

APPENDIX

INLAND
RAIL 

0

Construction Noise and Vibration

Part 2 of 3

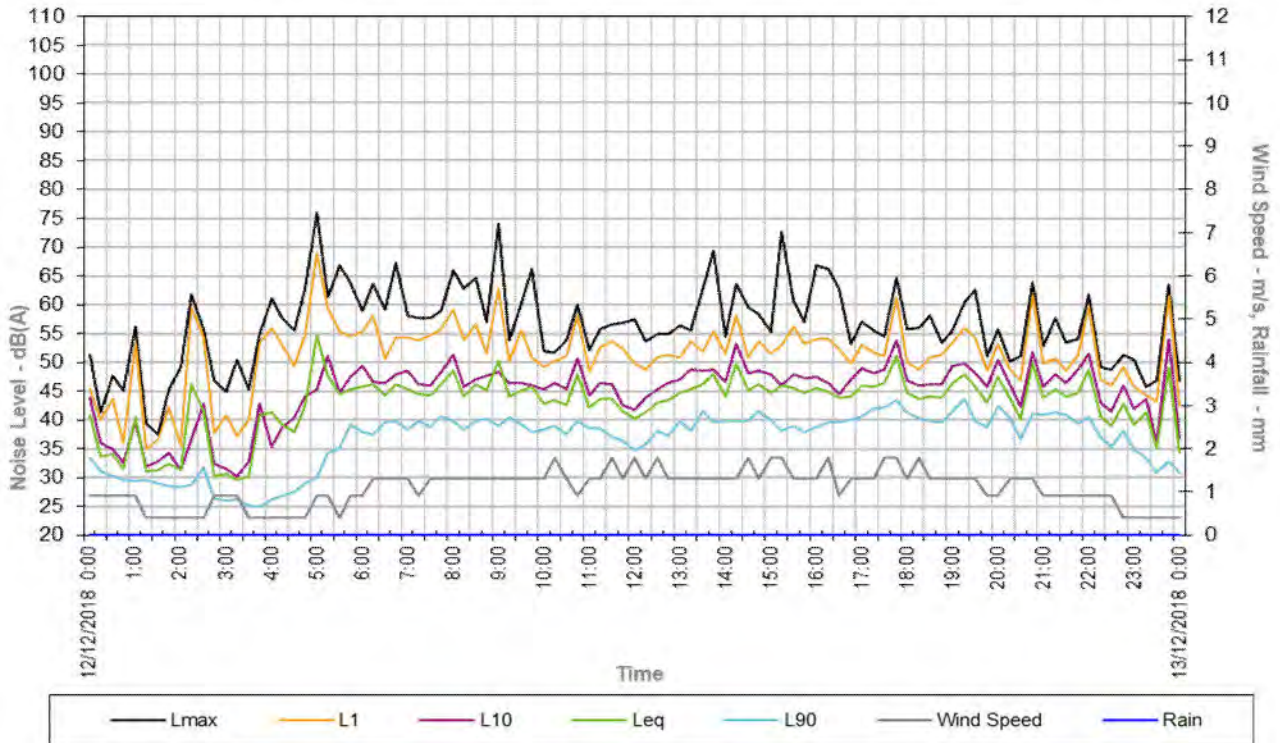
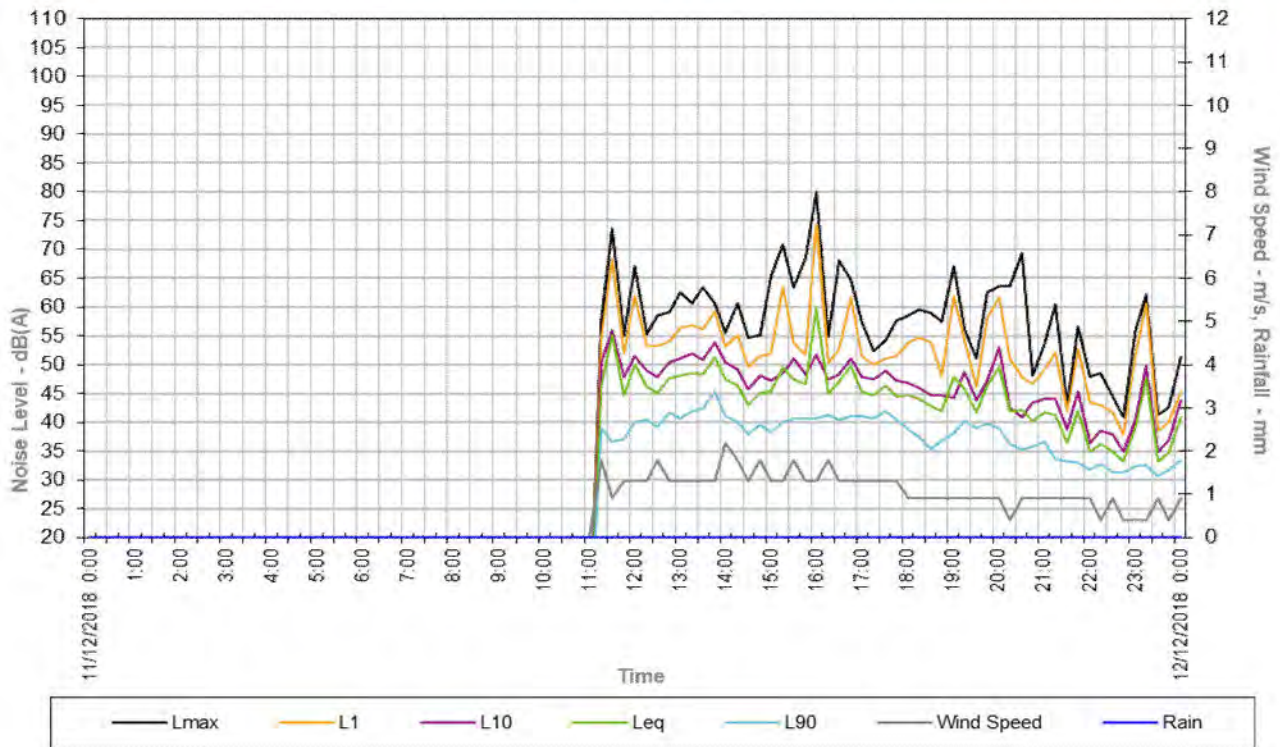
GOWRIE TO HELIDON ENVIRONMENTAL IMPACT STATEMENT

ARTC

The Australian Government is delivering
Inland Rail through the Australian
Rail Track Corporation (ARTC), in
partnership with the private sector.

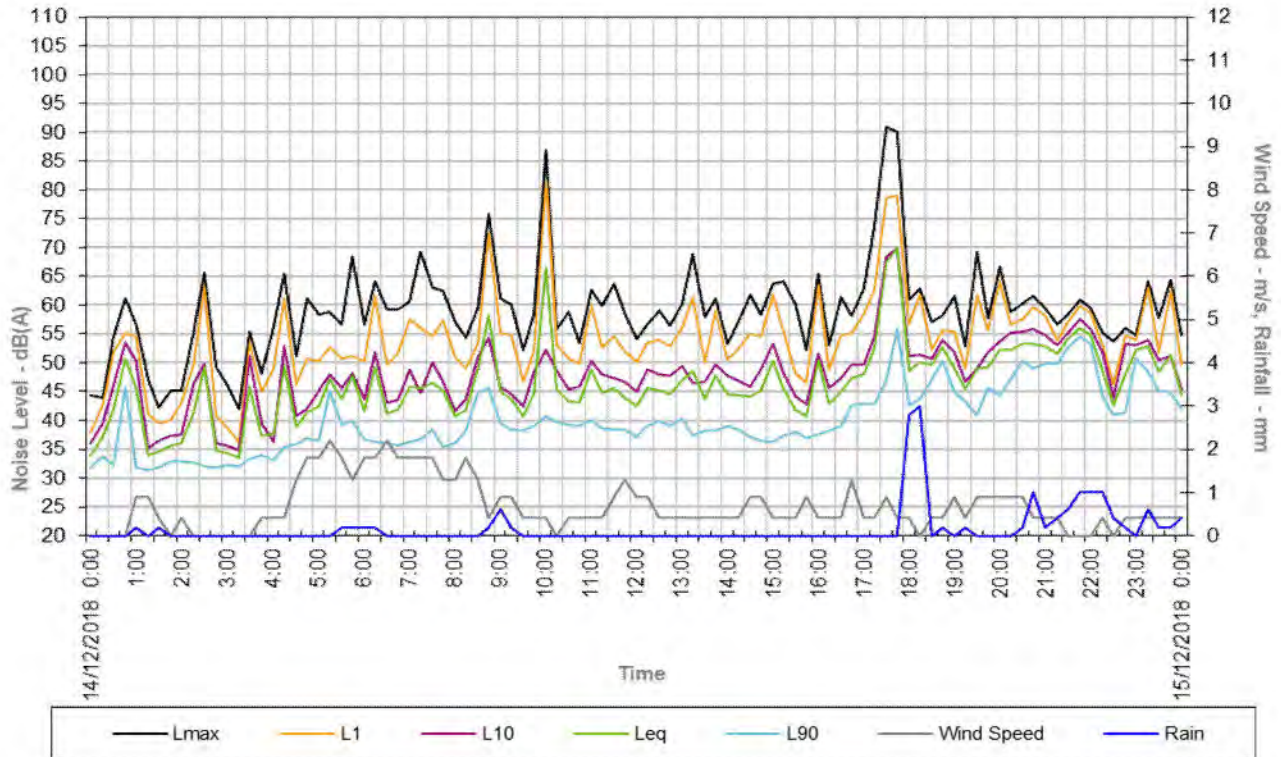
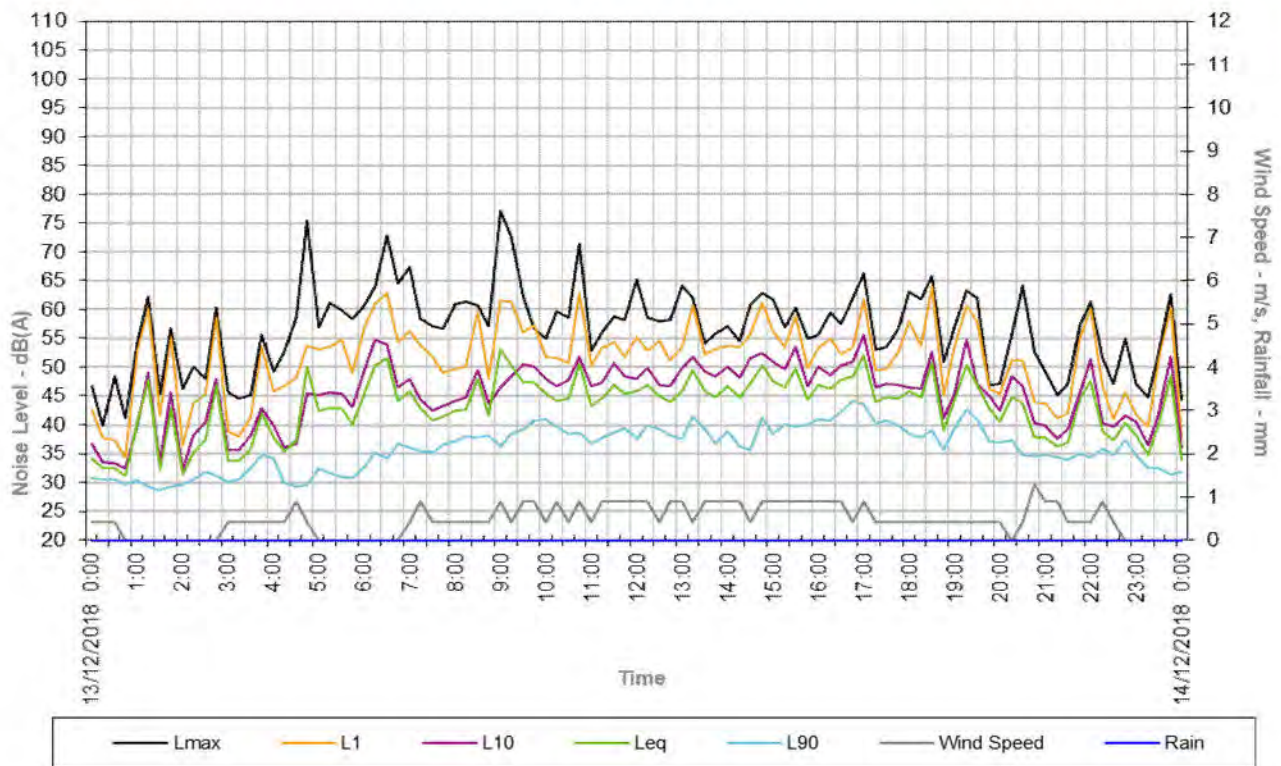
Site Noise and Weather Graphical Analysis

130 Morris Road



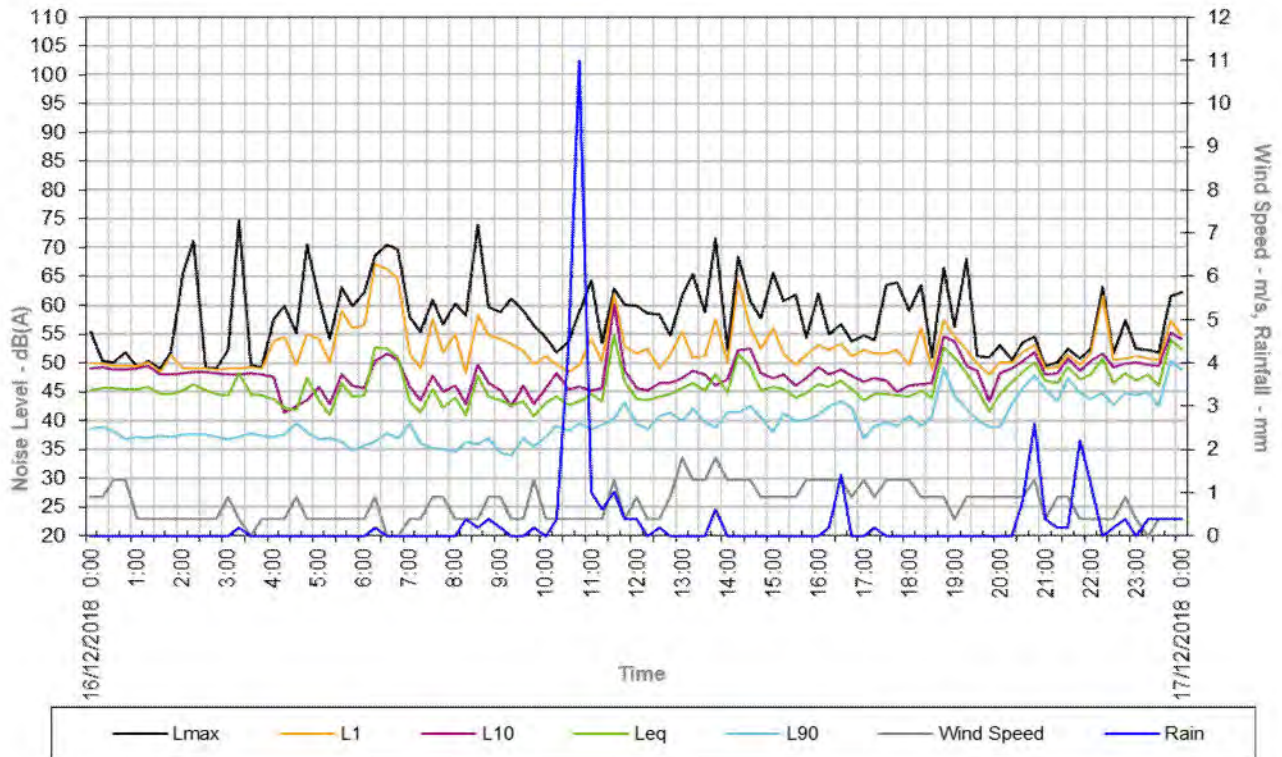
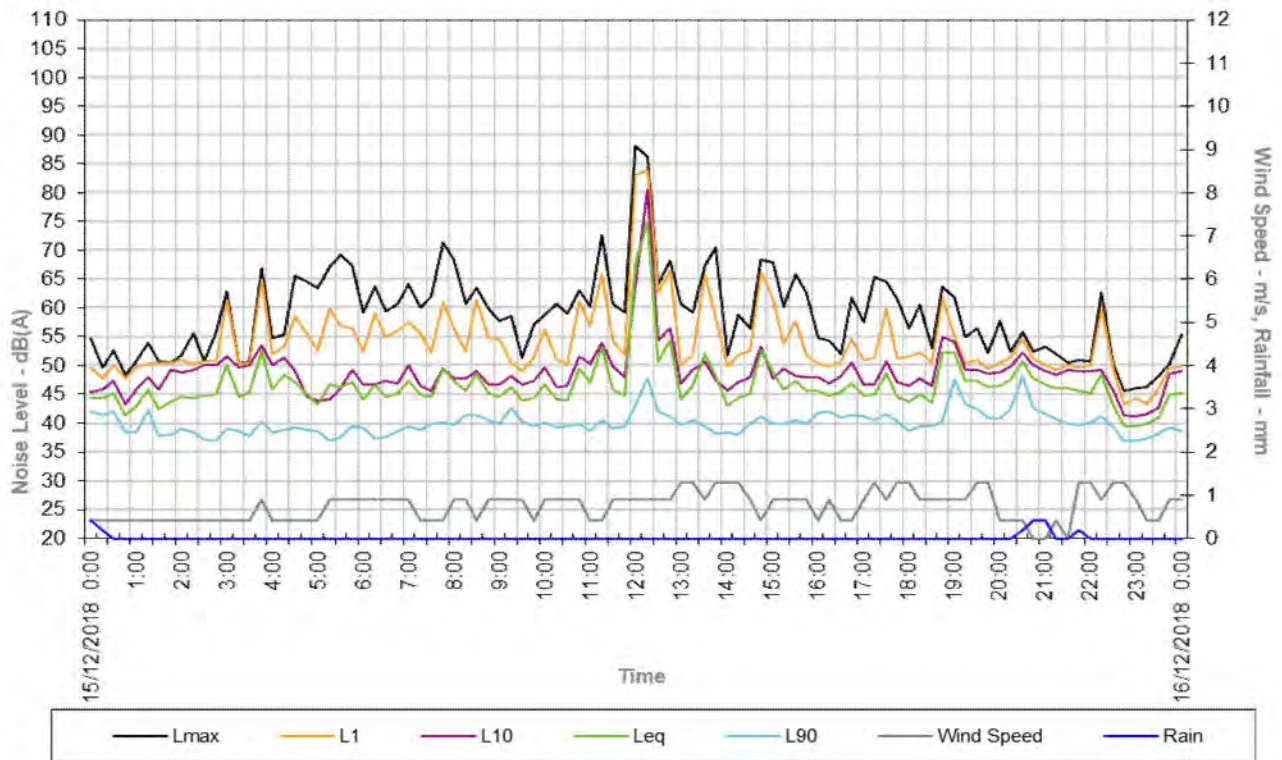
Site Noise and Weather Graphical Analysis

