordance with IEC 61672-3 (12.1) - Not Complies at 8Khz

Frequency and Time Weightings

- in accordance with IEC 61672-3 (13.1, 13.3) -Complies

Level Linearity

- in accordance with IEC 61672-3 (14.1) -Complies

Level Linearity Including Range Control

- in accordance with IEC 61672-3 (15.1) -N/A

Tone Burst Response

- in accordance with IEC 61672-3 (16.5, 16.6, 16.7) -Complies

Peak C Sound Level

- in accordance with IEC 61672-3 (17.1) -Complies

Overload Indication

- in accordance with IEC 61672-3 (18.1) -Complies

(Tests marked N/A indicates the sound level meter does not have this function)

The sound level meter submitted for testing has successfully completed the class 1 periodic tests of IEC 61672-3:2006, for the environmental conditions under which the tests were performed. As public evidence was available, from an independent testing organization responsible for approving the results of pattern evaluation tests performed in accordance with IEC 61672-2:2003, to demonstrate that the model of sound level meter fully conformed to the requirements in IEC 61672-1:2002, the sound level meter submitted for testing conforms to the class 1 requirements of IEC 61672-1:2002.

Testing Officer:

Firezewed Antachew

Approved Signatory:

David Jenkins/Yan Wu

fa72129

Chapitre 3.

CERTIFICAT DE CONFORMITE

CONFORMITY CERTIFICATE

CC-DTE-L-18-PVE-60706

Nous, fabricant
We, manufacturer

Acoem
200, Chemin des Ormeaux
F 69578 LIMONEST Cedex- FRANCE

déclarons sous notre seule responsabilité que le produit suivant :
declare under our own responsibility that the following equipment:

Désignation : **Sonomètre Intégrateur Moyenneur**
Designation: **Integrating-Averaging Sound level meter**

Référence : **DUO**
Reference:

Numéro de série : **12601**
Serial Number:

est conforme aux dispositions des normes suivantes :
complies with the requirements of the following standards:

	Norme Standard	Classe Class	Edition du Edition of
Sonomètre : <i>Sound level meter :</i>	IEC 60651	1	10-2000
	IEC 60804	1	10-2000
	IEC 61672-1	1	09-2013
	IEC 61260	1	07-1995-2011
	ANSI S1.11	1	2004
	ANSI S1.4	1	1983-1985

et répond en tout point, après vérification et essais, aux exigences spécifiées, aux normes et règlements applicables, sauf exceptions, réserves ou dérogations énumérées dans la présente déclaration de conformité.

After testing and verification, this device satisfies all specified requirements and applicable standards and regulations apart from exceptions, reservations, or exemptions listed in this conformance certificate.

Date **LE REFERENT METROLOGIE ACOUSTIQUE**
Date **PAR DELEGATION**

THE REFERENT ACOUSTIC METROLOGY

06/09/2018

Bertrand LEROY

Chapitre 3.

CERTIFICAT DE CONFORMITE

CONFORMITY CERTIFICATE

CC-DTE-L-18-PVE-6071

Nous, fabricant
We, manufacturer

Acoem
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 F 69578 LIMONEST Cedex- FRANCE

déclarons sous notre seule responsabilité que le produit suivant :
declare under our own responsibility that the following equipment:

Désignation : **Sonomètre Intégrateur Moyenneur**
Designation: Integrating-Averaging Sound level meter

Référence : **DUO**
Reference:

Numéro de série : **12602**
Serial Number:

est conforme aux dispositions des normes suivantes :
complies with the requirements of the following standards:

	Norme Standard	Classe Class	Edition du <i>Edition of</i>
Sonomètre : <i>Sound level meter :</i>	IEC 60651	1	10-2000
	IEC 60804	1	10-2000
	IEC 61672-1	1	09-2013
	IEC 61260	1	07-1995-2011
	ANSI S1.11	1	2004
	ANSI S1.4	1	1983-1985

et répond en tout point, après vérification et essais, aux exigences spécifiées, aux normes et règlements applicables, sauf exceptions, réserves ou dérogations énumérées dans la présente déclaration de conformité.

After testing and verification, this device satisfies all specified requirements and applicable standards and regulations apart from exceptions, reservations, or exemptions listed in this conformance certificate.

Date	LE REFERENT METROLOGIE ACOUSTIQUE
Date	PAR DELEGATION
06/09/2018	THE REFERENT ACOUSTIC METROLOGY
	Bertrand LEROY

Chapitre 3.

CERTIFICAT DE CONFORMITE

CONFORMITY CERTIFICATE

CC-DTE-L-18-PVE-60716

Nous, fabricant
We, manufacturer

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200, Chemin des Ormeaux
F 69578 LIMONEST Cedex- FRANCE

déclarons sous notre seule responsabilité que le produit suivant :
declare under our own responsibility that the following equipment:

Désignation : **Sonomètre Intégrateur Moyenneur**
Designation: **Integrating-Averaging Sound level meter**

Référence : **DUO**
Reference:

Numéro de série : **12605**
Serial Number:

est conforme aux dispositions des normes suivantes :
complies with the requirements of the following standards:

	Norme Standard	Classe Class	Edition du Edition of
Sonomètre :	IEC 60651	1	10-2000
Sound level meter :	IEC 60804	1	10-2000
	IEC 61672-1	1	09-2013
	IEC 61260	1	07-1995-2011
	ANSI S1.11	1	2004
	ANSI S1.4	1	1983-1985

et répond en tout point, après vérification et essais, aux exigences spécifiées, aux normes et règlements applicables, sauf exceptions, réserves ou dérogations énumérées dans la présente déclaration de conformité.