130 Morris Road



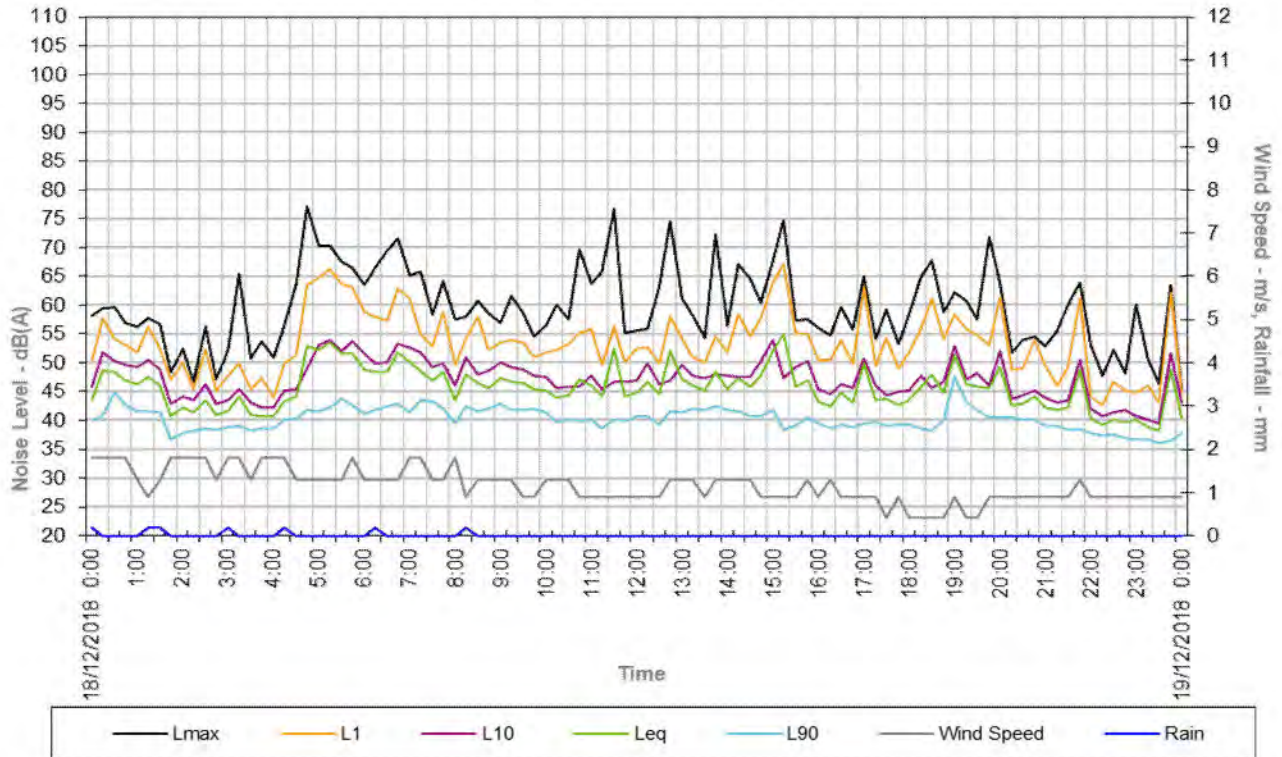
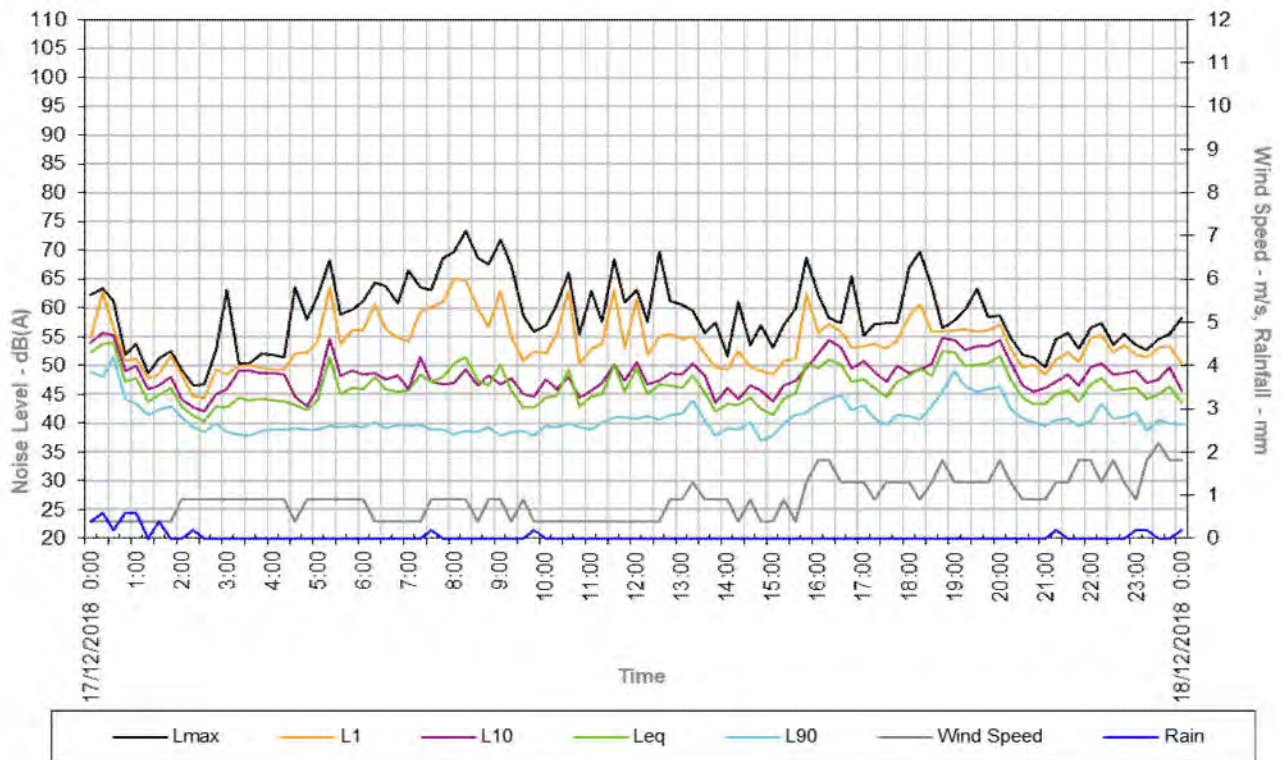
Site Noise and Weather Graphical Analysis

130 Morris Road



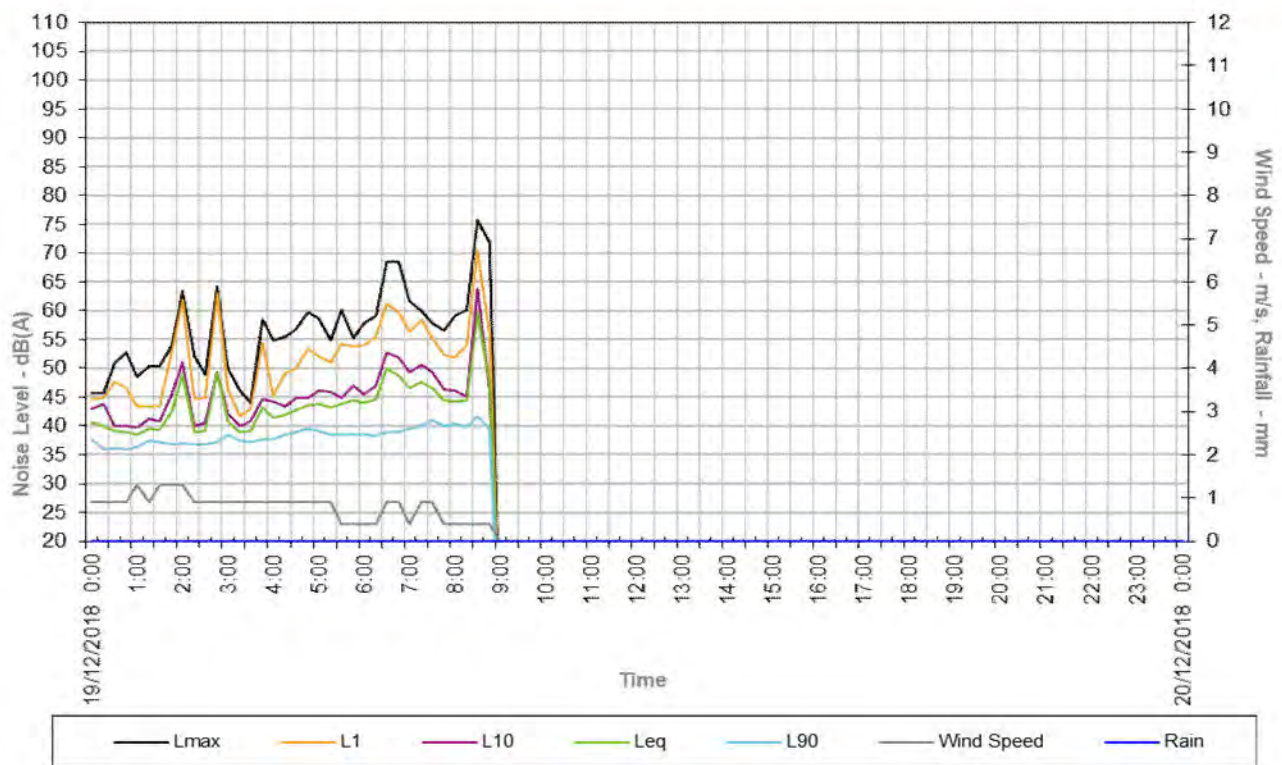
Site Noise and Weather Graphical Analysis

130 Morris Road



Site Noise and Weather Graphical Analysis

130 Morris Road



Logged Noise and Weather Data													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)	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)
11/12/2018	11:15	46	58	55	50	39	0.0	1.8	4.0	135	25	51	713	12/12/2018	4:45	42	63	55	44	29	0.0	0.4	2.7	90	17	94	711
11/12/2018	11:30	55	74	68	56	37	0.0	0.9	3.6	90	25	50	713	12/12/2018	5:00	55	76	69	45	30	0.0	0.9	2.2	90	17	94	711
11/12/2018	11:45	45	55	52	48	37	0.0	1.3	4.9	90	26	48	713	12/12/2018	5:15	48	61	59	51	34	0.0	0.9	2.7	90	17	94	711
11/12/2018	12:00	50	67	62	52	40	0.0	1.3	4.0	90	26	47	713	12/12/2018	5:30	44	67	55	45	35	0.0	0.4	3.1	90	17	94	711
11/12/2018	12:15	46	55	53	49	41	0.0	1.3	4.9	90	26	48	712	12/12/2018	5:45	45	64	54	47	39	0.0	0.9	2.7	90	17	94	711
11/12/2018	12:30	45	58	53	46	39	0.0	1.8	4.0	90	26	47	712	12/12/2018	6:00	46	59	55	49	38	0.0	0.9	3.1	90	17	94	711
11/12/2018	12:45	48	59	54	51	42	0.0	1.3	4.5	113	27	46	712	12/12/2018	6:15	46	64	58	47	38	0.0	1.3	3.6	90	17	94	711
11/12/2018	13:00	48	63	56	51	41	0.0	1.3	5.4	113	27	45	712	12/12/2018	6:30	44	59	51	46	40	0.0	1.3	3.1	68	17	94	711
11/12/2018	13:15	49	61	57	52	42	0.0	1.3	4.5	90	27	45	712	12/12/2018	6:45	46	67	54	48	40	0.0	1.3	2.7	90	17	94	711
11/12/2018	13:30	48	63	56	51	42	0.0	1.3	4.5	90	27	44	712	12/12/2018	7:00	45	58	54	49	38	0.0	1.3	3.6	68	17	94	712
11/12/2018	13:45	51	61	59	54	45	0.0	1.3	5.4	90	28	44	712	12/12/2018	7:15	45	58	54	46	40	0.0	0.9	3.6	90	17	94	712
11/12/2018	14:00	48	55	53	50	41	0.0	2.2	6.7	135	28	42	712	12/12/2018	7:30	44	58	55	46	39	0.0	1.3	2.7	90	18	90	712
11/12/2018	14:15	46	61	55	49	40	0.0	1.8	4.9	113	28	43	711	12/12/2018	7:45	46	59	56	48	41	0.0	1.3	4.9	90	19	83	712
11/12/2018	14:30	43	55	50	46	38	0.0	1.3	4.9	90	28	44	711	12/12/2018	8:00	48	66	59	51	40	0.0	1.3	4.0	90	20	76	712
11/12/2018	14:45	45	55	52	48	40	0.0	1.8	5.4	90	28	43	711	12/12/2018	8:15	44	63	54	46	38	0.0	1.3	6.3	90	21	72	712
11/12/2018	15:00	45	65	52	47	38	0.0	1.3	4.9	113	28	42	711	12/12/2018	8:30	46	65	57	47	40	0.0	1.3	4.0	90	21	72	712
11/12/2018	15:15	50	71	64	49	40	0.0	1.3	5.8	90	28	42	711	12/12/2018	8:45	45	57	52	48	40	0.0	1.3	4.0	90	22	68	712
11/12/2018	15:30	48	63	54	51	41	0.0	1.8	5.4	90	28	43	711	12/12/2018	9:00	50	74	63	48	39	0.0	1.3	4.5	90	22	67	712
11/12/2018	15:45	47	69	52	48	41	0.0	1.3	4.0	90	28	42	711	12/12/2018	9:15	44	54	50	47	41	0.0	1.3	4.5	113	22	65	712
11/12/2018	16:00	60	80	74	52	41	0.0	1.3	5.8	90	28	43	711	12/12/2018	9:30	45	60	56	47	39	0.0	1.3	3.6	135	23	61	712
11/12/2018	16:15	45	55	50	47	41	0.0	1.8	4.9	113	28	43	711	12/12/2018	9:45	46	66	51	46	38	0.0	1.3	5.8	113	23	61	712
11/12/2018	16:30	47	68	53	48	41	0.0	1.3	5.4	90	27	44	711	12/12/2018	10:00	43	52	49	45	38	0.0	1.3	4.9	90	24	58	712
11/12/2018	16:45	50	65	62	51	41	0.0	1.3	3.6	90	27	45	711	12/12/2018	10:15	43	52	50	47	39	0.0	1.8	4.0	113	24	55	712
11/12/2018	17:00	45	57	51	48	41	0.0	1.3	4.5	113	27	47	711	12/12/2018	10:30	43	54	51	45	38	0.0	1.3	4.0	113	24	55	712
11/12/2018	17:15	45	52	50	48	41	0.0	1.3	4.0	135	27	48	711	12/12/2018	10:45	48	60	58	51	40	0.0	0.9	4.5	113	25	55	711
11/12/2018	17:30	46	54	51	49	42	0.0	1.3	6.3	68	26	50	711	12/12/2018	11:00	42	52	48	44	39	0.0	1.3	5.4	90	25	53	711
11/12/2018	17:45	45	58	52	47	40	0.0	1.3	3.6	90	26	52	711	12/12/2018	11:15	44	56	53	46	39	0.0	1.3	3.6	113	26	52	711
11/12/2018	18:00	45	58	54	47	39	0.0	0.9	2.7	90	25	54	711	12/12/2018	11:30	44	57	54	46	37	0.0	1.8	3.6	113	26	51	711
11/12/2018	18:15	44	60	55	46	37	0.0	0.9	3.6	68	24	56	711	12/12/2018	11:45	42	57	52	43	37	0.0	1.3	4.0	90	26	50	711
11/12/2018	18:30	43	59	54	45	35	0.0	0.9	3.1	68	24	58	711	12/12/2018	12:00	40	57	50	42	35	0.0	1.8	4.9	90	27	49	711
11/12/2018	18:45	42	57	48	45	37	0.0	0.9	4.5	90	23	61	712	12/12/2018	12:15	41	54	49	44	36	0.0	1.3	3.6	113	27	48	710
11/12/2018	19:00	48	67	62	44	38	0.0	0.9	3.1	90	23	62	712	12/12/2018	12:30	43	55	51	45	38	0.0	1.8	5.4	113	28	46	710
11/12/2018	19:15	46	56	54	49	40	0.0	0.9	5.4	113	22	64	712	12/12/2018	12:45	43	55	51	46	37	0.0	1.3	4.0	113	28	45	710
11/12/2018	19:30	42	51	46	44	39	0.0	0.9	3.6	90	22	65	712	12/12/2018	13:00	45	56	51	47	40	0.0	1.3	4.0	90	28	46	710
11/12/2018	19:45	46	63	58	47	40	0.0	0.9	3.1	90	21	66	712	12/12/2018	13:15	45	55	54	49	38	0.0	1.3	6.3	113	28	45	710
11/12/2018	20:00	50	64	62	53	39	0.0	0.9	2.7	90	21	66	712	12/12/2018	13:30	46	63	52	49	42	0.0	1.3	4.9	90	28	45	710
11/12/2018	20:15	42	64	51	43	36	0.0	0.4	2.7	90	21	68	713	12/12/2018	13:45	48	69	55	49	40	0.0	1.3	5.4	135	29	44	709
11/12/2018	20:30	42	69	48	41	35	0.0	0.9	5.8	135	20	69	713	12/12/2018	14:00	44	55	52	47	40	0.0	1.3	5.8	113	29	44	709
11/12/2018	20:45	40	48	47	43	36	0.0	0.9	4.0	90	20	71	713	12/12/2018	14:15	50	64	58	53	40	0.0	1.3	5.4	113	29	43	709
11/12/2018	21:00	42	54	49	44	37	0.0	0.9	5.8	90	20	74	713	12/12/2018	14:30	45	60	51	48	40	0.0	1.8	5.4	135	29	43	709
11/12/2018	21:15	41	60	52	44	34	0.0	0.9	2.7	90	19	76	713	12/12/2018	14:45	46	58	54	49	42	0.0	1.3	5.4	113	29	42	709
11/12/2018	21:30	37	43	42	39	33	0.0	0.9	2.7	90	19	78	713	12/12/2018	15:00	45	55	52	48	40	0.0	1.8	4.9	113	29	43	709
11/12/2018	21:45	42	57	53	45	33	0.0	0.9	2.2	68	19	79	713	12/12/2018	15:15	46	73	53	46	38	0.0	1.8	5.8	113	29	43	709
11/12/2018	22:00	35	48	44	36	32	0.0	0.9	2.7	90	19	81	713	12/12/2018	15:30	45	61	56	48	39	0.0	1.3	5.4	90	29	42	709
11/12/2018	22:15	36	49	43	39	33	0.0	0.4	2.7	90	19	82	713	12/12/2018	15:45	45	57	53	47	38	0.0	1.3	3.6	90	29	43	709
11/12/2018	22:30	35	45	42	38	31	0.0	0.9	3.1	90	18	83	713	12/12/2018	16:00	46	67	54	47	39	0.0	1.3	4.5	90	29	43	708
11/12/2018	22:45	33	41	38	35	31	0.0	0.4	2.7	90	18	84	713	12/12/2018	16:15	45	66	54	47	40	0.0	1.8	5.8	113	29	43	708
11/12/2018	23:00	39	56	52	40	32	0.0	0.4	2.2	113	18	84	713	12/12/2018	16:30	44	63	52	44	40	0.0	0.9	4.9	90	28	44	708
11/12/2018	23:15	48	62	61	50	33	0.0	0.4	2.7	113	18	85	713	12/12/2018	16:45	44	53	50	47	40	0.0	1.3	4.0	135	28	45	708
11/12/2018	23:30	33	41	39	35	31	0.0	0.9	2.7	113	18	85	713	12/12/2018	17:00	46	57	53	49	41	0.0	1.3	3.6	113	27	46	708
11/12/2018	23:45	35	43	40	37	32	0.0	0.4	2.2	90	18	85	713	12/12/2018	17:15	46	56	52	48	42	0.0	1.3	4.9	113	27	48	709
12/12/2018	0:00	41	51	45	44	33	0.0	0.9	2.2	90	18	86	712	12/12/2018													

Logged Noise and Weather Data														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)	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)
12/12/2018	22:15	41	49	47	43	37	0.0	0.9	3.1	90	19	83	710	13/12/2018	15:45	44	55	50	47	40	0.0	0.9	2.2	23	32	35	704
12/12/2018	22:30	39	49	46	42	35	0.0	0.9	3.1	113	19	84	710	13/12/2018	16:00	47	56	53	50	41	0.0	0.9	2.7	0	32	36	704
12/12/2018	22:45	43	51	48	46	38	0.0	0.4	2.2	113	19	85	710	13/12/2018	16:15	46	60	55	49	41	0.0	0.9	3.1	0	31	38	704
12/12/2018	23:00	39	50	46	42	35	0.0	0.4	2.2	113	19	85	710	13/12/2018	16:30	48	58	52	50	42	0.0	0.9	2.7	68	30	41	704
12/12/2018	23:15	41	46	44	44	33	0.0	0.4	2.7	135	18	86	710	13/12/2018	16:45	48	62	54	51	44	0.0	0.4	2.7	135	29	41	704
12/12/2018	23:30	35	47	43	36	31	0.0	0.4	2.2	113	18	86	710	13/12/2018	17:00	52	66	62	56	44	0.0	0.9	2.7	23	28	43	704
12/12/2018	23:45	49	63	61	54	33	0.0	0.4	2.2	90	18	86	710	13/12/2018	17:15	44	53	50	47	40	0.0	0.4	2.2	23	28	45	705
13/12/2018	0:00	34	47	43	37	31	0.0	0.4	1.8	90	18	85	710	13/12/2018	17:30	45	53	50	47	41	0.0	0.4	2.7	23	27	46	705
13/12/2018	0:15	32	40	36	34	31	0.0	0.4	2.2	90	18	86	709	13/12/2018	17:45	45	57	53	47	40	0.0	0.4	2.2	23	27	47	705
13/12/2018	0:30	32	48	37	33	31	0.0	0.4	0.9	90	18	87	709	13/12/2018	18:00	46	63	58	46	38	0.0	0.4	2.7	45	26	48	705
13/12/2018	0:45	31	41	34	32	30	0.0	0.0	1.3	90	18	87	709	13/12/2018	18:15	45	62	54	46	38	0.0	0.4	2.7	0	26	49	706
13/12/2018	1:00	40	54	53	40	30	0.0	0.0	0.9	90	18	87	709	13/12/2018	18:30	51	66	64	53	39	0.0	0.4	2.2	338	26	51	706
13/12/2018	1:15	48	62	60	49	29	0.0	0.0	0.4	90	18	87	709	13/12/2018	18:45	39	51	45	41	36	0.0	0.4	2.7	0	26	53	706
13/12/2018	1:30	32	45	42	34	29	0.0	0.0	0.4	90	18	87	709	13/12/2018	19:00	44	57	54	45	40	0.0	0.4	1.8	23	25	54	706
13/12/2018	1:45	43	57	55	46	29	0.0	0.0	0.9	90	18	87	709	13/12/2018	19:15	50	63	61	55	43	0.0	0.4	3.1	90	25	56	706
13/12/2018	2:00	31	46	37	32	30	0.0	0.0	0.4	90	18	87	709	13/12/2018	19:30	47	62	58	47	41	0.0	0.4	2.2	90	25	57	706
13/12/2018	2:15	35	50	44	38	31	0.0	0.0	0.9	90	18	87	709	13/12/2018	19:45	43	47	46	45	37	0.0	0.4	1.3	23	25	58	706
13/12/2018	2:30	37	48	45	41	32	0.0	0.0	0.4	90	18	87	709	13/12/2018	20:00	41	47	46	42	37	0.0	0.4	1.8	23	25	58	706
13/12/2018	2:45	47	60	56	48	31	0.0	0.0	0.4	90	18	87	708	13/12/2018	20:15	45	56	51	48	37	0.0	0.0	1.8	0	24	57	706
13/12/2018	3:00	34	46	39	36	30	0.0	0.4	1.3	90	18	88	708	13/12/2018	20:30	44	64	51	47	35	0.0	0.4	2.2	23	24	57	706
13/12/2018	3:15	34	44	38	36	31	0.0	0.4	1.3	90	18	89	708	13/12/2018	20:45	38	53	44	40	35	0.0	1.3	4.9	225	24	70	707
13/12/2018	3:30	36	45	41	38	33	0.0	0.4	1.3	90	17	89	708	13/12/2018	21:00	38	49	44	40	35	0.0	0.9	3.1	225	23	75	707
13/12/2018	3:45	42	56	54	43	35	0.0	0.4	1.3	90	17	90	708	13/12/2018	21:15	36	45	41	38	34	0.0	0.9	2.2	248	22	78	706
13/12/2018	4:00	38	49	46	40	34	0.0	0.4	1.8	90	17	90	708	13/12/2018	21:30	37	47	42	39	34	0.0	0.4	1.3	248	22	78	706
13/12/2018	4:15	35	53	47	36	30	0.0	0.4	3.1	90	17	91	708	13/12/2018	21:45	45	57	55	46	35	0.0	0.4	1.8	225	22	78	705
13/12/2018	4:30	37	59	48	37	29	0.0	0.9	2.2	90	17	91	708	13/12/2018	22:00	48	61	60	51	34	0.0	0.4	3.1	90	21	78	705
13/12/2018	4:45	50	75	54	46	29	0.0	0.4	1.3	90	17	92	708	13/12/2018	22:15	39	52	47	40	36	0.0	0.9	2.7	113	21	79	705
13/12/2018	5:00	42	57	53	45	33	0.0	0.0	1.3	90	17	92	708	13/12/2018	22:30	37	47	41	40	35	0.0	0.4	2.2	135	21	81	706
13/12/2018	5:15	43	61	53	46	32	0.0	0.0	0.4	90	17	92	709	13/12/2018	22:45	40	55	46	42	37	0.0	0.0	0.9	113	21	82	706
13/12/2018	5:30	43	60	55	46	31	0.0	0.0	0.4	90	17	92	709	13/12/2018	23:00	38	47	42	41	35	0.0	0.0	0.9	68	21	82	706
13/12/2018	5:45	40	58	49	43	31	0.0	0.0	0.9	90	17	92	709	13/12/2018	23:15	35	45	40	37	32	0.0	0.0	0.9	68	21	82	706
13/12/2018	6:00	45	61	57	50	33	0.0	0.0	0.9	90	18	91	709	13/12/2018	23:30	40	53	51	42	33	0.0	0.0	0.9	68	21	83	706
13/12/2018	6:15	50	64	61	55	35	0.0	0.0	0.4	90	18	90	709	13/12/2018	23:45	48	63	60	52	31	0.0	0.0	0.9	68	21	84	706
13/12/2018	6:30	52	73	63	54	34	0.0	0.0	0.4	90	18	89	709	14/12/2018	0:00	34	44	38	36	32	0.0	0.0	0.9	68	21	84	706
13/12/2018	6:45	44	65	54	46	37	0.0	0.0	1.3	90	18	86	709	14/12/2018	0:15	37	44	43	39	34	0.0	0.0	0.4	68	21	84	706
13/12/2018	7:00	46	67	56	48	36	0.0	0.4	1.8	90	19	81	709	14/12/2018	0:30	42	55	52	46	32	0.0	0.0	0.9	68	21	84	706
13/12/2018	7:15	43	58	54	44	35	0.0	0.9	3.6	338	20	77	709	14/12/2018	0:45	51	61	55	54	46	0.0	0.0	0.9	68	21	85	705
13/12/2018	7:30	41	57	52	43	35	0.0	0.4	1.8	315	20	75	709	14/12/2018	1:00	46	57	55	50	32	0.2	0.9	2.7	68	20	86	705
13/12/2018	7:45	41	57	49	43	37	0.0	0.4	2.2	0	21	72	709	14/12/2018	1:15	34	47	41	35	31	0.0	0.9	4.9	68	20	89	705
13/12/2018	8:00	43	61	50	44	37	0.0	0.4	2.2	338	21	70	709	14/12/2018	1:30	35	42	39	37	32	0.2	0.4	1.8	113	20	89	705
13/12/2018	8:15	43	61	50	45	38	0.0	0.4	2.7	0	22	67	709	14/12/2018	1:45	36	45	40	37	33	0.0	0.0	0.9	113	20	89	705
13/12/2018	8:30	48	61	60	49	36	0.0	0.4	2.7	0	22	68	709	14/12/2018	2:00	36	45	43	38	33	0.0	0.4	1.8	90	20	88	705
13/12/2018	8:45	42	57	48	44	36	0.0	0.4	2.7	0	22	65	709	14/12/2018	2:15	41	55	49	46	33	0.0	0.0	2.2	225	20	87	705
13/12/2018	9:00	53	77	62	46	36	0.0	0.9	2.7	0	23	63	709	14/12/2018	2:30	49	66	63	50	32	0.0	0.0	1.3	248	20	87	705
13/12/2018	9:15	50	73	61	49	38	0.0	0.4	2.7	90	23	61	709	14/12/2018	2:45	35	49	41	36	32	0.0	0.0	0.4	248	20	87	705
13/12/2018	9:30	47	62	56	51	39	0.0	0.9	3.6	23	23	61	709	14/12/2018	3:00	34	46	39	36	32	0.0	0.0	0.9	248	20	87	705
13/12/2018	9:45	47	57	57	50	41	0.0	0.9	4.0	338	24	60	708	14/12/2018	3:15	34	42	36	35	32	0.0	0.0	1.8	248	20	87	705
13/12/2018	10:00	46	55	52	48	41	0.0	0.4	2.2	0	24	60	708	14/12/2018	3:30	46	55	53	51	33	0.0	0.0	0.4	270	20	88	705
13/12/2018	10:15	44	60	52	47	40	0.0	0.9	2.7	0	25	57	708	14/12/2018	3:45	38	46	45	40	34	0.0	0.4	2.2	293	20	88	705
13/12/2018	10:30	45	59	51	48	36	0.0	0.4	2.7	0	26	54	708	14/12/2018	4:00	37	56	49	36	33	0.0	0.4	3.1	293	20	88	705
13/12/2018	10:45	51	71	63	52	39	0.0	0.9	4.0	113	26	50	708	14/12/2018	4:15	49	65	61	53	36	0.0	0.4	3.1	293	20	89	706
13/12/2018	11:00	43	53	50	47	37	0.0	0.4	2.2	45	27	51															

Logged Noise and Weather Data														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)	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)
14/12/2018	9:15	44	60	55	45	38	0.2	0.9	1.8	90	19	90	705	15/12/2018	2:45	45	56	51	50	37	0.0	0.4	2.2	113	19	95	705
14/12/2018	9:30	41	52	47	43	36	0.0	0.4	1.8	225	20	89	706	15/12/2018	3:00	50	63	61	52	39	0.0	0.4	1.8	113	19	95	706
14/12/2018	9:45	45	58	52	48	39	0.0	0.4	1.8	113	20	87	706	15/12/2018	3:15	44	50	50	50	39	0.0	0.4	1.8	113	19	95	706
14/12/2018	10:00	66	87	82	52	41	0.0	0.4	1.8	315	21	83	706	15/12/2018	3:30	45	51	51	50	38	0.0	0.4	2.2	113	19	95	706
14/12/2018	10:15	45	56	53	49	40	0.0	0.0	1.8	315	23	81	706	15/12/2018	3:45	53	67	65	53	40	0.0	0.9	2.2	68	19	95	706
14/12/2018	10:30	43	59	51	45	39	0.0	0.4	2.2	135	24	74	705	15/12/2018	4:00	46	55	52	50	38	0.0	0.4	1.8	90	18	95	706
14/12/2018	10:45	43	54	50	48	39	0.0	0.4	1.8	113	24	73	705	15/12/2018	4:15	48	55	53	51	39	0.0	0.4	2.2	90	18	95	706
14/12/2018	11:00	49	63	60	50	40	0.0	0.4	2.2	23	25	69	705	15/12/2018	4:30	47	66	59	49	39	0.0	0.4	2.2	90	18	95	706
14/12/2018	11:15	45	60	53	48	39	0.0	0.4	2.2	23	26	86	705	15/12/2018	4:45	45	65	55	45	39	0.0	0.4	2.7	90	18	95	707
14/12/2018	11:30	46	64	55	47	38	0.0	0.9	2.7	23	27	64	705	15/12/2018	5:00	43	63	53	44	39	0.0	0.4	2.2	113	18	95	707
14/12/2018	11:45	44	59	52	47	38	0.0	1.3	3.6	23	28	61	705	15/12/2018	5:15	47	67	60	44	37	0.0	0.9	3.6	90	18	95	707
14/12/2018	12:00	42	54	50	45	37	0.0	0.9	3.1	0	29	60	705	15/12/2018	5:30	46	69	57	46	38	0.0	0.9	2.2	90	18	95	707
14/12/2018	12:15	46	57	54	49	39	0.0	0.9	3.1	23	30	59	705	15/12/2018	5:45	47	67	57	49	40	0.0	0.9	2.7	90	18	95	708
14/12/2018	12:30	45	59	54	48	40	0.0	0.4	3.1	23	29	57	705	15/12/2018	6:00	44	59	53	47	39	0.0	0.9	2.2	68	18	95	708
14/12/2018	12:45	45	56	53	48	39	0.0	0.4	2.2	338	30	57	704	15/12/2018	6:15	47	64	59	47	37	0.0	0.9	2.7	90	18	95	708
14/12/2018	13:00	47	60	56	49	40	0.0	0.4	3.1	135	29	60	704	15/12/2018	6:30	45	60	55	47	38	0.0	0.9	2.2	90	18	95	708
14/12/2018	13:15	49	69	61	46	37	0.0	0.4	3.1	135	28	60	704	15/12/2018	6:45	45	61	56	47	39	0.0	0.9	4.0	90	18	95	708
14/12/2018	13:30	44	58	50	47	38	0.0	0.4	2.2	0	28	60	704	15/12/2018	7:00	47	64	58	50	40	0.0	0.9	3.1	90	18	95	708
14/12/2018	13:45	48	61	59	50	38	0.0	0.4	3.6	113	28	60	704	15/12/2018	7:15	45	60	56	47	39	0.0	0.4	1.8	68	19	95	708
14/12/2018	14:00	45	53	51	48	39	0.0	0.4	2.2	113	29	58	704	15/12/2018	7:30	45	62	52	46	40	0.0	0.4	1.8	90	19	95	708
14/12/2018	14:15	44	57	52	47	38	0.0	0.4	2.7	113	29	58	704	15/12/2018	7:45	50	71	61	50	40	0.0	0.4	3.1	113	19	95	708
14/12/2018	14:30	44	62	55	46	37	0.0	0.9	3.1	113	29	52	704	15/12/2018	8:00	47	66	57	48	40	0.0	0.9	1.8	90	20	95	708
14/12/2018	14:45	45	58	55	49	37	0.0	0.9	3.1	113	31	48	703	15/12/2018	8:15	48	61	53	48	41	0.0	0.9	2.7	90	20	95	709
14/12/2018	15:00	50	64	62	53	36	0.0	0.4	2.2	45	31	48	703	15/12/2018	8:30	49	63	61	49	41	0.0	0.4	3.1	90	20	95	708
14/12/2018	15:15	46	64	55	48	37	0.0	0.4	2.7	113	31	52	703	15/12/2018	8:45	45	60	55	47	41	0.0	0.9	2.7	90	21	95	708
14/12/2018	15:30	42	60	48	44	38	0.0	0.4	2.2	135	29	57	703	15/12/2018	9:00	45	58	55	47	40	0.0	0.9	3.1	90	21	94	708
14/12/2018	15:45	41	52	46	43	37	0.0	0.9	2.2	113	28	61	703	15/12/2018	9:15	46	59	51	48	43	0.0	0.9	2.7	90	22	91	708
14/12/2018	16:00	51	65	64	52	38	0.0	0.4	2.7	90	27	64	703	15/12/2018	9:30	44	51	49	47	40	0.0	0.9	2.2	90	22	89	708
14/12/2018	16:15	43	53	49	46	38	0.0	0.4	1.8	113	26	68	703	15/12/2018	9:45	44	57	51	47	40	0.0	0.4	2.2	68	23	87	708
14/12/2018	16:30	45	61	55	47	39	0.0	0.4	2.7	113	26	70	704	15/12/2018	10:00	47	59	56	50	40	0.0	0.9	3.1	68	24	84	709
14/12/2018	16:45	47	58	55	50	43	0.0	1.3	3.6	90	25	73	704	15/12/2018	10:15	44	61	51	46	39	0.0	0.9	2.2	90	24	79	708
14/12/2018	17:00	48	63	58	50	43	0.0	0.4	2.7	90	24	77	705	15/12/2018	10:30	44	59	50	46	39	0.0	0.9	2.7	90	25	74	708
14/12/2018	17:15	52	74	63	55	43	0.0	0.4	2.2	90	23	77	704	15/12/2018	10:45	50	63	61	52	40	0.0	0.9	3.6	90	26	74	708
14/12/2018	17:30	68	91	79	68	47	0.0	0.9	3.1	90	22	79	704	15/12/2018	11:00	47	60	57	50	39	0.0	0.4	3.1	113	26	70	708
14/12/2018	17:45	70	90	79	70	56	0.0	0.4	3.1	68	21	82	706	15/12/2018	11:15	53	73	66	54	41	0.0	0.4	2.7	113	26	69	708
14/12/2018	18:00	49	61	57	51	43	2.8	0.4	1.8	225	21	85	705	15/12/2018	11:30	46	61	54	50	39	0.0	0.9	2.2	90	26	69	708
14/12/2018	18:15	50	63	62	51	44	3.0	0.0	0.9	0	21	87	706	15/12/2018	11:45	45	59	52	48	39	0.0	0.9	2.7	90	26	69	708
14/12/2018	18:30	50	57	52	51	47	0.0	0.4	2.2	23	20	89	708	15/12/2018	12:00	68	88	83	64	43	0.0	0.9	2.7	68	27	67	708
14/12/2018	18:45	53	58	56	54	50	0.2	0.4	1.8	90	20	91	706	15/12/2018	12:15	75	86	84	81	48	0.0	0.9	3.1	90	27	66	708
14/12/2018	19:00	49	62	56	52	45	0.0	0.9	3.1	113	20	92	706	15/12/2018	12:30	51	64	63	54	42	0.0	0.9	3.6	90	28	65	707
14/12/2018	19:15	45	53	49	47	43	0.2	0.4	3.6	135	20	93	706	15/12/2018	12:45	54	66	66	56	41	0.0	0.9	3.1	90	28	62	707
14/12/2018	19:30	49	69	62	49	41	0.0	0.9	3.6	135	20	92	706	15/12/2018	13:00	44	61	50	47	40	0.0	1.3	3.1	68	28	63	707
14/12/2018	19:45	49	58	56	52	46	0.0	0.9	5.4	113	20	92	706	15/12/2018	13:15	46	59	52	49	41	0.0	1.3	3.6	68	28	63	707
14/12/2018	20:00	52	67	64	54	44	0.0	0.9	2.7	90	20	91	706	15/12/2018	13:30	52	67	66	51	40	0.0	0.9	3.1	113	29	61	707
14/12/2018	20:15	52	59	57	55	47	0.0	0.9	3.6	113	20	92	707	15/12/2018	13:45	48	71	58	48	38	0.0	1.3	4.0	68	29	61	707
14/12/2018	20:30	53	60	58	55	50	0.2	0.9	3.6	90	20	93	707	15/12/2018	14:00	43	52	50	46	38	0.0	1.3	4.0	113	29	62	707
14/12/2018	20:45	53	61	60	56	49	1.0	0.4	1.8	90	20	93	707	15/12/2018	14:15	44	59	52	47	38	0.0	1.3	4.0	113	29	62	707
14/12/2018	21:00	53	60	58	55	50	0.2	0.4	3.6	88	20	93	707	15/12/2018	14:30	45	57	53	48	40	0.0	0.9	4.0	135	29	60	706
14/12/2018	21:15	52	57	54	53	50	0.4	0.4	2.2	113	20	93	707	15/12/2018	14:45	53	66	66	53	41	0.0	0.4	2.2	113	29	60	707
14/12/2018	21:30	54	58	57	55	53	0.6	0.0	0.9	90	19	94	708	15/12/2018	15:00	49	68	62	48	40	0.0	0.9	3.1	90	29	60	706
14/12/2018	21:45	56	61	60	58	55	1.0	0.0	0.9	90	19	94	708	15/12/2018	15:15	46	60	54	49	40	0.0	0.9	3.6	113	29	59	706
14/12/2018	22:00	55	59	59	56	53																					

Logged Noise and Weather Data														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)	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)
15/12/2018	20:15	48	52	51	50	42	0.0	0.4	3.6	135	23	79	709	16/12/2018	13:45	48	72	58	46	39	0.6	1.8	5.4	113	21	95	708
15/12/2018	20:30	51	56	55	52	48	0.2	0.4	2.2	113	23	82	709	16/12/2018	14:00	45	52	50	47	41	0.0	1.3	4.9	113	21	95	707
15/12/2018	20:45	48	52	51	50	43	0.4	0.0	2.2	135	23	86	709	16/12/2018	14:15	52	68	64	52	41	0.0	1.3	4.0	68	21	95	707
15/12/2018	21:00	47	53	50	49	42	0.4	0.0	2.2	135	22	88	709	16/12/2018	14:30	49	61	56	52	42	0.0	1.3	6.3	90	21	95	707
15/12/2018	21:15	46	52	49	49	41	0.0	0.4	1.8	135	21	90	709	16/12/2018	14:45	45	58	53	48	41	0.0	0.9	4.0	90	21	95	707
15/12/2018	21:30	46	51	50	49	40	0.0	0.0	1.8	135	21	91	709	16/12/2018	15:00	46	66	56	47	38	0.0	0.9	3.6	68	21	95	707
15/12/2018	21:45	46	51	50	49	40	0.2	1.3	4.5	113	21	91	709	16/12/2018	15:15	45	61	52	48	41	0.0	0.9	3.6	113	21	95	707
15/12/2018	22:00	45	51	50	49	40	0.0	1.3	4.0	113	21	92	709	16/12/2018	15:30	44	62	50	46	40	0.0	0.9	3.1	68	21	95	707
15/12/2018	22:15	48	63	60	49	41	0.0	0.9	3.6	135	21	93	709	16/12/2018	15:45	45	54	51	47	40	0.0	1.3	5.4	90	21	95	707
15/12/2018	22:30	43	50	49	46	39	0.0	1.3	4.9	113	21	93	709	16/12/2018	16:00	46	62	53	49	41	0.0	1.3	3.6	90	21	95	707
15/12/2018	22:45	39	46	43	41	37	0.0	1.3	4.0	113	21	93	709	16/12/2018	16:15	46	55	52	48	43	0.2	1.3	6.3	90	21	95	707
15/12/2018	23:00	39	46	44	41	37	0.0	0.9	4.9	113	21	93	709	16/12/2018	16:30	47	57	53	49	43	1.4	1.3	5.4	90	20	95	707
15/12/2018	23:15	40	46	43	42	37	0.0	0.4	2.2	90	21	94	709	16/12/2018	16:45	45	54	51	48	42	0.0	0.9	5.8	90	20	95	707
15/12/2018	23:30	41	48	46	43	38	0.0	0.4	2.2	135	21	94	709	16/12/2018	17:00	44	55	52	47	37	0.0	1.3	4.0	113	21	95	707
15/12/2018	23:45	45	50	50	49	39	0.0	0.9	4.0	158	21	94	709	16/12/2018	17:15	45	54	52	47	39	0.2	0.9	4.0	113	21	95	708
16/12/2018	0:00	45	55	50	49	39	0.0	0.9	4.0	90	21	94	708	16/12/2018	17:30	45	64	52	47	40	0.0	1.3	4.9	113	20	95	707
16/12/2018	0:15	46	50	50	49	39	0.0	0.9	5.8	90	21	94	708	16/12/2018	17:45	44	64	52	45	39	0.0	1.3	4.9	90	20	95	708
16/12/2018	0:30	46	50	50	49	38	0.0	1.3	4.9	90	21	94	708	16/12/2018	18:00	44	59	50	46	41	0.0	1.3	3.6	113	20	95	708
16/12/2018	0:45	45	52	50	49	37	0.0	1.3	4.9	68	21	94	708	16/12/2018	18:15	45	63	56	46	39	0.0	0.9	4.5	90	20	95	708
16/12/2018	1:00	45	49	50	49	37	0.0	0.4	2.2	90	21	94	708	16/12/2018	18:30	44	51	49	47	41	0.0	0.9	2.2	90	20	96	708
16/12/2018	1:15	46	50	50	50	37	0.0	0.4	2.7	113	21	94	708	16/12/2018	18:45	53	66	57	55	49	0.0	0.9	4.0	90	20	96	708
16/12/2018	1:30	45	49	49	48	37	0.0	0.4	2.2	113	21	94	708	16/12/2018	19:00	51	56	55	54	44	0.0	0.4	3.6	45	20	98	708
16/12/2018	1:45	45	52	51	48	37	0.0	0.4	4.0	135	21	95	708	16/12/2018	19:15	48	68	52	49	42	0.0	0.9	3.6	113	20	95	708
16/12/2018	2:00	45	66	49	48	38	0.0	0.4	3.6	113	21	95	708	16/12/2018	19:30	45	51	50	49	40	0.0	0.9	3.6	113	20	95	708
16/12/2018	2:15	46	71	49	48	38	0.0	0.4	2.7	68	21	95	708	16/12/2018	19:45	42	51	48	43	39	0.0	0.9	4.0	90	20	96	708
16/12/2018	2:30	45	49	49	49	38	0.0	0.4	2.2	90	21	95	708	16/12/2018	20:00	45	53	50	48	39	0.0	0.9	3.6	135	20	95	709
16/12/2018	2:45	45	49	49	48	37	0.0	0.4	2.7	135	21	94	708	16/12/2018	20:15	47	51	50	49	43	0.0	0.9	2.7	90	20	96	709
16/12/2018	3:00	44	52	49	48	37	0.0	0.9	4.9	113	20	95	708	16/12/2018	20:30	48	54	52	50	46	0.8	0.9	4.9	135	20	95	709
16/12/2018	3:15	48	75	49	48	37	0.2	0.4	4.9	90	20	95	708	16/12/2018	20:45	50	55	53	52	46	2.6	1.3	4.9	113	20	95	709
16/12/2018	3:30	45	50	49	48	38	0.0	0.0	1.8	113	20	95	708	16/12/2018	21:00	47	50	49	48	46	0.4	0.4	2.2	113	20	96	709
16/12/2018	3:45	44	49	49	48	37	0.0	0.4	3.1	113	20	95	708	16/12/2018	21:15	47	50	49	48	43	0.2	0.9	3.6	135	20	96	709
16/12/2018	4:00	44	58	54	48	37	0.0	0.4	2.2	113	20	95	708	16/12/2018	21:30	49	52	51	51	47	0.2	0.9	2.7	135	20	96	709
16/12/2018	4:15	42	60	55	41	38	0.0	0.4	3.1	113	20	95	708	16/12/2018	21:45	47	51	50	49	45	2.2	0.4	1.8	68	20	96	709
16/12/2018	4:30	42	55	50	42	40	0.0	0.9	3.6	113	20	95	708	16/12/2018	22:00	48	53	52	50	44	1.2	0.4	3.1	113	20	96	709
16/12/2018	4:45	47	70	55	44	38	0.0	0.4	3.1	113	20	95	708	16/12/2018	22:15	51	63	62	52	45	0.0	0.4	3.6	158	20	96	709
16/12/2018	5:00	44	61	54	46	37	0.0	0.4	2.7	113	20	95	708	16/12/2018	22:30	47	52	51	49	43	0.2	0.4	3.1	135	20	96	709
16/12/2018	5:15	41	54	50	43	37	0.0	0.4	2.2	113	20	95	709	16/12/2018	22:45	48	57	51	50	45	0.4	0.9	3.6	135	20	96	709
16/12/2018	5:30	46	63	59	48	36	0.0	0.4	3.1	113	20	95	709	16/12/2018	23:00	47	52	51	50	44	0.0	0.4	3.1	158	20	96	709
16/12/2018	5:45	44	60	56	46	35	0.0	0.4	3.1	113	20	95	709	16/12/2018	23:15	48	52	51	50	45	0.4	0.0	0.9	158	19	96	709
16/12/2018	6:00	44	62	56	46	36	0.0	0.4	3.1	113	20	95	709	16/12/2018	23:30	46	52	51	49	42	0.4	0.4	1.8	113	19	96	709
16/12/2018	6:15	53	69	67	50	36	0.2	0.9	3.6	113	20	95	709	16/12/2018	23:45	54	62	57	55	50	0.4	0.4	2.2	90	19	96	709
16/12/2018	6:30	53	70	66	52	38	0.0	0.0	1.8	90	21	95	709	17/12/2018	0:00	52	62	55	54	49	0.4	0.4	3.1	90	19	96	708
16/12/2018	6:45	51	70	65	51	37	0.0	0.0	2.2	113	21	95	709	17/12/2018	0:15	54	63	63	56	48	0.6	0.4	2.2	90	19	95	708
16/12/2018	7:00	43	58	52	46	39	0.0	0.4	2.7	135	21	95	709	17/12/2018	0:30	54	61	57	55	52	0.2	0.4	1.8	90	19	96	708
16/12/2018	7:15	41	55	49	44	36	0.0	0.4	2.7	113	21	95	709	17/12/2018	0:45	47	52	51	49	44	0.6	0.4	2.7	113	19	96	708
16/12/2018	7:30	45	61	58	48	35	0.0	0.9	3.6	113	21	95	709	17/12/2018	1:00	48	54	51	50	43	0.6	0.4	1.8	90	19	96	708
16/12/2018	7:45	42	57	52	45	35	0.0	0.9	2.7	113	21	95	709	17/12/2018	1:15	44	49	48	46	41	0.0	0.4	2.7	90	19	96	708
16/12/2018	8:00	44	60	55	46	35	0.0	0.4	2.7	113	21	95	709	17/12/2018	1:30	45	51	49	47	42	0.4	0.4	2.2	90	19	96	708
16/12/2018	8:15	41	58	48	43	36	0.4	0.4	3.1	135	21	95	709	17/12/2018	1:45	46	52	48	43	41	0.0	0.4	2.2	90	19	96	707
16/12/2018	8:30	48	74	58	50	36	0.2	0.4	2.2	113	21	95	709	17/12/2018	2:00	43	49	49	44	41	0.0	0.9	3.6	90	19	96	707
16/12/2018	8:45	44	60	55	46	37	0.4	0.9	4.0	113	21	95	709	17/12/2018	2:15	41	47	45	43	39	0.2	0.9	3.6	90	19	96	707
16/12/2018	9:00	43	59	54	45																						