After testing and verification, this device satisfies all specified requirements and applicable standards and regulations apart from exceptions, reservations, or exemptions listed in this conformance certificate.

Date	LE REFERENT METROLOGIE ACOUSTIQUE PAR DELEGATION
Date	THE REFERENT ACOUSTIC METROLOGY
07/09/2018	Bertrand LEROY

Chapitre 3.

CERTIFICAT DE CONFORMITE

CONFORMITY CERTIFICATE

CC-DTE-L-18-PVE-60718

Nous, fabricant
We, manufacturer

Acoem
200, Chemin des Ormeaux
F 69578 LIMONEST Cedex- FRANCE

déclarons sous notre seule responsabilité que le produit suivant :
declare under our own responsibility that the following equipment:

Désignation : **Sonomètre Intégrateur Moyenneur**
Designation: **Integrating-Averaging Sound level meter**

Référence : **DUO**
Reference:

Numéro de série : **12606**
Serial Number:

est conforme aux dispositions des normes suivantes :
complies with the requirements of the following standards:

	Norme Standard	Classe Class	Edition du Edition of
Sonomètre :	IEC 60651	1	10-2000
Sound level meter :	IEC 60804	1	10-2000
	IEC 61672-1	1	09-2013
	IEC 61260	1	07-1995-2011
	ANSI S1.11	1	2004
	ANSI S1.4	1	1983-1985

et répond en tout point, après vérification et essais, aux exigences spécifiées, aux normes et règlements applicables, sauf exceptions, réserves ou dérogations énumérées dans la présente déclaration de conformité.

After testing and verification, this device satisfies all specified requirements and applicable standards and regulations apart from exceptions, reservations, or exemptions listed in this conformance certificate.

Date	LE REFERENT METROLOGIE ACOUSTIQUE PAR DELEGATION
Date	THE REFERENT ACOUSTIC METROLOGY
07/09/2018	Bertrand LEROY

Chapitre 3.

CERTIFICAT DE CONFORMITE

CONFORMITY CERTIFICATE

CC-DTE-L-18-PVE-60720

Nous, fabricant
We, manufacturer

Acoem
200, Chemin des Ormeaux
F 69578 LIMONEST Cedex- FRANCE

déclarons sous notre seule responsabilité que le produit suivant :
declare under our own responsibility that the following equipment:

Désignation : **Sonomètre Intégrateur Moyenneur**
Designation: **Integrating-Averaging Sound level meter**

Référence : **DUO**
Reference:

Numéro de série : **12608**
Serial Number:

est conforme aux dispositions des normes suivantes :
complies with the requirements of the following standards:

	Norme Standard	Classe Class	Edition du Edition of
Sonomètre :	IEC 60651	1	10-2000
Sound level meter :	IEC 60804	1	10-2000
	IEC 61672-1	1	09-2013
	IEC 61260	1	07-1995-2011
	ANSI S1.11	1	2004
	ANSI S1.4	1	1983-1985

et répond en tout point, après vérification et essais, aux exigences spécifiées, aux normes et règlements applicables, sauf exceptions, réserves ou dérogations énumérées dans la présente déclaration de conformité.

After testing and verification, this device satisfies all specified requirements and applicable standards and regulations apart from exceptions, reservations, or exemptions listed in this conformance certificate.

Date **LE REFERENT METROLOGIE ACOUSTIQUE**
Date **PAR DELEGATION**

THE REFERENT ACOUSTIC METROLOGY

Bertrand LEROY

07/09/2018

Chapitre 3.

CERTIFICAT DE CONFORMITE

CONFORMITY CERTIFICATE

CC-DTE-L-18-PVE-60725

Nous, fabricant

We, manufacturer

Acoem

200, Chemin des Ormeaux

F 69578 LIMONEST Cedex- FRANCE

déclarons sous notre seule responsabilité que le produit suivant :

declare under our own responsibility that the following equipment:

Désignation :
Designation:

Sonomètre Intégrateur Moyenneur
Integrating-Averaging Sound level meter

Référence :
Reference:

DUO

Numéro de série :
Serial Number:

12609

est conforme aux dispositions des normes suivantes :

complies with the requirements of the following standards:

	Norme Standard	Classe Class	Edition du Edition of
Sonomètre : <i>Sound level meter :</i>	IEC 60651	1	10-2000
	IEC 60804	1	10-2000
	IEC 61672-1	1	09-2013
	IEC 61260	1	07-1995-2011
	ANSI S1.11	1	2004
	ANSI S1.4	1	1983-1985

et répond en tout point, après vérification et essais, aux exigences spécifiées, aux normes et règlements applicables, sauf exceptions, réserves ou dérogations énumérées dans la présente déclaration de conformité.

After testing and verification, this device satisfies all specified requirements and applicable standards and regulations apart from exceptions, reservations, or exemptions listed in this conformance certificate.

Date

LE REFERENT METROLOGIE ACOUSTIQUE
PAR DELEGATION

Date

THE REFERENT ACOUSTIC METROLOGY

10/09/2018

Bertrand LEROY