Logged Noise and Weather Data													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)	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)
17/12/2018	7:15	48	64	59	51	40	0.0	0.4	2.2	135	19	96	709	18/12/2018	0:45	47	57	53	50	43	0.0	1.8	5.8	68	19	95	709
17/12/2018	7:30	47	63	60	47	39	0.2	0.9	3.1	135	19	96	710	18/12/2018	1:00	46	56	52	49	42	0.0	1.3	4.0	113	19	96	709
17/12/2018	7:45	48	69	61	47	39	0.0	0.9	3.6	135	19	96	710	18/12/2018	1:15	48	58	56	51	42	0.2	0.9	3.6	90	19	96	709
17/12/2018	8:00	50	70	65	47	38	0.0	0.9	3.6	135	19	96	710	18/12/2018	1:30	46	57	52	49	41	0.2	1.3	6.7	90	19	95	709
17/12/2018	8:15	51	73	65	49	39	0.0	0.9	4.0	113	19	96	710	18/12/2018	1:45	41	48	47	43	37	0.0	1.8	7.6	90	19	95	709
17/12/2018	8:30	47	69	60	47	38	0.0	0.4	3.6	113	19	96	710	18/12/2018	2:00	42	53	50	44	38	0.0	1.8	4.9	90	19	95	709
17/12/2018	8:45	46	68	57	48	39	0.0	0.9	3.1	113	19	96	710	18/12/2018	2:15	41	47	46	44	38	0.0	1.8	5.8	90	18	95	708
17/12/2018	9:00	50	72	63	47	38	0.0	0.9	3.1	113	19	96	710	18/12/2018	2:30	43	56	52	46	39	0.0	1.8	5.4	90	18	96	709
17/12/2018	9:15	46	67	55	48	39	0.0	0.4	3.6	135	19	96	710	18/12/2018	2:45	41	47	45	43	38	0.0	1.3	4.9	90	18	96	709
17/12/2018	9:30	43	59	51	45	39	0.0	0.9	3.1	135	20	96	710	18/12/2018	3:00	42	52	48	44	39	0.2	1.8	4.9	90	18	96	709
17/12/2018	9:45	43	56	53	45	38	0.2	0.4	2.2	113	20	96	710	18/12/2018	3:15	44	65	50	46	39	0.0	1.8	4.9	90	18	95	708
17/12/2018	10:00	44	57	52	48	40	0.0	0.4	2.7	113	20	96	710	18/12/2018	3:30	41	51	45	43	38	0.0	1.3	5.4	90	18	96	709
17/12/2018	10:15	45	61	56	46	39	0.0	0.4	2.2	135	20	96	710	18/12/2018	3:45	41	54	47	42	39	0.0	1.8	4.9	113	18	95	709
17/12/2018	10:30	49	66	63	48	40	0.0	0.4	2.7	135	20	96	709	18/12/2018	4:00	41	51	44	42	39	0.0	1.8	5.4	113	18	96	709
17/12/2018	10:45	43	55	50	45	39	0.0	0.4	2.7	113	20	96	709	18/12/2018	4:15	43	56	50	45	40	0.2	1.8	4.9	90	18	96	709
17/12/2018	11:00	45	63	53	46	39	0.0	0.4	2.2	113	20	96	709	18/12/2018	4:30	44	64	51	45	40	0.0	1.3	4.5	90	18	96	709
17/12/2018	11:15	45	58	54	47	40	0.0	0.4	3.1	113	20	96	709	18/12/2018	4:45	53	77	64	49	42	0.0	1.3	4.0	90	18	96	709
17/12/2018	11:30	50	69	63	50	41	0.0	0.4	2.7	135	20	96	709	18/12/2018	5:00	52	70	65	53	42	0.0	1.3	4.0	68	18	96	709
17/12/2018	11:45	46	61	53	47	41	0.0	0.4	3.1	135	21	96	709	18/12/2018	5:15	53	70	66	54	42	0.0	1.3	3.1	68	18	96	709
17/12/2018	12:00	50	63	62	51	41	0.0	0.4	2.7	135	21	95	709	18/12/2018	5:30	51	68	64	52	44	0.0	1.3	4.0	90	18	96	709
17/12/2018	12:15	45	58	52	47	41	0.0	0.4	2.7	135	21	93	709	18/12/2018	5:45	52	66	63	54	43	0.0	1.8	4.9	113	18	96	710
17/12/2018	12:30	47	70	55	47	41	0.0	0.4	1.8	113	21	92	709	18/12/2018	6:00	49	64	59	52	41	0.0	1.3	6.3	113	19	98	710
17/12/2018	12:45	47	61	55	49	42	0.0	0.9	4.9	113	22	87	709	18/12/2018	6:15	48	67	58	50	42	0.2	1.3	4.9	90	19	96	710
17/12/2018	13:00	46	61	55	48	42	0.0	0.9	3.6	90	23	85	709	18/12/2018	6:30	48	70	57	50	42	0.0	1.3	5.8	113	19	96	710
17/12/2018	13:15	48	60	55	50	44	0.0	1.3	4.9	113	23	84	709	18/12/2018	6:45	52	72	63	53	43	0.0	1.3	3.6	68	19	96	710
17/12/2018	13:30	45	56	52	48	40	0.0	0.9	3.1	113	24	81	708	18/12/2018	7:00	50	65	61	53	41	0.0	1.8	4.5	90	19	96	710
17/12/2018	13:45	42	57	50	44	38	0.0	0.9	3.1	90	24	81	708	18/12/2018	7:15	49	66	55	52	43	0.0	1.8	8.9	90	19	96	710
17/12/2018	14:00	43	52	49	46	39	0.0	0.9	2.7	90	24	78	708	18/12/2018	7:30	47	58	53	49	43	0.0	1.3	4.0	90	19	96	710
17/12/2018	14:15	43	61	53	44	39	0.0	0.4	2.7	113	24	78	708	18/12/2018	7:45	48	64	59	50	42	0.0	1.3	4.9	90	19	96	711
17/12/2018	14:30	44	54	50	47	40	0.0	0.9	3.6	113	25	77	708	18/12/2018	8:00	44	58	50	46	40	0.0	1.8	5.8	113	19	96	711
17/12/2018	14:45	43	57	49	46	37	0.0	0.4	2.7	113	24	79	708	18/12/2018	8:15	48	58	54	51	42	0.2	0.9	4.0	90	19	96	711
17/12/2018	15:00	42	53	48	44	38	0.0	0.4	3.6	113	23	80	708	18/12/2018	8:30	47	61	58	48	42	0.0	1.3	4.9	113	19	96	711
17/12/2018	15:15	44	57	51	47	40	0.0	0.9	2.7	113	23	80	708	18/12/2018	8:45	46	59	52	49	42	0.0	1.3	5.8	90	19	96	711
17/12/2018	15:30	45	60	51	48	41	0.0	0.4	2.7	113	24	75	708	18/12/2018	9:00	47	57	54	50	43	0.0	1.3	5.4	90	20	96	711
17/12/2018	15:45	50	69	63	50	42	0.0	1.3	4.0	90	25	73	708	18/12/2018	9:15	47	62	54	49	42	0.0	1.3	4.0	113	20	96	711
17/12/2018	16:00	49	62	56	52	43	0.0	1.8	5.4	90	25	74	708	18/12/2018	9:30	46	59	54	49	42	0.0	0.9	3.8	90	20	96	711
17/12/2018	16:15	51	58	57	54	44	0.0	1.8	6.3	113	24	79	708	18/12/2018	9:45	45	54	51	48	42	0.0	0.9	2.7	90	20	96	711
17/12/2018	16:30	50	57	56	53	45	0.0	1.3	5.4	113	24	80	708	18/12/2018	10:00	45	56	52	48	41	0.0	1.3	4.0	90	20	96	711
17/12/2018	16:45	47	65	53	50	42	0.0	1.3	4.0	90	23	80	708	18/12/2018	10:15	44	60	52	46	40	0.0	1.3	5.4	90	20	96	711
17/12/2018	17:00	48	55	53	51	43	0.0	1.3	5.8	90	23	81	708	18/12/2018	10:30	44	58	53	46	40	0.0	1.3	5.8	113	20	95	711
17/12/2018	17:15	46	57	54	49	41	0.0	0.9	3.1	90	23	84	708	18/12/2018	10:45	47	70	55	46	40	0.0	0.9	4.0	113	21	93	711
17/12/2018	17:30	45	57	53	47	40	0.0	1.3	4.0	90	22	87	709	18/12/2018	11:00	46	64	56	48	40	0.0	0.9	4.5	113	21	92	711
17/12/2018	17:45	47	58	55	50	41	0.0	1.3	4.0	113	22	88	709	18/12/2018	11:15	44	66	50	45	39	0.0	0.9	3.1	90	21	88	711
17/12/2018	18:00	48	67	59	49	41	0.0	1.3	6.7	113	21	89	709	18/12/2018	11:30	52	77	56	47	40	0.0	0.9	3.1	113	22	86	711
17/12/2018	18:15	50	70	61	49	41	0.0	0.9	4.0	113	21	90	709	18/12/2018	11:45	44	55	50	47	40	0.0	0.9	3.1	113	22	84	711
17/12/2018	18:30	48	63	56	50	43	0.0	1.3	4.9	113	21	92	709	18/12/2018	12:00	45	56	52	47	41	0.0	0.9	3.6	135	23	84	711
17/12/2018	18:45	53	57	56	55	45	0.0	1.8	6.7	90	21	92	709	18/12/2018	12:15	47	56	53	50	41	0.0	0.9	5.8	113	23	80	710
17/12/2018	19:00	52	58	56	55	49	0.0	1.3	6.3	88	20	92	709	18/12/2018	12:30	45	63	50	46	39	0.0	0.9	4.5	90	23	79	710
17/12/2018	19:15	50	60	56	53	46	0.0	1.3	5.4	68	20	92	710	18/12/2018	12:45	52	75	58	47	42	0.0	1.3	4.0	113	24	78	710
17/12/2018	19:30	50	63	56	53	45	0.0	1.3	4.9	90	20	92	710	18/12/2018	13:00	47	61	54	50	41	0.0	1.3	4.0	90	24	78	710
17/12/2018	19:45	50	58	56	53	46	0.0	1.3	3.1	68	20	93	710	18/12/2018	13:15	46	58	51	46	42	0.0	1.3	4.0	90	24	76	710
17/12/2018	20:00	52	59	57	55	46	0.0	1.8																			

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)
18/12/2018	18:15	46	65	56	48	39	0.0	0.4	2.2	113	24	73	710
18/12/2018	18:30	48	68	61	46	38	0.0	0.4	1.8	113	24	76	710
18/12/2018	18:45	45	59	54	47	40	0.0	0.4	2.2	113	23	78	710
18/12/2018	19:00	51	62	58	53	48	0.0	0.9	2.7	113	23	81	710
18/12/2018	19:15	46	61	56	47	43	0.0	0.4	2.7	113	22	82	711
18/12/2018	19:30	46	58	55	48	42	0.0	0.4	3.1	113	22	84	711
18/12/2018	19:45	46	72	53	48	41	0.0	0.9	3.1	113	22	84	711
18/12/2018	20:00	49	64	61	52	41	0.0	0.9	3.6	90	22	86	711
18/12/2018	20:15	43	52	49	44	41	0.0	0.9	3.1	113	21	87	711
18/12/2018	20:30	43	54	49	44	40	0.0	0.9	3.6	90	21	88	711
18/12/2018	20:45	44	55	54	45	40	0.0	0.9	3.1	113	21	89	712
18/12/2018	21:00	42	53	49	44	39	0.0	0.9	5.4	113	21	90	712
18/12/2018	21:15	42	56	46	43	39	0.0	0.9	5.8	113	21	91	711
18/12/2018	21:30	42	60	49	44	39	0.0	0.9	3.6	90	20	92	712
18/12/2018	21:45	49	64	61	51	38	0.0	1.3	4.0	90	20	92	712
18/12/2018	22:00	40	53	44	42	38	0.0	0.9	3.1	90	20	92	712
18/12/2018	22:15	39	48	43	41	37	0.0	0.9	3.1	113	20	93	712
18/12/2018	22:30	40	52	47	41	38	0.0	0.9	4.9	90	20	93	712
18/12/2018	22:45	40	48	45	42	37	0.0	0.9	4.0	90	20	94	712
18/12/2018	23:00	40	60	45	41	37	0.0	0.9	2.7	90	20	94	712
18/12/2018	23:15	39	51	46	40	37	0.0	0.9	2.7	90	19	94	711
18/12/2018	23:30	38	47	43	40	36	0.0	0.9	3.1	90	19	94	711
18/12/2018	23:45	49	63	62	52	36	0.0	0.9	3.6	90	19	94	711
19/12/2018	0:00	41	46	45	43	38	0.0	0.9	2.7	90	19	94	711
19/12/2018	0:15	40	46	45	44	36	0.0	0.9	3.6	90	19	95	711
19/12/2018	0:30	39	51	48	40	36	0.0	0.9	3.1	90	19	95	711
19/12/2018	0:45	39	53	47	40	36	0.0	0.9	4.9	90	19	95	711
19/12/2018	1:00	38	49	44	40	36	0.0	1.3	4.0	113	19	95	711
19/12/2018	1:15	40	50	43	41	37	0.0	0.9	3.6	113	19	95	710
19/12/2018	1:30	39	50	43	41	37	0.0	1.3	5.4	90	19	95	711
19/12/2018	1:45	43	54	53	46	37	0.0	1.3	3.6	90	19	95	710
19/12/2018	2:00	49	63	62	51	37	0.0	1.3	5.8	90	19	95	710
19/12/2018	2:15	39	52	45	40	37	0.0	0.9	4.0	113	19	95	710
19/12/2018	2:30	39	49	45	41	37	0.0	0.9	4.0	90	19	95	710
19/12/2018	2:45	49	64	63	49	37	0.0	0.9	4.0	113	19	95	710
19/12/2018	3:00	41	50	46	42	39	0.0	0.9	2.7	90	19	95	710
19/12/2018	3:15	39	46	42	40	38	0.0	0.9	3.1	69	19	95	710
19/12/2018	3:30	39	44	43	41	37	0.0	0.9	4.0	80	19	95	710
19/12/2018	3:45	43	58	55	45	38	0.0	0.9	3.1	90	19	95	710
19/12/2018	4:00	42	55	45	44	38	0.0	0.9	3.6	90	19	95	710
19/12/2018	4:15	42	56	49	43	38	0.0	0.9	2.7	90	19	95	710
19/12/2018	4:30	43	57	50	45	39	0.0	0.9	2.7	80	19	95	710
19/12/2018	4:45	44	60	53	45	40	0.0	0.9	2.7	90	19	95	710
19/12/2018	5:00	44	59	52	46	39	0.0	0.9	2.7	90	19	95	711
19/12/2018	5:15	43	55	51	46	39	0.0	0.9	2.2	90	19	95	711
19/12/2018	5:30	44	60	54	45	38	0.0	0.4	2.7	90	19	95	711
19/12/2018	5:45	45	55	54	47	38	0.0	0.4	2.7	68	19	95	711
19/12/2018	6:00	44	58	54	46	39	0.0	0.4	2.2	113	19	95	711
19/12/2018	6:15	45	59	56	47	38	0.0	0.4	2.2	90	19	95	711
19/12/2018	6:30	50	69	61	53	39	0.0	0.9	4.0	113	19	95	711
19/12/2018	6:45	49	69	60	52	39	0.0	0.9	4.0	113	19	95	711
19/12/2018	7:00	47	62	56	49	40	0.0	0.4	3.1	90	19	95	712
19/12/2018	7:15	48	60	58	51	40	0.0	0.9	3.1	69	19	96	712
19/12/2018	7:30	47	58	55	49	41	0.0	0.9	3.6	113	19	96	712
19/12/2018	7:45	44	57	52	46	40	0.0	0.4	2.2	90	19	96	712
19/12/2018	8:00	44	59	52	46	40	0.0	0.4	3.1	90	20	96	712
19/12/2018	8:15	44	60	54	45	40	0.0	0.4	4.0	113	20	96	712
19/12/2018	8:30	60	76	70	64	42	0.0	0.4	2.7	90	20	95	712
19/12/2018	8:45	47	72	56	48	40	0.0	0.4	2.7	113	20	94	712

Noise Monitoring Data Sheet

Inland Rail

SITE ID
G2H-4

From	Tuesday 11/12/2018 9:30	Meas. Type	Free Field	Package	Gowrie to Helidon
To	Wednesday 19/12/2018 7:30	Mic. Height (m)	1.8	Address	25 McShane Drive
Instrument Type	01 dB Cube	Weather Station	No	Suburb	Mount Kynoch
Instrument Serial #	10824	Operator	LNM	Land Use	Residential
Inst. Cal. Date	11/12/2018	Sample Int.	15 min	Latitude	27°30'59.12"S
Pre Calibration	94	RP Lot#	14/SP157008	Longitude	151°57'2.07"E
Post Calibration	93.8				

Daytime

RBL **45.6 dB(A)**

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

ABLs Day (Sat 8 am - 1 pm)

Tuesday 11/12/2018	45.6	dB(A)
Wednesday 12/12/2018	46.1	dB(A)
Thursday 13/12/2018	39.4	dB(A)
Friday 14/12/2018	39.5	dB(A)
Saturday 15/12/2018	44.9	dB(A)
Monday 17/12/2018	46.2	dB(A)
Tuesday 18/12/2018	47.3	dB(A)

Evening

RBL **45.0 dB(A)**

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

ABLs Evening (Sat 1 pm - 10 pm)

ABLs Evening (Sun 7 am - 10 pm)

Tuesday 11/12/2018	44.8	dB(A)
Wednesday 12/12/2018	45.7	dB(A)
Thursday 13/12/2018	39.9	dB(A)
Friday 14/12/2018	46.7	dB(A)
Saturday 15/12/2018	45.3	dB(A)
Sunday 16/12/2018	45.6	dB(A)
Monday 17/12/2018	42.7	dB(A)
Tuesday 18/12/2018	44.8	dB(A)

Night

RBL **36.8 dB(A)**

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

ABLs Night (Fri 6pm - 8am)

Tuesday 11/12/2018	35.8	dB(A)
Wednesday 12/12/2018	34.0	dB(A)
Thursday 13/12/2018	35.2	dB(A)
Friday 14/12/2018	37.9	dB(A)
Saturday 15/12/2018	35.9	dB(A)
Sunday 16/12/2018	39.1	dB(A)
Monday 17/12/2018	40.9	dB(A)
Tuesday 18/12/2018	37.7	dB(A)

Site Diagram - Diagram



Inland Rail

Project:60553814

Site Attended Measurements Summary

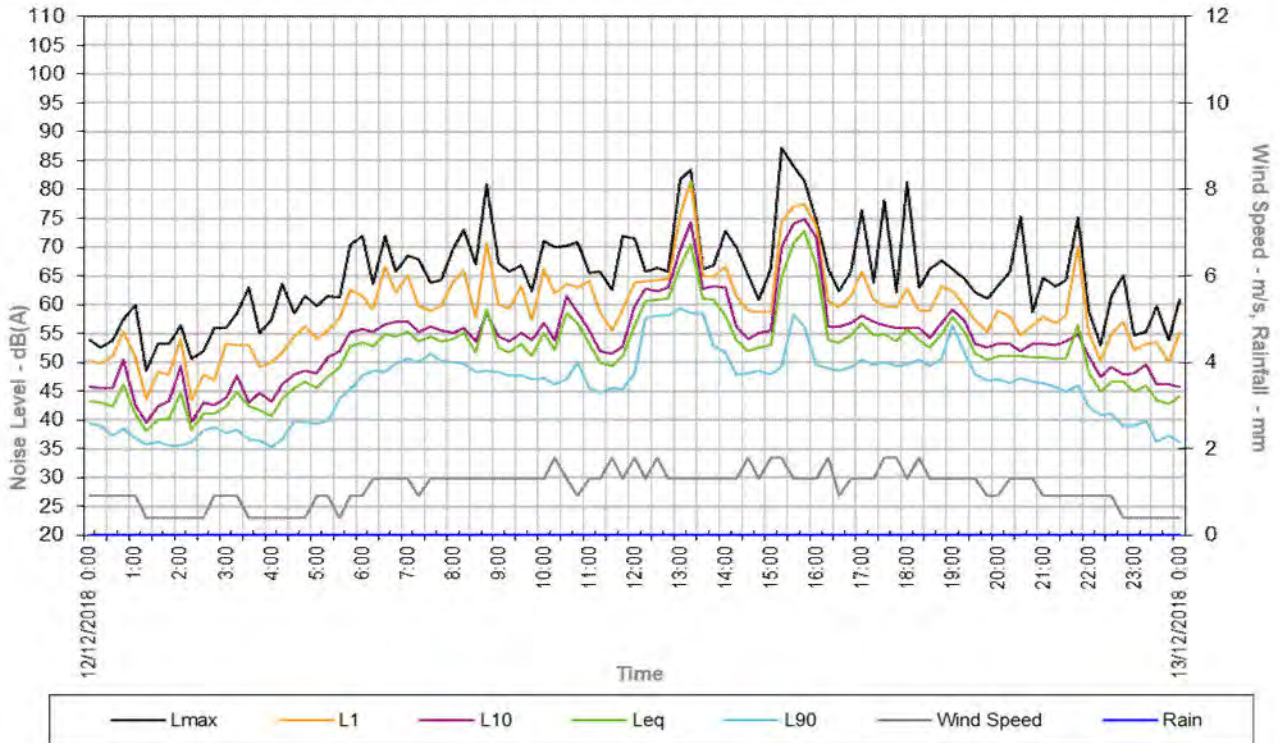
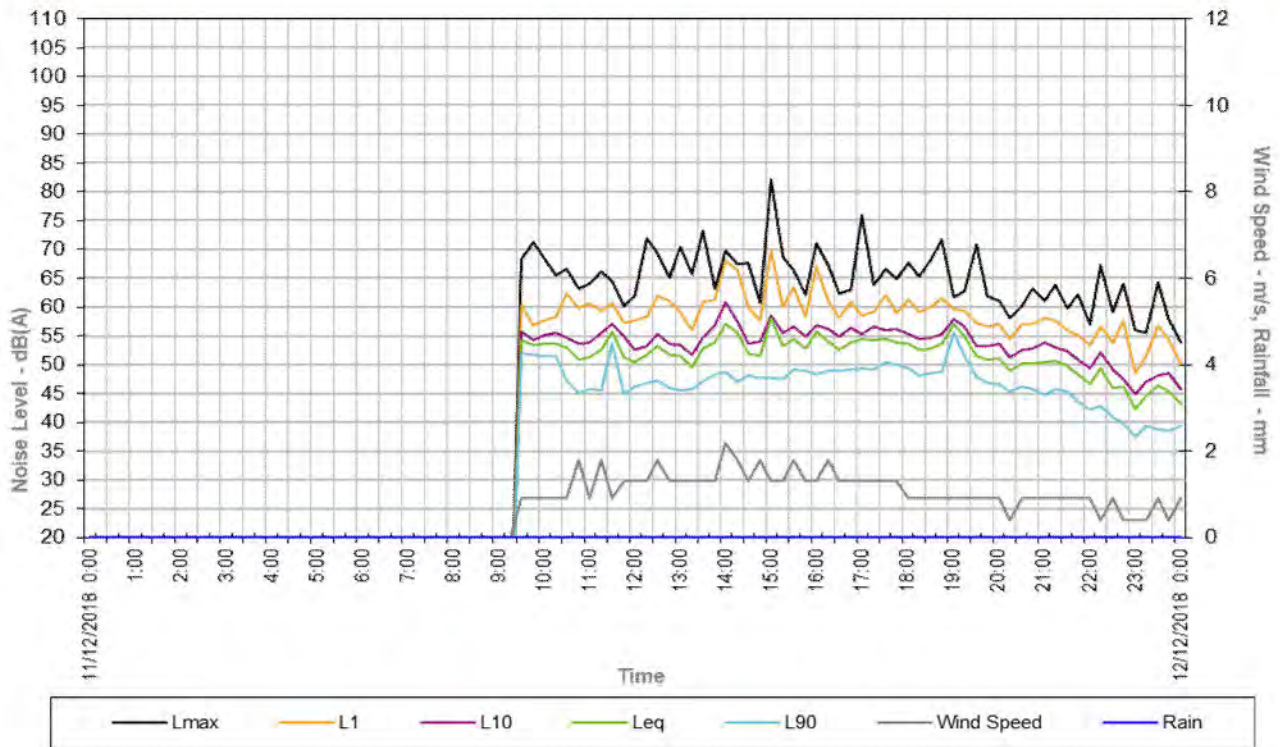
Site Attended Measurements Summary								Weather	
Date	Start	Measurement Type	Lmax	L1	L10	L90	Leq	Conditions Comply	End
11/12/2018	9:00 AM	Attended	77.4	61.3	54.6	50.0	54.1	Pass	9:15 AM
Comments		Logged	-	-	-	-	-		
		Difference	-	-	-	-	-		
	Data Logger: SVAN 957 (S/N: 27537). Attended measurement taken before the start of the logging time.								
	00:10 of Truck Local at 77 dB(A), 00:20 of Car at 53 dB(A), 00:03 of Bird at 57 dB(A), 03:00 of Truck Idling in accelerated mode at 56 dB(A), 00:25 of Truck at 57-59 dB(A), 11:02 of Truck Idling at 52-53 dB(A)								
19/12/2018	7:15 AM	Attended	68.9	60.4	53.9	47.5	52.0	Pass	7:30 AM
Comments		Logged	67.8	61.1	54.1	47.9	52.5		
		Difference	1.1	-0.7	-0.2	-0.4	-0.5		
	Data Logger: SVAN 957 (S/N: 27537). Bird at 56 – 66dB(A). Distant traffic dominates at 46 – 52dB(A). Trucks at 52 – 58dB(A).								

Photos



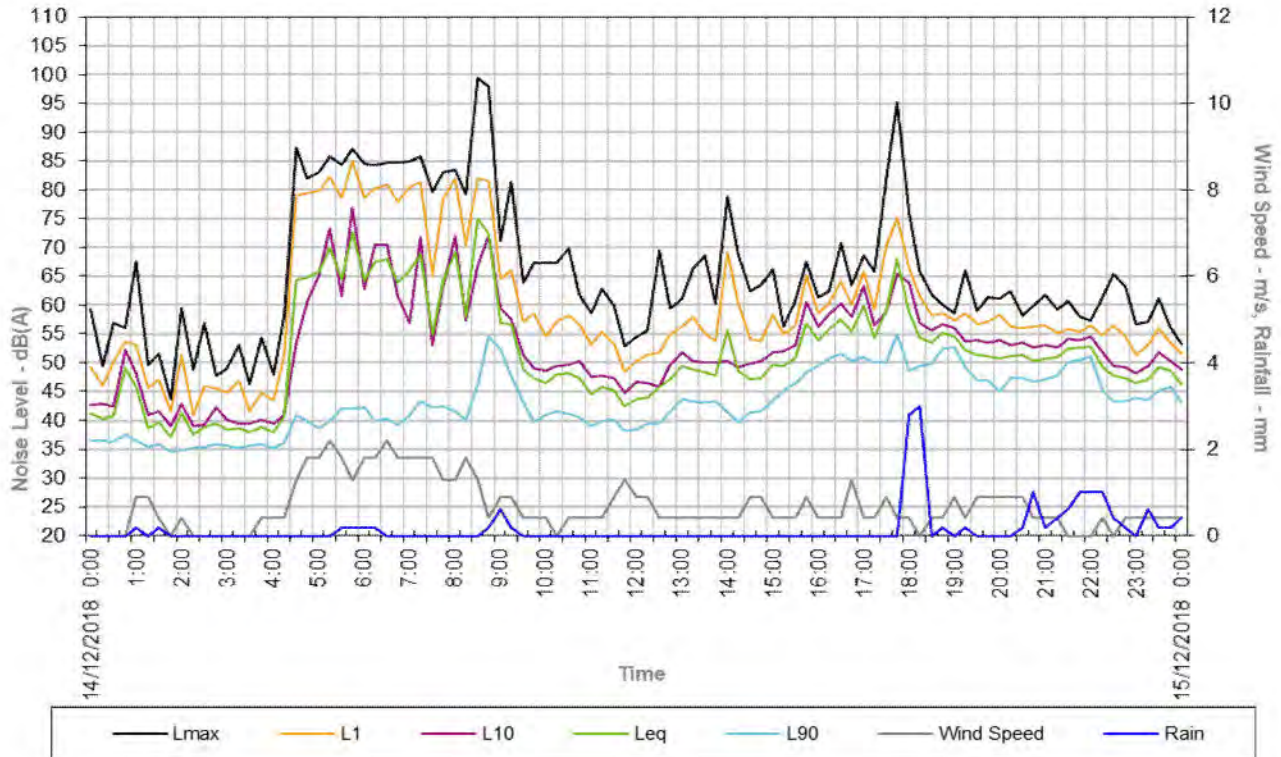
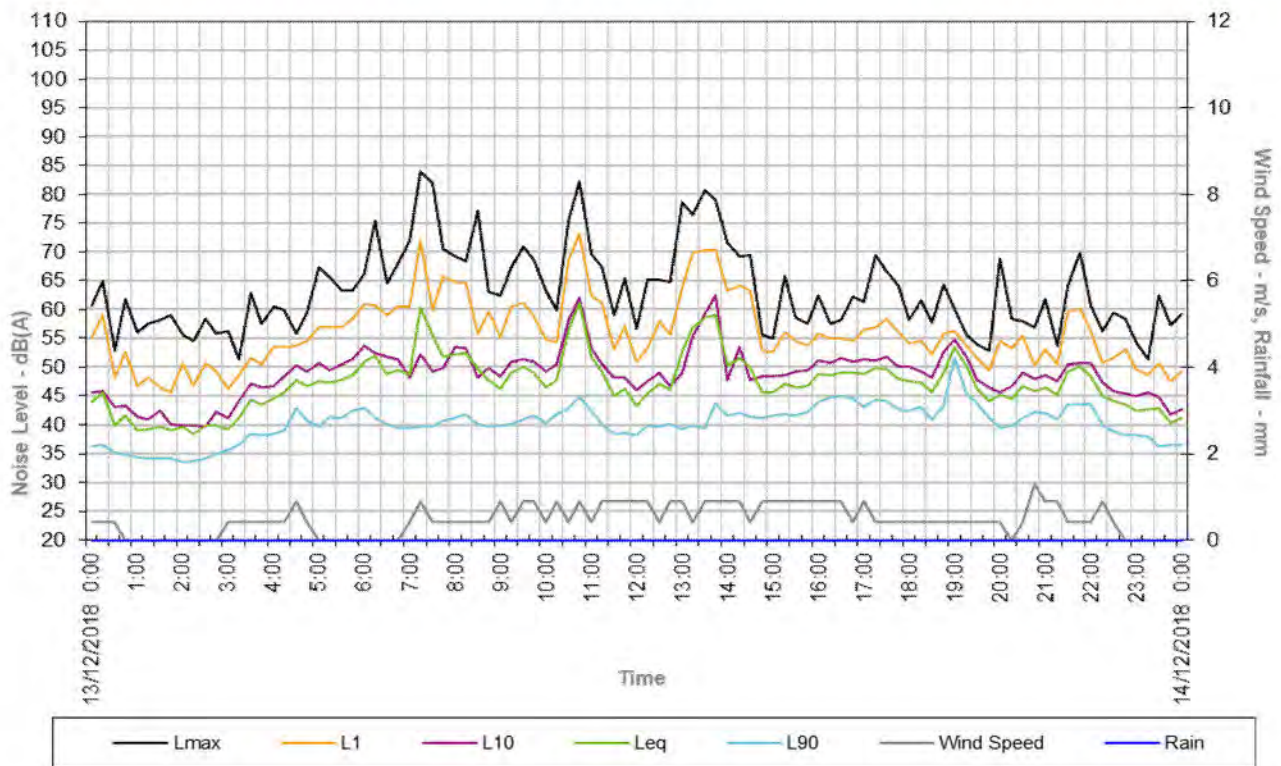
Site Noise and Weather Graphical Analysis

25 McShane Drive



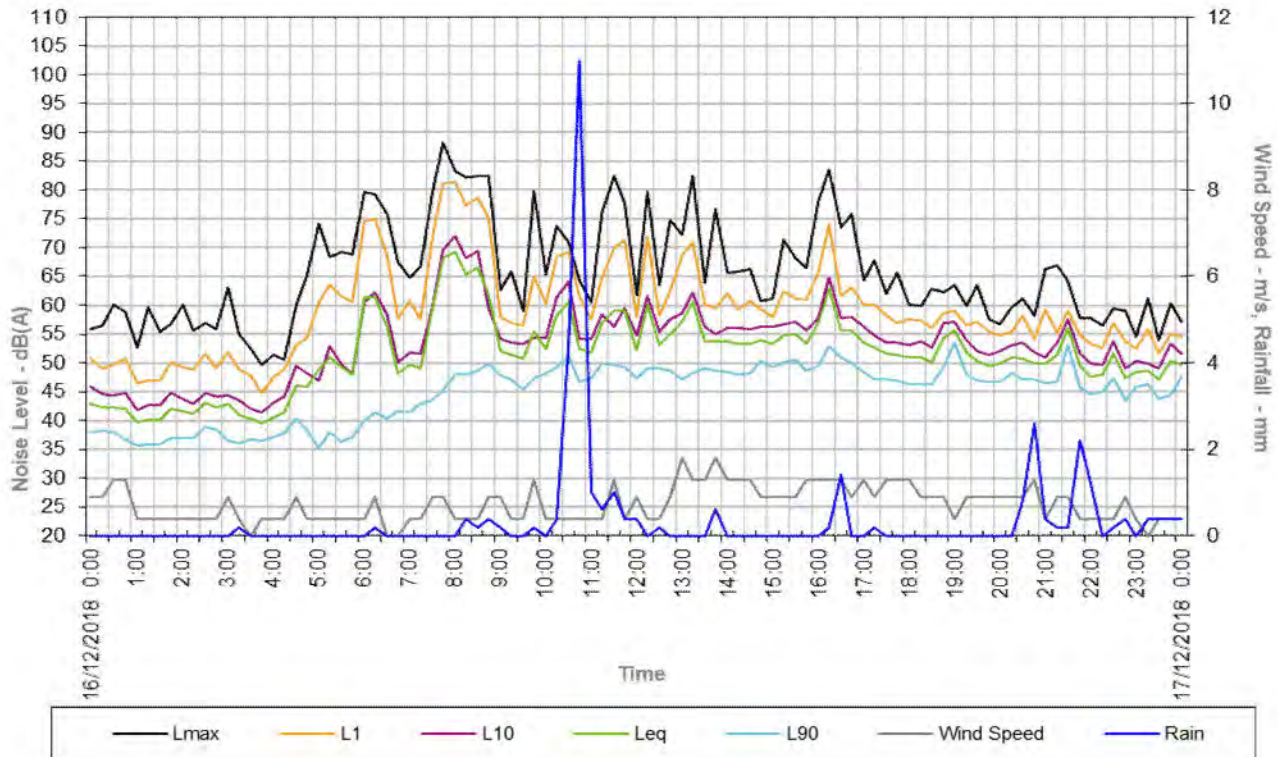
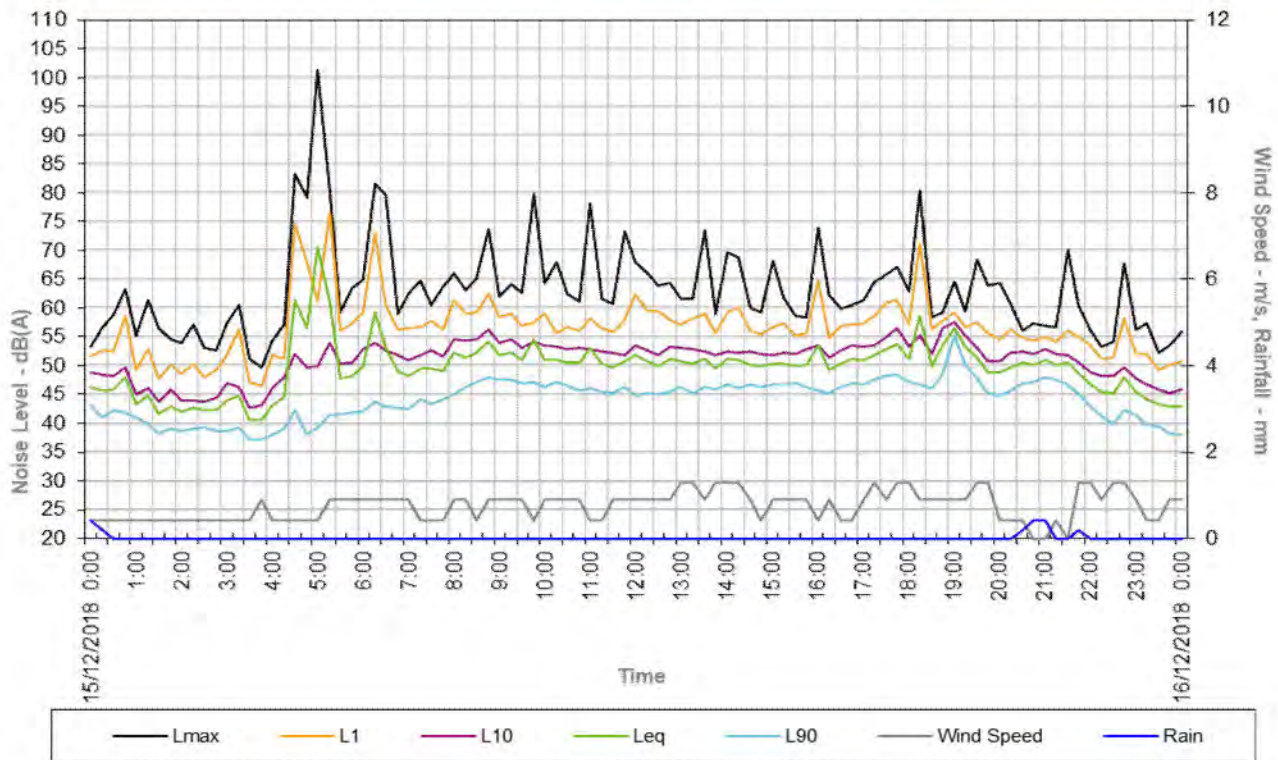
Site Noise and Weather Graphical Analysis

25 McShane Drive



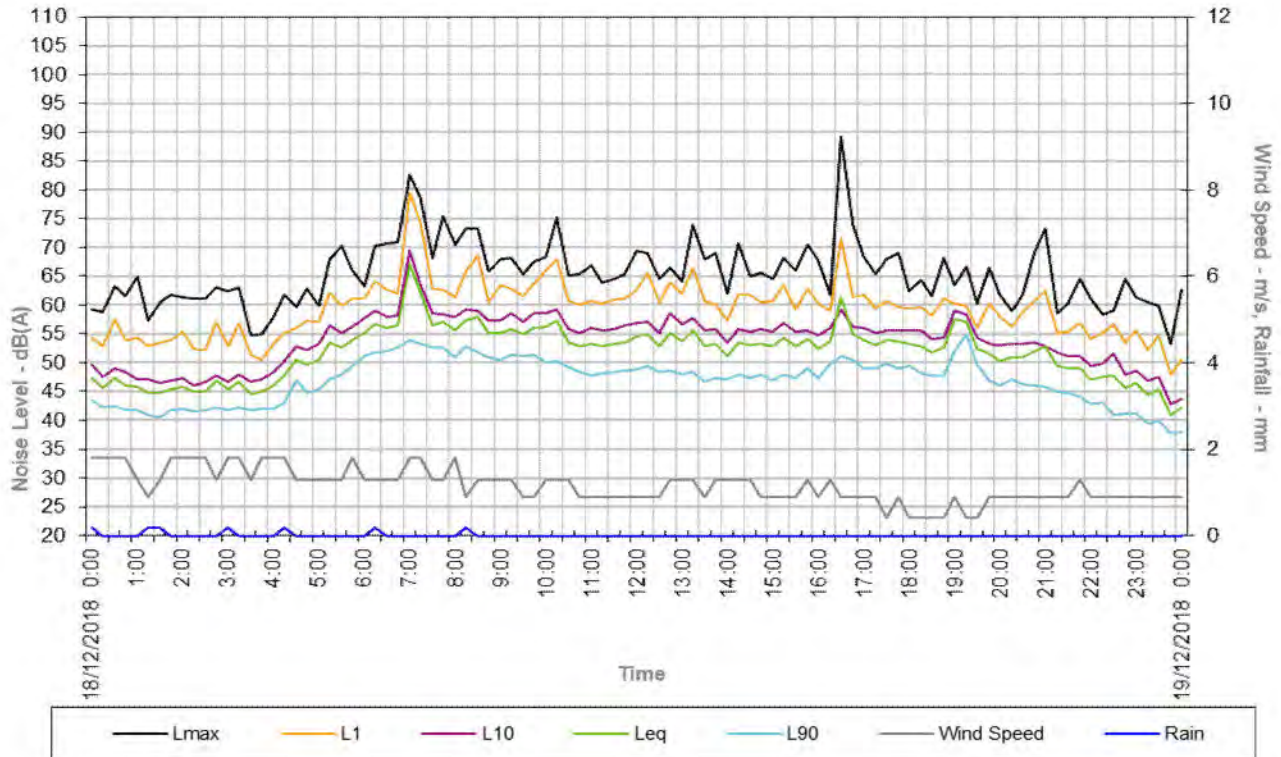
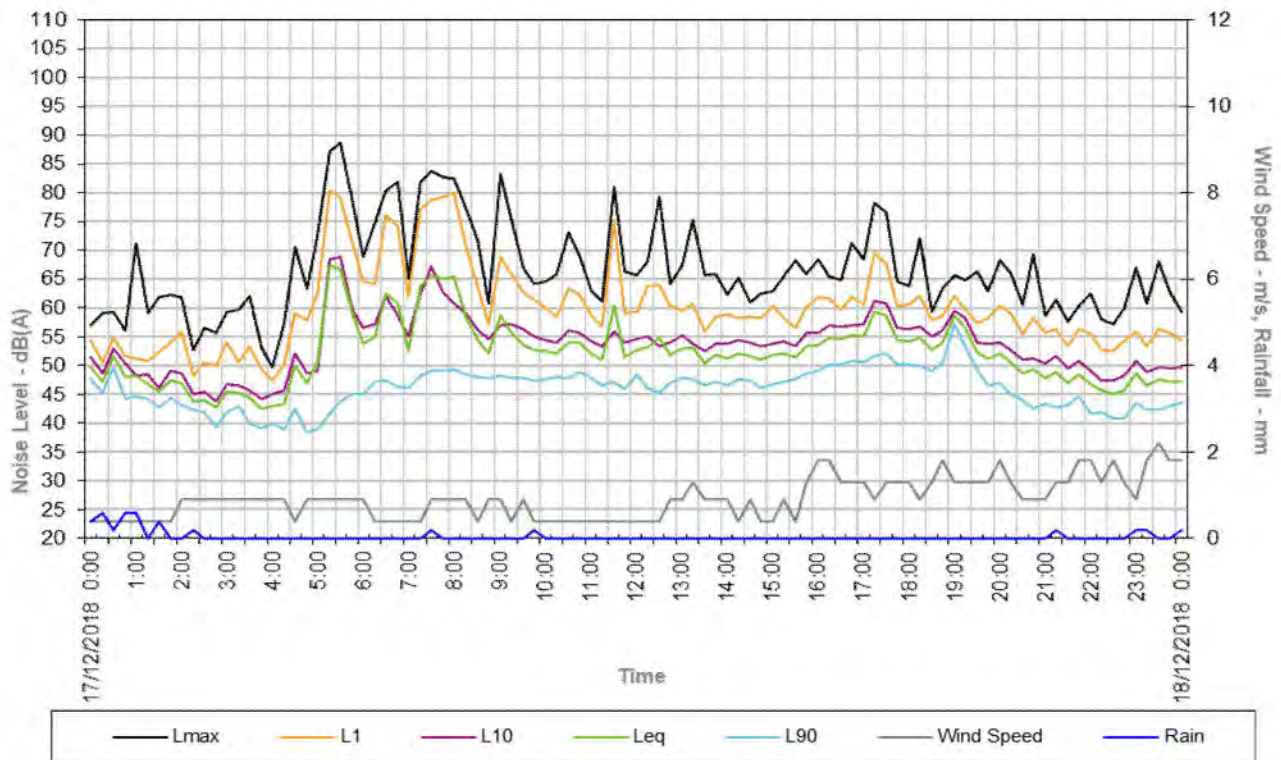
Site Noise and Weather Graphical Analysis

25 McShane Drive



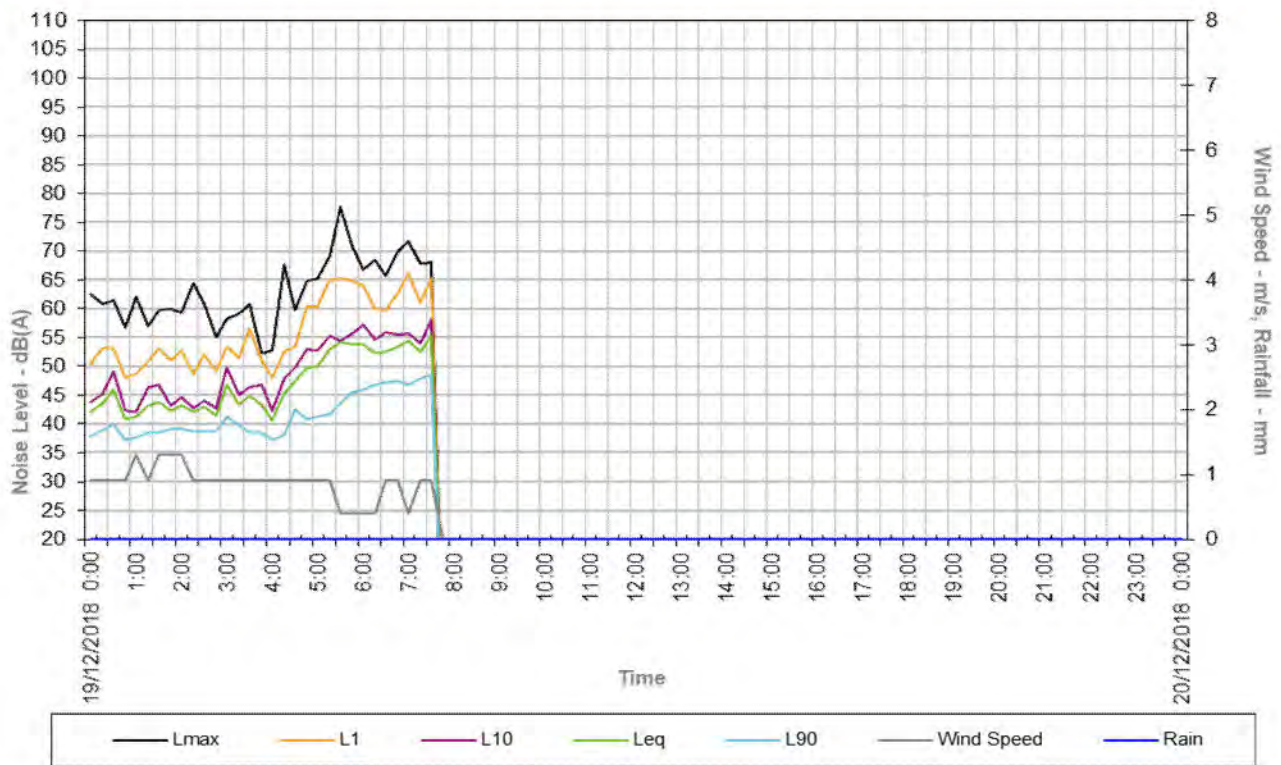
Site Noise and Weather Graphical Analysis

25 McShane Drive



Site Noise and Weather Graphical Analysis

25 McShane Drive



Logged Noise and Weather Data													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)	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)
11/12/2018	9:30	54	68	61	56	52	0.0	0.9	4.0	113	23	62	713	12/12/2018	3:00	42	56	53	44	38	0.0	0.9	3.1	90	17	92	711
11/12/2018	9:45	53	71	57	54	52	0.0	0.9	3.1	113	24	60	713	12/12/2018	3:15	45	59	53	48	38	0.0	0.9	2.7	90	17	92	711
11/12/2018	10:00	54	68	58	55	52	0.0	0.9	3.1	135	23	61	713	12/12/2018	3:30	42	63	53	43	37	0.0	0.4	2.2	90	17	93	711
11/12/2018	10:15	54	66	58	56	51	0.0	0.9	4.0	90	23	58	713	12/12/2018	3:45	42	55	49	45	36	0.0	0.4	1.8	90	17	93	711
11/12/2018	10:30	53	67	62	55	47	0.0	0.9	5.4	90	24	54	713	12/12/2018	4:00	41	57	50	43	35	0.0	0.4	2.7	113	17	93	711
11/12/2018	10:45	51	63	60	54	45	0.0	1.8	4.9	113	25	54	713	12/12/2018	4:15	44	64	52	46	37	0.0	0.4	0.9	90	17	93	711
11/12/2018	11:00	51	64	61	54	46	0.0	0.9	4.5	90	25	53	713	12/12/2018	4:30	46	59	55	48	40	0.0	0.4	1.8	90	17	94	711
11/12/2018	11:15	52	66	56	56	46	0.0	1.8	4.0	135	25	51	713	12/12/2018	4:45	47	62	56	49	40	0.0	0.4	2.7	90	17	94	711
11/12/2018	11:30	56	65	61	57	54	0.0	0.9	3.8	90	25	50	713	12/12/2018	5:00	46	60	54	48	39	0.0	0.9	2.2	90	17	94	711
11/12/2018	11:45	51	60	57	55	45	0.0	1.3	4.9	90	26	48	713	12/12/2018	5:15	47	62	56	51	40	0.0	0.9	2.7	90	17	94	711
11/12/2018	12:00	50	62	58	53	46	0.0	1.3	4.0	90	26	47	713	12/12/2018	5:30	49	61	58	52	44	0.0	0.4	3.1	90	17	94	711
11/12/2018	12:15	52	72	58	53	47	0.0	1.3	4.9	90	26	48	712	12/12/2018	5:45	53	70	63	55	45	0.0	0.9	2.7	90	17	94	711
11/12/2018	12:30	53	69	62	55	47	0.0	1.8	4.0	90	26	47	712	12/12/2018	6:00	53	72	62	56	48	0.0	0.9	3.1	90	17	94	711
11/12/2018	12:45	52	65	61	54	46	0.0	1.3	4.5	113	27	46	712	12/12/2018	6:15	53	64	59	55	49	0.0	1.3	3.6	90	17	94	711
11/12/2018	13:00	52	71	59	54	46	0.0	1.3	5.4	113	27	45	712	12/12/2018	6:30	55	72	67	57	48	0.0	1.3	3.1	88	17	94	711
11/12/2018	13:15	50	66	56	52	46	0.0	1.3	4.5	90	27	45	712	12/12/2018	6:45	55	66	62	57	50	0.0	1.3	2.7	90	17	94	711
11/12/2018	13:30	53	73	61	55	47	0.0	1.3	4.5	90	27	44	712	12/12/2018	7:00	55	69	65	57	51	0.0	1.3	3.6	88	17	94	712
11/12/2018	13:45	54	63	61	57	48	0.0	1.3	5.4	90	28	44	712	12/12/2018	7:15	54	68	60	55	50	0.0	0.9	3.6	90	17	94	712
11/12/2018	14:00	57	70	68	61	49	0.0	2.2	6.7	135	28	42	712	12/12/2018	7:30	54	64	59	56	52	0.0	1.3	2.7	90	18	90	712
11/12/2018	14:15	56	67	66	57	47	0.0	1.6	4.9	113	28	43	711	12/12/2018	7:45	54	64	60	56	50	0.0	1.3	4.9	90	19	83	712
11/12/2018	14:30	52	68	60	54	48	0.0	1.3	4.9	90	28	44	711	12/12/2018	8:00	54	70	64	55	50	0.0	1.3	4.0	90	20	76	712
11/12/2018	14:45	52	61	58	54	48	0.0	1.8	5.4	90	28	43	711	12/12/2018	8:15	55	73	66	56	50	0.0	1.3	6.3	90	21	72	712
11/12/2018	15:00	56	82	70	59	48	0.0	1.3	4.9	113	28	42	711	12/12/2018	8:30	52	67	58	54	48	0.0	1.3	4.0	90	21	72	712
11/12/2018	15:15	53	69	60	56	48	0.0	1.3	5.8	90	28	42	711	12/12/2018	8:45	59	81	71	59	49	0.0	1.3	4.0	90	22	68	712
11/12/2018	15:30	54	66	63	57	49	0.0	1.8	5.4	90	28	43	711	12/12/2018	9:00	53	67	60	54	48	0.0	1.3	4.5	90	22	67	712
11/12/2018	15:45	53	62	58	55	49	0.0	1.3	4.0	90	28	42	711	12/12/2018	9:15	52	66	59	54	48	0.0	1.3	4.5	113	22	65	712
11/12/2018	16:00	56	71	67	57	48	0.0	1.3	5.8	90	28	43	711	12/12/2018	9:30	53	67	63	55	48	0.0	1.3	3.6	135	23	61	712
11/12/2018	16:15	54	67	61	56	49	0.0	1.8	4.9	113	28	43	711	12/12/2018	9:45	51	62	57	54	47	0.0	1.3	5.8	113	23	61	712
11/12/2018	16:30	53	62	58	55	49	0.0	1.3	5.4	90	27	44	711	12/12/2018	10:00	55	71	66	57	47	0.0	1.3	4.9	90	24	58	712
11/12/2018	16:45	54	63	61	56	49	0.0	1.3	3.6	90	27	45	711	12/12/2018	10:15	52	70	62	54	46	0.0	1.8	4.0	113	24	55	712
11/12/2018	17:00	54	76	56	55	49	0.0	1.3	4.5	113	27	47	711	12/12/2018	10:30	58	70	64	62	47	0.0	1.3	4.0	135	24	55	712
11/12/2018	17:15	54	64	56	57	49	0.0	1.3	4.0	135	27	48	711	12/12/2018	10:45	57	71	63	59	50	0.0	0.9	4.5	113	25	55	711
11/12/2018	17:30	54	67	62	56	50	0.0	1.3	6.3	88	26	50	711	12/12/2018	11:00	53	66	64	56	46	0.0	1.3	5.4	90	25	53	711
11/12/2018	17:45	54	65	59	56	50	0.0	1.3	3.6	90	26	52	711	12/12/2018	11:15	50	66	59	52	45	0.0	1.3	3.6	113	26	52	711
11/12/2018	18:00	54	68	61	55	49	0.0	0.9	2.7	90	25	54	711	12/12/2018	11:30	49	63	56	52	46	0.0	1.8	3.6	113	26	51	711
11/12/2018	18:15	53	65	59	55	48	0.0	0.9	3.6	88	24	56	711	12/12/2018	11:45	51	72	59	53	45	0.0	1.3	4.0	90	26	50	711
11/12/2018	18:30	53	68	60	55	49	0.0	0.9	3.1	88	24	58	711	12/12/2018	12:00	56	71	64	60	48	0.0	1.8	4.9	90	27	49	711
11/12/2018	18:45	54	72	62	55	49	0.0	0.9	4.5	90	23	61	712	12/12/2018	12:15	61	66	64	63	58	0.0	1.3	3.6	113	27	48	710
11/12/2018	19:00	57	62	60	58	56	0.0	0.9	3.1	90	23	62	712	12/12/2018	12:30	61	66	64	62	58	0.0	1.8	5.4	113	28	46	710
11/12/2018	19:15	55	63	59	57	51	0.0	0.9	5.4	113	22	64	712	12/12/2018	12:45	61	66	64	63	58	0.0	1.3	4.0	113	28	45	710
11/12/2018	19:30	51	71	57	53	48	0.0	0.9	3.6	90	22	65	712	12/12/2018	13:00	67	82	76	70	59	0.0	1.3	4.0	90	28	46	710
11/12/2018	19:45	51	62	57	53	47	0.0	0.9	3.1	90	21	66	712	12/12/2018	13:15	70	83	82	74	59	0.0	1.3	6.3	113	28	45	710
11/12/2018	20:00	51	61	57	54	47	0.0	0.9	2.7	90	21	66	712	12/12/2018	13:30	61	66	65	63	59	0.0	1.3	4.9	90	28	45	710
11/12/2018	20:15	49	58	54	51	45	0.0	0.4	2.7	90	21	68	713	12/12/2018	13:45	61	67	65	63	53	0.0	1.3	5.4	135	29	44	709
11/12/2018	20:30	50	60	57	53	46	0.0	0.9	5.8	135	20	69	713	12/12/2018	14:00	58	73	67	63	52	0.0	1.3	5.8	113	29	44	709
11/12/2018	20:45	50	63	57	53	46	0.0	0.9	4.0	90	20	71	713	12/12/2018	14:15	54	70	62	56	48	0.0	1.3	5.4	113	29	43	709
11/12/2018	21:00	50	61	58	54	45	0.0	0.9	5.8	90	20	74	713	12/12/2018	14:30	52	65	59	54	48	0.0	1.8	5.4	135	29	43	709
11/12/2018	21:15	51	64	58	53	46	0.0	0.9	2.7	90	19	76	713	12/12/2018	14:45	53	61	59	55	49	0.0	1.3	5.4	113	29	42	709
11/12/2018	21:30	50	60	56	52	45	0.0	0.9	2.7	90	19	78	713	12/12/2018	15:00	53	66	59	56	48	0.0	1.8	4.9	113	29	43	709
11/12/2018	21:45	48	62	55	51	44	0.0	0.9	2.2	88	19	79	713	12/12/2018	15:15	65	87	75	70	49	0.0	1.8	5.8	113	29	43	709
11/12/2018	22:00	47	57	53	49	42	0.0	0.9	2.7	90	19	81	713	12/12/2018	15:30	71	84	77	74	58	0.0	1.3	5.4	90	29	42	709
11/12/2018	22:15	49	67	57	52	43	0.0	0.4	2.7	90	19	82	713	12/12/2018	15:45												

Logged Noise and Weather Data														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)	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)
12/12/2018	20:30	51	75	55	52	47	0.0	1.3	6.7	113	21	72	710	13/12/2018	14:00	50	72	63	48	42	0.0	0.9	2.7	90	32	36	705
12/12/2018	20:45	51	59	56	53	47	0.0	1.3	6.3	90	20	74	710	13/12/2018	14:15	52	69	64	53	42	0.0	0.9	2.7	0	32	36	705
12/12/2018	21:00	51	65	58	53	46	0.0	0.9	6.3	90	20	76	710	13/12/2018	14:30	50	69	63	48	41	0.0	0.4	2.7	0	32	37	705
12/12/2018	21:15	51	63	57	53	46	0.0	0.9	4.9	113	20	78	710	13/12/2018	14:45	46	56	53	48	41	0.0	0.9	3.1	338	32	34	704
12/12/2018	21:30	51	64	58	54	45	0.0	0.9	3.1	90	20	80	710	13/12/2018	15:00	46	55	53	49	42	0.0	0.9	3.1	135	33	34	704
12/12/2018	21:45	56	75	70	55	46	0.0	0.9	4.0	90	19	80	710	13/12/2018	15:15	47	66	56	49	42	0.0	0.9	3.6	0	33	32	704
12/12/2018	22:00	48	59	55	51	42	0.0	0.9	3.1	90	19	82	710	13/12/2018	15:30	47	59	55	49	42	0.0	0.9	4.5	23	33	34	704
12/12/2018	22:15	45	53	50	47	41	0.0	0.9	3.1	90	19	83	710	13/12/2018	15:45	47	57	54	49	42	0.0	0.9	2.2	23	32	35	704
12/12/2018	22:30	47	62	55	49	41	0.0	0.9	3.1	113	19	84	710	13/12/2018	16:00	49	62	56	51	44	0.0	0.9	2.7	0	32	36	704
12/12/2018	22:45	47	65	57	48	39	0.0	0.4	2.2	113	19	85	710	13/12/2018	16:15	49	57	55	51	45	0.0	0.9	3.1	0	31	38	704
12/12/2018	23:00	45	55	52	48	39	0.0	0.4	2.2	113	19	85	710	13/12/2018	16:30	49	58	55	52	45	0.0	0.9	2.7	68	30	41	704
12/12/2018	23:15	46	55	53	50	40	0.0	0.4	2.7	135	18	86	710	13/12/2018	16:45	49	62	55	51	45	0.0	0.4	2.7	135	29	41	704
12/12/2018	23:30	43	60	53	46	36	0.0	0.4	2.2	113	18	86	710	13/12/2018	17:00	49	61	56	51	43	0.0	0.9	2.7	23	28	43	704
12/12/2018	23:45	43	54	50	46	37	0.0	0.4	2.2	90	18	86	710	13/12/2018	17:15	50	70	57	51	44	0.0	0.4	2.2	23	28	45	705
13/12/2018	0:00	44	61	55	46	36	0.0	0.4	1.8	90	18	86	710	13/12/2018	17:30	50	67	58	52	44	0.0	0.4	2.7	23	27	46	705
13/12/2018	0:15	46	65	59	46	37	0.0	0.4	2.2	90	18	86	709	13/12/2018	17:45	48	64	56	50	43	0.0	0.4	2.2	23	27	47	705
13/12/2018	0:30	40	53	48	43	35	0.0	0.4	0.9	90	18	87	709	13/12/2018	18:00	48	58	54	50	43	0.0	0.4	2.7	45	26	48	705
13/12/2018	0:45	42	62	53	43	35	0.0	0.0	1.3	90	18	87	709	13/12/2018	18:15	47	62	55	49	43	0.0	0.4	2.7	0	26	49	706
13/12/2018	1:00	39	56	47	41	34	0.0	0.0	0.9	90	18	87	709	13/12/2018	18:30	46	58	52	48	41	0.0	0.4	2.2	338	26	51	706
13/12/2018	1:15	39	57	48	41	34	0.0	0.0	0.4	90	18	87	709	13/12/2018	18:45	49	64	56	53	43	0.0	0.4	2.7	0	26	53	706
13/12/2018	1:30	40	58	47	43	34	0.0	0.0	0.4	90	18	87	709	13/12/2018	19:00	54	60	56	55	52	0.0	0.4	1.8	23	25	54	706
13/12/2018	1:45	39	59	48	40	34	0.0	0.0	0.9	90	18	87	709	13/12/2018	19:15	50	56	54	52	45	0.0	0.4	3.1	90	25	56	706
13/12/2018	2:00	40	56	51	40	34	0.0	0.0	0.4	90	18	87	709	13/12/2018	19:30	48	54	52	48	44	0.0	0.4	2.2	90	25	57	706
13/12/2018	2:15	39	55	47	40	34	0.0	0.0	0.9	90	18	87	709	13/12/2018	19:45	44	53	50	46	41	0.0	0.4	1.3	23	25	58	706
13/12/2018	2:30	40	58	51	40	34	0.0	0.0	0.4	90	18	87	709	13/12/2018	20:00	45	69	55	46	40	0.0	0.4	1.8	23	25	58	706
13/12/2018	2:45	40	56	49	42	35	0.0	0.0	0.4	90	18	87	708	13/12/2018	20:15	45	58	53	47	40	0.0	0.0	1.8	0	24	57	706
13/12/2018	3:00	39	56	46	41	36	0.0	0.4	1.3	90	18	88	708	13/12/2018	20:30	47	58	56	49	41	0.0	0.4	2.2	23	24	57	706
13/12/2018	3:15	41	51	49	44	36	0.0	0.4	1.3	90	18	89	708	13/12/2018	20:45	46	57	50	48	42	0.0	1.3	4.9	225	24	70	707
13/12/2018	3:30	44	63	52	47	38	0.0	0.4	1.3	90	17	89	708	13/12/2018	21:00	46	62	53	49	42	0.0	0.9	3.1	225	23	75	707
13/12/2018	3:45	43	58	51	47	38	0.0	0.4	1.3	90	17	90	708	13/12/2018	21:15	45	54	51	48	41	0.0	0.9	2.2	248	22	78	706
13/12/2018	4:00	45	61	53	47	39	0.0	0.4	1.8	90	17	90	708	13/12/2018	21:30	49	64	60	51	44	0.0	0.4	1.3	248	22	78	706
13/12/2018	4:15	46	60	54	48	39	0.0	0.4	3.1	90	17	91	708	13/12/2018	21:45	50	70	60	51	44	0.0	0.4	1.8	225	22	78	705
13/12/2018	4:30	48	56	54	50	43	0.0	0.9	2.2	90	17	91	708	13/12/2018	22:00	48	61	56	51	44	0.0	0.4	3.1	90	21	78	705
13/12/2018	4:45	47	59	55	49	41	0.0	0.4	1.3	90	17	92	708	13/12/2018	22:15	45	56	51	47	40	0.0	0.9	2.7	113	21	79	705
13/12/2018	5:00	48	67	57	51	40	0.0	0.0	1.3	90	17	92	708	13/12/2018	22:30	44	60	52	46	39	0.0	0.4	2.2	135	21	81	706
13/12/2018	5:15	47	66	57	50	41	0.0	0.0	0.4	90	17	92	709	13/12/2018	22:45	44	58	53	46	38	0.0	0.0	0.9	113	21	82	706
13/12/2018	5:30	48	63	57	51	41	0.0	0.0	0.4	90	17	92	709	13/12/2018	23:00	42	54	50	45	38	0.0	0.0	0.9	68	21	82	706
13/12/2018	5:45	49	63	58	51	43	0.0	0.0	0.9	90	17	92	709	13/12/2018	23:15	43	51	49	46	38	0.0	0.0	0.9	68	21	82	706
13/12/2018	6:00	51	66	61	54	43	0.0	0.0	0.9	90	18	91	709	13/12/2018	23:30	43	62	51	45	36	0.0	0.0	0.9	68	21	83	706
13/12/2018	6:15	52	75	61	52	41	0.0	0.0	0.4	90	18	90	709	13/12/2018	23:45	40	57	48	42	37	0.0	0.0	0.9	68	21	84	706
13/12/2018	6:30	49	65	56	52	40	0.0	0.0	0.4	90	18	89	709	14/12/2018	0:00	41	59	49	43	36	0.0	0.0	0.9	68	21	84	706
13/12/2018	6:45	49	68	61	51	39	0.0	0.0	1.3	90	18	86	709	14/12/2018	0:15	40	50	46	43	36	0.0	0.0	0.4	68	21	84	706
13/12/2018	7:00	49	72	61	48	39	0.0	0.4	1.8	90	19	81	709	14/12/2018	0:30	41	57	50	42	36	0.0	0.0	0.9	68	21	84	706
13/12/2018	7:15	60	84	72	52	40	0.0	0.6	3.6	338	20	77	709	14/12/2018	0:45	49	56	54	52	38	0.0	0.0	0.9	68	21	85	705
13/12/2018	7:30	56	82	60	49	40	0.0	0.4	1.8	315	20	75	709	14/12/2018	1:00	46	67	53	48	36	0.2	0.9	2.7	68	20	86	705
13/12/2018	7:45	52	71	66	50	41	0.0	0.4	2.2	0	21	72	709	14/12/2018	1:15	39	50	46	41	35	0.0	0.9	4.9	68	20	89	705
13/12/2018	8:00	52	69	65	54	41	0.0	0.4	2.2	338	21	70	709	14/12/2018	1:30	40	52	47	42	36	0.2	0.4	1.8	113	20	89	705
13/12/2018	8:15	53	68	65	53	42	0.0	0.4	2.7	0	22	67	709	14/12/2018	1:45	37	44	42	39	35	0.0	0.0	0.9	113	20	89	705
13/12/2018	8:30	50	77	56	48	40	0.0	0.4	2.7	0	22	68	709	14/12/2018	2:00	41	59	51	43	35	0.0	0.4	1.8	90	20	88	705
13/12/2018	8:45	48	63	60	50	40	0.0	0.4	2.7	0	22	65	709	14/12/2018	2:15	38	49	41	39	35	0.0	0.0	2.2	225	20	87	705
13/12/2018	9:00	46	62	55	49	40	0.0	0.9	2.7	0	23	63	709	14/12/2018	2:30	39	57	48	39	36	0.0	0.0	1.3	248	20	87	705
13/12/2018	9:15	49	67	61	51	40	0.0	0.4	2.7	90	23	61</															

Logged Noise and Weather Data													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)	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)
14/12/2018	7:30	55	80	65	53	42	0.0	1.8	3.6	293	19	92	706	15/12/2018	1:00	43	55	49	45	41	0.0	0.4	1.3	90	18	94	706
14/12/2018	7:45	64	83	78	63	43	0.0	1.3	2.7	270	19	91	706	15/12/2018	1:15	45	61	53	46	40	0.0	0.4	1.3	90	18	94	706
14/12/2018	8:00	69	83	82	72	42	0.0	1.3	3.6	270	19	90	705	15/12/2018	1:30	42	56	48	44	38	0.0	0.4	1.3	90	19	94	706
14/12/2018	8:15	58	79	71	57	40	0.0	1.8	4.9	293	19	90	706	15/12/2018	1:45	43	55	50	46	39	0.0	0.4	2.2	90	19	95	706
14/12/2018	8:30	75	99	82	67	46	0.0	1.3	4.9	270	20	89	706	15/12/2018	2:00	42	54	49	44	39	0.0	0.4	0.9	113	19	95	706
14/12/2018	8:45	72	98	82	72	55	0.2	0.4	2.2	90	20	85	706	15/12/2018	2:15	43	57	50	44	39	0.0	0.4	1.8	113	19	95	705
14/12/2018	9:00	57	71	65	59	52	0.6	0.9	1.8	90	19	87	705	15/12/2018	2:30	42	53	48	44	39	0.0	0.4	0.9	113	19	95	705
14/12/2018	9:15	57	81	66	58	48	0.2	0.9	1.8	90	19	90	705	15/12/2018	2:45	42	53	49	44	39	0.0	0.4	2.2	113	19	95	705
14/12/2018	9:30	49	84	57	51	43	0.0	0.4	1.8	225	20	89	706	15/12/2018	3:00	44	57	52	47	39	0.0	0.4	1.8	113	19	95	706
14/12/2018	9:45	47	67	59	49	40	0.0	0.4	1.8	113	20	87	706	15/12/2018	3:15	45	61	56	46	39	0.0	0.4	1.8	113	19	95	706
14/12/2018	10:00	47	67	55	49	41	0.0	0.4	1.8	315	21	83	706	15/12/2018	3:30	40	51	47	43	37	0.0	0.4	2.2	113	19	95	706
14/12/2018	10:15	48	67	57	50	42	0.0	0.0	1.8	315	23	81	706	15/12/2018	3:45	41	50	47	43	37	0.0	0.9	2.2	68	19	95	706
14/12/2018	10:30	48	70	58	50	41	0.0	0.4	2.2	135	24	74	705	15/12/2018	4:00	43	54	52	46	38	0.0	0.4	1.8	90	18	95	706
14/12/2018	10:45	47	62	57	50	41	0.0	0.4	1.8	113	24	73	705	15/12/2018	4:15	45	57	51	48	39	0.0	0.4	2.2	90	18	95	706
14/12/2018	11:00	45	59	53	48	39	0.0	0.4	2.2	23	25	69	705	15/12/2018	4:30	61	83	75	52	42	0.0	0.4	2.2	90	18	95	706
14/12/2018	11:15	46	63	56	48	40	0.0	0.4	2.2	23	26	66	705	15/12/2018	4:45	57	79	68	50	38	0.0	0.4	2.7	90	18	95	707
14/12/2018	11:30	45	60	53	47	40	0.0	0.9	2.7	23	27	64	705	15/12/2018	5:00	70	101	61	50	39	0.0	0.4	2.2	113	18	95	707
14/12/2018	11:45	42	53	48	45	38	0.0	1.3	3.6	23	28	61	705	15/12/2018	5:15	61	81	77	54	41	0.0	0.9	3.6	90	18	95	707
14/12/2018	12:00	44	55	50	47	39	0.0	0.9	3.1	0	29	60	705	15/12/2018	5:30	48	59	56	50	42	0.0	0.9	2.2	90	18	95	707
14/12/2018	12:15	44	56	51	46	40	0.0	0.9	3.1	23	30	59	705	15/12/2018	5:45	48	63	57	51	42	0.0	0.9	2.7	90	18	95	708
14/12/2018	12:30	46	69	52	46	39	0.0	0.4	3.1	23	29	57	705	15/12/2018	6:00	50	65	59	53	42	0.0	0.9	2.2	68	18	95	708
14/12/2018	12:45	47	59	55	50	42	0.0	0.4	2.2	338	30	57	704	15/12/2018	6:15	59	82	73	54	44	0.0	0.9	2.7	90	18	95	708
14/12/2018	13:00	49	61	56	52	44	0.0	0.4	3.1	135	29	60	704	15/12/2018	6:30	53	80	61	53	43	0.0	0.9	2.2	90	18	95	708
14/12/2018	13:15	49	66	58	50	43	0.0	0.4	3.1	135	28	60	704	15/12/2018	6:45	49	59	56	52	43	0.0	0.9	4.0	90	18	95	708
14/12/2018	13:30	48	69	55	50	43	0.0	0.4	2.2	0	28	60	704	15/12/2018	7:00	48	62	57	51	42	0.0	0.9	3.1	90	18	95	708
14/12/2018	13:45	48	80	54	50	43	0.0	0.4	3.6	113	28	60	704	15/12/2018	7:15	49	65	57	52	44	0.0	0.4	1.8	68	19	95	708
14/12/2018	14:00	56	79	69	50	41	0.0	0.4	2.2	113	29	58	704	15/12/2018	7:30	49	61	58	53	43	0.0	0.4	1.8	90	19	95	708
14/12/2018	14:15	49	69	60	49	40	0.0	0.4	2.7	113	29	58	704	15/12/2018	7:45	49	64	56	52	44	0.0	0.4	3.1	113	19	95	708
14/12/2018	14:30	47	62	54	50	41	0.0	0.9	3.1	113	29	52	704	15/12/2018	8:00	52	66	61	55	45	0.0	0.9	1.8	90	20	95	708
14/12/2018	14:45	47	64	54	50	42	0.0	0.9	3.1	113	31	48	703	15/12/2018	8:15	51	63	59	54	46	0.0	0.9	2.7	90	20	95	709
14/12/2018	15:00	50	66	58	52	44	0.0	0.4	2.2	45	31	48	703	15/12/2018	8:30	52	65	59	55	47	0.0	0.4	3.1	90	20	95	708
14/12/2018	15:15	50	56	55	52	45	0.0	0.4	2.7	113	31	52	703	15/12/2018	8:45	54	74	63	56	48	0.0	0.9	2.7	90	21	95	708
14/12/2018	15:30	51	61	56	53	47	0.0	0.4	2.2	135	29	57	703	15/12/2018	9:00	52	62	58	54	48	0.0	0.9	3.1	90	21	94	708
14/12/2018	15:45	57	68	65	61	48	0.0	0.9	2.2	113	28	61	703	15/12/2018	9:15	52	64	59	55	48	0.0	0.9	2.7	90	22	91	708
14/12/2018	16:00	54	61	59	56	50	0.0	0.4	2.7	90	27	64	703	15/12/2018	9:30	51	63	57	53	47	0.0	0.9	2.2	90	22	89	708
14/12/2018	16:15	56	62	60	58	51	0.0	0.4	1.8	113	26	68	703	15/12/2018	9:45	54	80	58	54	47	0.0	0.4	2.2	68	23	87	708
14/12/2018	16:30	56	71	64	60	52	0.0	0.4	2.7	113	26	70	704	15/12/2018	10:00	51	64	59	54	46	0.0	0.9	3.1	68	24	84	709
14/12/2018	16:45	55	63	60	58	50	0.0	1.3	3.6	80	25	73	704	15/12/2018	10:15	51	68	56	53	47	0.0	0.9	2.2	90	24	79	708
14/12/2018	17:00	60	69	66	63	51	0.0	0.4	2.7	90	24	77	705	15/12/2018	10:30	51	62	57	53	47	0.0	0.9	2.7	90	25	74	708
14/12/2018	17:15	54	66	59	57	50	0.0	0.4	2.2	90	23	77	704	15/12/2018	10:45	50	61	56	53	46	0.0	0.9	3.6	90	26	74	708
14/12/2018	17:30	59	82	70	59	50	0.0	0.9	3.1	90	22	79	704	15/12/2018	11:00	53	78	58	53	46	0.0	0.4	3.1	113	26	70	708
14/12/2018	17:45	68	95	75	66	55	0.0	0.4	3.1	68	21	82	706	15/12/2018	11:15	50	62	57	53	46	0.0	0.4	2.7	113	26	69	708
14/12/2018	18:00	59	76	67	64	49	2.8	0.4	1.8	225	21	85	705	15/12/2018	11:30	50	61	56	52	45	0.0	0.9	2.2	90	26	69	708
14/12/2018	18:15	54	66	62	57	50	3.0	0.0	0.9	0	21	87	706	15/12/2018	11:45	51	73	58	52	46	0.0	0.9	2.7	90	26	69	708
14/12/2018	18:30	53	62	58	56	50	0.0	0.4	2.2	23	20	89	706	15/12/2018	12:00	52	66	63	54	45	0.0	0.9	2.7	68	27	67	708
14/12/2018	18:45	55	60	59	57	53	0.2	0.4	1.8	90	20	91	706	15/12/2018	12:15	51	66	60	53	45	0.0	0.9	3.1	90	27	66	708
14/12/2018	19:00	55	59	57	56	53	0.0	0.9	3.1	113	20	92	706	15/12/2018	12:30	50	64	59	52	45	0.0	0.9	3.6	90	28	65	707
14/12/2018	19:15	52	66	59	54	49	0.2	0.4	3.6	135	20	93	706	15/12/2018	12:45	51	64	58	53	46	0.0	0.9	3.1	90	28	62	707
14/12/2018	19:30	51	59	57	54	47	0.0	0.9	3.6	135	20	92	706	15/12/2018	13:00	51	62	57	53	46	0.0	1.3	3.1	68	28	63	707
14/12/2018	19:45	51	61	57	54	47	0.0	0.9	5.4	113	20	92	706	15/12/2018	13:15	50	62	58	53	45	0.0	1.3	3.6	68	28	63	707
14/12/2018	20:00	51	61	58	54	45	0.0	0.9	2.7	90	20	91	706	15/12/2018	13:30	51	74	59	53	46	0.0	0.9	3.1	113	29	61	707
14/12/2018	20:15	51	63	56	53	47	0.0	0.9	3.6	113</																	

Logged Noise and Weather Data														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)	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)
15/12/2018	18.30	50	58	56	52	46	0.0	0.9	2.7	90	25	74	707	16/12/2018	12.00	52	62	58	55	47	0.4	0.9	2.7	135	21	95	709
15/12/2018	18.45	53	59	58	57	48	0.0	0.9	3.1	90	25	75	707	16/12/2018	12.15	60	80	72	62	49	0.0	0.4	2.7	68	21	95	709
15/12/2018	19.00	57	64	59	58	55	0.0	0.9	2.2	68	24	76	708	16/12/2018	12.30	53	64	58	55	49	0.2	0.4	3.1	135	21	95	708
15/12/2018	19.15	53	59	57	55	50	0.0	0.9	3.1	90	24	75	708	16/12/2018	12.45	55	75	62	58	49	0.0	0.9	4.5	113	21	95	708
15/12/2018	19.30	51	58	58	53	48	0.0	1.3	3.6	68	24	74	708	16/12/2018	13.00	57	72	69	59	47	0.0	1.8	7.2	90	21	95	708
15/12/2018	19.45	49	64	56	51	45	0.0	1.3	3.1	68	24	75	708	16/12/2018	13.15	60	82	71	62	46	0.0	1.3	5.4	113	21	95	708
15/12/2018	20.00	49	64	55	51	45	0.0	0.4	2.7	90	23	77	708	16/12/2018	13.30	54	64	60	56	49	0.0	1.3	4.0	113	21	95	708
15/12/2018	20.15	50	61	56	52	46	0.0	0.4	3.6	135	23	79	709	16/12/2018	13.45	54	77	60	55	49	0.6	1.8	5.4	113	21	95	708
15/12/2018	20.30	50	56	55	52	47	0.2	0.4	2.2	113	23	82	709	16/12/2018	14.00	54	66	62	56	48	0.0	1.3	4.9	113	21	95	707
15/12/2018	20.45	50	57	54	52	47	0.4	0.0	2.2	135	23	86	709	16/12/2018	14.15	53	66	59	56	48	0.0	1.3	4.0	68	21	95	707
15/12/2018	21.00	51	57	55	53	48	0.4	0.0	2.2	135	22	88	709	16/12/2018	14.30	53	66	61	56	48	0.0	1.3	6.3	90	21	95	707
15/12/2018	21.15	50	57	54	52	48	0.0	0.4	1.8	135	21	90	709	16/12/2018	14.45	54	61	58	56	50	0.0	0.9	4.0	90	21	95	707
15/12/2018	21.30	51	70	56	52	47	0.0	0.0	1.8	135	21	91	709	16/12/2018	15.00	53	61	58	56	49	0.0	0.9	3.6	68	21	95	707
15/12/2018	21.45	49	60	55	51	45	0.2	1.3	4.5	113	21	91	709	16/12/2018	15.15	55	71	62	57	50	0.0	0.9	3.6	113	21	95	707
15/12/2018	22.00	47	56	54	49	43	0.0	1.3	4.0	113	21	92	709	16/12/2018	15.30	55	68	61	57	51	0.0	0.9	3.1	68	21	95	707
15/12/2018	22.15	46	53	51	48	41	0.0	0.9	3.6	135	21	93	709	16/12/2018	15.45	53	66	61	56	49	0.0	1.3	5.4	90	21	95	707
15/12/2018	22.30	45	54	51	48	40	0.0	1.3	4.9	113	21	93	709	16/12/2018	16.00	57	78	66	58	50	0.0	1.3	3.6	90	21	95	707
15/12/2018	22.45	48	68	58	50	42	0.0	1.3	4.0	113	21	93	709	16/12/2018	16.15	63	83	74	65	53	0.2	1.3	6.3	90	21	95	707
15/12/2018	23.00	45	56	52	48	41	0.0	0.9	4.9	113	21	93	709	16/12/2018	16.30	56	73	62	58	51	1.4	1.3	5.4	90	20	95	707
15/12/2018	23.15	44	57	52	47	40	0.0	0.4	2.2	90	21	94	709	16/12/2018	16.45	56	76	63	58	50	0.0	0.9	5.8	90	20	95	707
15/12/2018	23.30	43	52	49	46	40	0.0	0.4	2.2	135	21	94	709	16/12/2018	17.00	54	64	60	56	48	0.0	1.3	4.0	113	21	95	707
15/12/2018	23.45	43	54	50	45	38	0.0	0.9	4.0	158	21	94	709	16/12/2018	17.15	53	66	60	55	47	0.2	0.9	4.0	113	21	95	708
16/12/2018	0.00	43	56	51	46	38	0.0	0.9	4.0	90	21	94	708	16/12/2018	17.30	52	62	58	54	47	0.0	1.3	4.9	113	20	95	707
16/12/2018	0.15	42	56	49	45	38	0.0	0.9	5.8	90	21	94	708	16/12/2018	17.45	51	66	57	54	47	0.0	1.3	4.9	90	20	95	708
16/12/2018	0.30	42	60	50	44	38	0.0	1.3	4.9	90	21	94	708	16/12/2018	18.00	51	60	58	53	46	0.0	1.3	3.6	113	20	95	708
16/12/2018	0.45	42	58	51	45	37	0.0	1.3	4.9	68	21	94	708	16/12/2018	18.15	51	60	57	54	46	0.0	0.9	4.5	90	20	95	708
16/12/2018	1.00	40	53	46	42	36	0.0	0.4	2.2	90	21	94	708	16/12/2018	18.30	50	63	56	53	46	0.0	0.9	2.2	90	20	96	708
16/12/2018	1.15	40	60	47	43	36	0.0	0.4	2.7	113	21	94	708	16/12/2018	18.45	54	62	59	57	49	0.0	0.9	4.0	90	20	96	708
16/12/2018	1.30	40	55	47	43	36	0.0	0.4	2.2	113	21	94	708	16/12/2018	19.00	56	63	59	57	54	0.0	0.4	3.6	45	20	96	708
16/12/2018	1.45	42	57	50	45	37	0.0	0.4	4.0	135	21	95	708	16/12/2018	19.15	52	60	56	54	48	0.0	0.9	3.6	113	20	95	708
16/12/2018	2.00	42	60	49	44	37	0.0	0.4	3.6	113	21	95	708	16/12/2018	19.30	50	64	57	52	47	0.0	0.9	3.6	113	20	95	708
16/12/2018	2.15	41	56	49	43	37	0.0	0.4	2.7	88	21	95	708	16/12/2018	19.45	50	58	56	51	47	0.0	0.9	4.0	90	20	96	708
16/12/2018	2.30	43	57	52	45	39	0.0	0.4	2.2	90	21	95	708	16/12/2018	20.00	50	57	55	52	47	0.0	0.9	3.6	135	20	95	709
16/12/2018	2.45	42	56	49	44	39	0.0	0.4	2.7	135	21	94	708	16/12/2018	20.15	51	60	56	53	48	0.0	0.9	2.7	90	20	96	709
16/12/2018	3.00	43	63	52	44	37	0.0	0.9	4.9	113	20	95	708	16/12/2018	20.30	51	61	58	54	47	0.6	0.9	4.9	135	20	95	709
16/12/2018	3.15	41	55	49	44	36	0.2	0.4	4.9	90	20	95	708	16/12/2018	20.45	50	58	54	52	47	2.6	1.3	4.9	113	20	95	709
16/12/2018	3.30	40	53	48	42	37	0.0	0.0	1.8	113	20	95	708	16/12/2018	21.00	50	66	59	51	47	0.4	0.4	2.2	113	20	96	709
16/12/2018	3.45	40	50	45	42	37	0.0	0.4	3.1	113	20	95	708	16/12/2018	21.15	51	67	55	54	47	0.2	0.9	3.6	135	20	96	709
16/12/2018	4.00	41	51	48	43	37	0.0	0.4	2.2	113	20	95	708	16/12/2018	21.30	56	64	59	58	53	0.2	0.9	2.7	135	20	96	709
16/12/2018	4.15	41	51	49	44	38	0.0	0.4	3.1	113	20	95	708	16/12/2018	21.45	50	58	55	52	46	2.2	0.4	1.8	68	20	96	709
16/12/2018	4.30	46	60	53	49	40	0.0	0.9	3.6	113	20	95	708	16/12/2018	22.00	47	58	53	50	45	1.2	0.4	3.1	113	20	96	709
16/12/2018	4.45	46	65	54	48	38	0.0	0.4	3.1	113	20	95	708	16/12/2018	22.15	48	56	53	50	45	0.0	0.4	3.6	158	20	96	709
16/12/2018	5.00	49	74	61	47	35	0.0	0.4	2.7	113	20	95	708	16/12/2018	22.30	52	60	57	54	47	0.2	0.4	3.1	135	20	96	709
16/12/2018	5.15	51	68	64	53	38	0.0	0.4	2.2	113	20	95	709	16/12/2018	22.45	47	59	54	49	44	0.4	0.9	3.6	135	20	96	709
16/12/2018	5.30	49	69	62	50	36	0.0	0.4	3.1	113	20	95	709	16/12/2018	23.00	48	55	53	50	46	0.0	0.4	3.1	158	20	96	709
16/12/2018	5.45	48	68	61	48	37	0.0	0.4	3.1	113	20	95	709	16/12/2018	23.15	49	61	56	50	46	0.4	0.0	0.9	158	19	96	709
16/12/2018	6.00	61	80	75	61	40	0.0	0.4	3.1	113	20	95	709	16/12/2018	23.30	47	54	52	49	44	0.4	0.4	1.8	113	19	96	709
16/12/2018	6.15	61	79	75	62	41	0.2	0.9	3.6	113	20	95	709	16/12/2018	23.45	50	60	55	53	44	0.4	0.4	2.2	90	19	96	709
16/12/2018	6.30	56	76	69	58	40	0.0	0.0	1.8	90	21	95	709	17/12/2018	0.00	50	57	55	52	48	0.4	0.4	3.1	90	19	95	708
16/12/2018	6.45	48	67	58	50	42	0.0	0.0	2.2	113	21	95	709	17/12/2018	0.15	47	59	51	49	45	0.6	0.4	2.2	90	19	95	708
16/12/2018	7.00	50	65	61	52	41	0.0	0.4	2.7	135	21	95	709	17/12/2018	0.30	52	59	55	53	50	0.2	0.4	1.8	90	19	96	708
16/12/2018	7.15	49	67																								

Logged Noise and Weather Data													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)	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)
17/12/2018	5:30	67	89	79	69	44	0.0	0.9	4.0	113	18	96	708	17/12/2018	23:00	49	67	56	51	44	0.2	0.9	2.7	135	19	95	710
17/12/2018	5:45	59	79	72	60	45	0.0	0.9	3.1	113	18	96	709	17/12/2018	23:15	46	61	53	49	42	0.2	1.8	5.8	90	19	95	710
17/12/2018	6:00	54	69	65	57	45	0.0	0.9	3.6	90	18	96	709	17/12/2018	23:30	48	68	56	50	42	0.0	2.2	6.7	113	19	95	710
17/12/2018	6:15	55	75	64	57	47	0.0	0.4	2.2	113	18	96	709	17/12/2018	23:45	47	63	56	50	43	0.0	1.8	6.7	90	19	95	709
17/12/2018	6:30	63	80	76	62	47	0.0	0.4	2.2	90	19	96	709	18/12/2018	0:00	47	59	54	50	44	0.2	1.8	6.7	90	19	95	709
17/12/2018	6:45	61	82	74	59	46	0.0	0.4	3.6	113	19	96	709	18/12/2018	0:15	46	59	53	46	42	0.0	1.8	6.3	113	19	95	709
17/12/2018	7:00	53	65	62	55	46	0.0	0.4	1.8	135	19	96	709	18/12/2018	0:30	47	63	58	49	42	0.0	1.8	6.3	90	19	95	709
17/12/2018	7:15	64	82	77	63	48	0.0	0.4	2.2	135	19	96	709	18/12/2018	0:45	46	62	54	48	42	0.0	1.8	5.8	68	19	95	709
17/12/2018	7:30	66	84	79	67	49	0.2	0.9	3.1	135	19	96	710	18/12/2018	1:00	46	65	54	47	42	0.0	1.3	4.0	113	19	96	709
17/12/2018	7:45	65	83	79	63	49	0.0	0.9	3.6	135	19	96	710	18/12/2018	1:15	45	57	53	47	41	0.2	0.9	3.6	90	19	96	709
17/12/2018	8:00	65	83	80	61	49	0.0	0.9	3.6	135	19	96	710	18/12/2018	1:30	45	61	54	46	41	0.2	1.3	6.7	90	19	95	709
17/12/2018	8:15	59	77	71	59	48	0.0	0.9	4.0	113	19	96	710	18/12/2018	1:45	45	62	54	47	42	0.0	1.8	7.8	90	19	95	709
17/12/2018	8:30	54	72	64	56	48	0.0	0.4	3.6	113	19	96	710	18/12/2018	2:00	46	61	56	47	42	0.0	1.8	4.9	90	19	95	709
17/12/2018	8:45	52	61	57	55	48	0.0	0.9	3.1	113	19	96	710	18/12/2018	2:15	45	61	52	46	42	0.0	1.8	5.8	90	18	95	708
17/12/2018	9:00	59	83	69	57	48	0.0	0.9	3.1	113	19	96	710	18/12/2018	2:30	45	61	52	47	42	0.0	1.8	5.4	90	18	96	709
17/12/2018	9:15	56	75	66	57	48	0.0	0.4	3.6	135	19	96	710	18/12/2018	2:45	47	63	57	48	42	0.0	1.3	4.9	90	18	96	709
17/12/2018	9:30	54	67	63	56	48	0.0	0.9	3.1	135	20	96	710	18/12/2018	3:00	45	62	53	47	42	0.2	1.8	4.9	90	18	96	709
17/12/2018	9:45	53	64	61	55	47	0.2	0.4	2.2	113	20	96	710	18/12/2018	3:15	47	63	57	48	42	0.0	1.8	4.9	90	18	95	708
17/12/2018	10:00	52	65	60	55	48	0.0	0.4	2.7	113	20	96	710	18/12/2018	3:30	45	55	51	47	42	0.0	1.3	5.4	90	18	96	709
17/12/2018	10:15	52	66	59	54	48	0.0	0.4	2.2	135	20	96	710	18/12/2018	3:45	45	55	51	47	42	0.0	1.8	4.9	113	18	95	709
17/12/2018	10:30	54	73	63	56	48	0.0	0.4	2.7	135	20	96	709	18/12/2018	4:00	46	58	53	48	42	0.0	1.8	5.4	113	18	96	709
17/12/2018	10:45	54	69	62	56	49	0.0	0.4	2.7	113	20	96	709	18/12/2018	4:15	48	62	55	50	43	0.2	1.8	4.9	90	18	96	709
17/12/2018	11:00	52	63	59	54	48	0.0	0.4	2.2	113	20	96	709	18/12/2018	4:30	51	60	56	53	47	0.0	1.3	4.5	90	18	96	709
17/12/2018	11:15	51	61	57	53	47	0.0	0.4	3.1	113	20	96	709	18/12/2018	4:45	50	63	57	52	45	0.0	1.3	4.0	90	18	96	709
17/12/2018	11:30	60	81	75	56	47	0.0	0.4	2.7	135	20	96	709	18/12/2018	5:00	50	60	57	53	45	0.0	1.3	4.0	68	18	96	709
17/12/2018	11:45	51	66	59	54	46	0.0	0.4	3.1	135	21	96	709	18/12/2018	5:15	54	68	62	56	47	0.0	1.3	3.1	68	18	96	709
17/12/2018	12:00	53	66	59	55	49	0.0	0.4	2.7	135	21	95	709	18/12/2018	5:30	53	70	60	55	48	0.0	1.3	4.0	90	18	96	709
17/12/2018	12:15	53	68	64	55	46	0.0	0.4	2.7	135	21	93	709	18/12/2018	5:45	54	66	61	56	50	0.0	1.8	4.9	113	18	96	710
17/12/2018	12:30	55	79	64	53	45	0.0	0.4	1.8	113	21	92	709	18/12/2018	6:00	55	63	61	58	51	0.0	1.3	6.3	113	19	96	710
17/12/2018	12:45	52	64	60	54	47	0.0	0.9	4.9	113	22	87	709	18/12/2018	6:15	57	70	64	59	52	0.2	1.3	4.9	90	18	96	710
17/12/2018	13:00	53	67	60	55	48	0.0	0.9	3.6	90	23	85	709	18/12/2018	6:30	56	71	63	58	52	0.0	1.3	5.8	113	19	96	710
17/12/2018	13:15	53	75	61	54	48	0.0	1.3	4.9	113	23	84	709	18/12/2018	6:45	56	71	62	58	53	0.0	1.3	3.6	68	19	96	710
17/12/2018	13:30	50	66	56	53	47	0.0	0.9	3.1	113	24	81	708	18/12/2018	7:00	67	83	80	70	54	0.0	1.8	4.5	90	19	96	710
17/12/2018	13:45	52	66	59	54	47	0.0	0.9	3.1	90	24	81	708	18/12/2018	7:15	62	79	74	64	53	0.0	1.8	8.9	90	19	96	710
17/12/2018	14:00	51	62	59	54	47	0.0	0.9	2.7	90	24	78	708	18/12/2018	7:30	57	68	63	59	53	0.0	1.3	4.0	90	19	96	710
17/12/2018	14:15	52	65	58	55	48	0.0	0.4	2.7	113	24	78	708	18/12/2018	7:45	57	75	63	58	53	0.0	1.3	4.9	90	19	96	711
17/12/2018	14:30	52	61	59	54	48	0.0	0.9	3.6	113	25	77	708	18/12/2018	8:00	56	71	61	58	51	0.0	1.8	5.8	113	19	96	711
17/12/2018	14:45	51	63	58	53	46	0.0	0.4	2.7	113	24	79	708	18/12/2018	8:15	57	73	66	59	53	0.2	0.9	4.0	90	19	96	711
17/12/2018	15:00	52	63	60	54	47	0.0	0.4	3.6	113	23	80	708	18/12/2018	8:30	58	73	69	59	52	0.0	1.3	4.9	113	19	96	711
17/12/2018	15:15	52	65	58	54	47	0.0	0.9	2.7	113	23	80	708	18/12/2018	8:45	55	66	61	57	51	0.0	1.3	5.8	90	19	96	711
17/12/2018	15:30	51	68	57	53	48	0.0	0.4	2.7	113	24	75	708	18/12/2018	9:00	55	66	64	57	51	0.0	1.3	5.4	90	20	96	711
17/12/2018	15:45	53	66	60	56	49	0.0	1.3	4.0	90	25	73	708	18/12/2018	9:15	56	68	63	59	51	0.0	1.3	4.0	113	20	96	711
17/12/2018	16:00	54	68	62	56	49	0.0	1.8	5.4	90	25	74	708	18/12/2018	9:30	55	65	62	57	51	0.0	0.9	3.6	90	20	96	711
17/12/2018	16:15	55	65	62	57	50	0.0	1.8	6.3	113	24	79	708	18/12/2018	9:45	56	67	64	59	51	0.0	0.9	2.7	90	20	96	711
17/12/2018	16:30	55	65	60	57	50	0.0	1.3	5.4	113	24	80	708	18/12/2018	10:00	56	66	66	59	50	0.0	1.3	4.0	90	20	96	711
17/12/2018	16:45	55	71	62	57	51	0.0	1.3	4.0	90	23	80	708	18/12/2018	10:15	57	75	68	59	50	0.0	1.3	5.4	90	20	96	711
17/12/2018	17:00	55	69	61	57	51	0.0	1.3	5.8	90	23	81	708	18/12/2018	10:30	53	65	61	56	49	0.0	1.3	5.8	113	20	95	711
17/12/2018	17:15	59	78	70	61	52	0.0	0.9	3.1	90	23	84	708	18/12/2018	10:45	53	66	60	55	48	0.0	0.9	4.0	113	21	93	711
17/12/2018	17:30	59	77	68	61	52	0.0	1.3	4.0	90	22	87	709	18/12/2018	11:00	53	67	61	56	48	0.0	0.9	4.5	113	21	92	711
17/12/2018	17:45	54	65	60	57	50	0.0	1.3	4.0	113	22	88	709	18/12/2018	11:15	53	64	60	56	48	0.0	0.9	3.1	90	21	88	711
17/12/2018	18:00	54	64	61	56	50	0.0	1.3	6.7	113	21	89	709	18/12/2018	11:30	53	65	61	56	48	0.0	0.9	3.1	113	22	86	711
17/12/2018	18:15	55	72	62	57	50	0.0	0.9	4.0																		

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)
18/12/2018	16:30	61	89	72	59	51	0.0	0.9	4.0	90	26	67	710
18/12/2018	16:45	55	74	61	56	51	0.0	0.9	3.1	113	26	67	710
18/12/2018	17:00	54	68	62	56	49	0.0	0.9	4.0	113	26	68	710
18/12/2018	17:15	53	65	60	55	49	0.0	0.9	4.0	90	26	67	710
18/12/2018	17:30	54	68	61	56	50	0.0	0.4	3.1	90	25	70	710
18/12/2018	17:45	54	69	60	56	49	0.0	0.9	2.7	90	25	71	710
18/12/2018	18:00	53	62	60	56	49	0.0	0.4	1.8	113	25	72	710
18/12/2018	18:15	53	64	60	56	48	0.0	0.4	2.2	113	24	73	710
18/12/2018	18:30	52	62	58	54	48	0.0	0.4	1.8	113	24	78	710
18/12/2018	18:45	53	68	61	54	48	0.0	0.4	2.2	113	23	78	710
18/12/2018	19:00	57	63	60	59	52	0.0	0.9	2.7	113	23	81	710
18/12/2018	19:15	57	67	60	58	55	0.0	0.4	2.7	113	22	82	711
18/12/2018	19:30	52	60	56	54	50	0.0	0.4	3.1	113	22	84	711
18/12/2018	19:45	52	66	60	53	47	0.0	0.9	3.1	113	22	84	711
18/12/2018	20:00	50	62	58	53	46	0.0	0.9	3.6	90	22	86	711
18/12/2018	20:15	51	59	56	53	47	0.0	0.9	3.1	113	21	87	711
18/12/2018	20:30	51	62	59	53	46	0.0	0.9	3.6	90	21	88	711
18/12/2018	20:45	52	69	61	53	46	0.0	0.9	3.1	113	21	89	712
18/12/2018	21:00	53	73	62	53	46	0.0	0.9	5.4	113	21	90	712
18/12/2018	21:15	49	59	55	52	45	0.0	0.9	5.8	113	21	91	711
18/12/2018	21:30	49	60	56	51	45	0.0	0.9	3.6	90	20	92	712
18/12/2018	21:45	49	65	57	51	44	0.0	1.3	4.0	90	20	92	712
18/12/2018	22:00	47	61	54	49	43	0.0	0.9	3.1	90	20	92	712
18/12/2018	22:15	48	58	55	50	43	0.0	0.9	3.1	113	20	93	712
18/12/2018	22:30	48	59	57	52	41	0.0	0.9	4.9	90	20	93	712
18/12/2018	22:45	46	64	53	48	41	0.0	0.9	4.0	90	20	94	712
18/12/2018	23:00	47	61	56	49	41	0.0	0.9	2.7	90	20	94	712
18/12/2018	23:15	44	61	52	47	40	0.0	0.9	2.7	90	19	94	711
18/12/2018	23:30	45	60	55	48	40	0.0	0.9	3.1	90	19	94	711
18/12/2018	23:45	41	53	48	43	38	0.0	0.9	3.6	90	19	94	711
19/12/2018	0:00	42	63	51	44	38	0.0	0.9	2.7	90	19	94	711
19/12/2018	0:15	44	61	53	45	39	0.0	0.9	3.6	90	19	95	711
19/12/2018	0:30	46	61	53	49	40	0.0	0.9	3.1	90	19	95	711
19/12/2018	0:45	41	57	48	42	37	0.0	0.9	4.9	90	19	95	711
19/12/2018	1:00	41	62	49	42	38	0.0	1.3	4.0	113	19	95	711
19/12/2018	1:15	43	57	51	46	39	0.0	0.9	3.6	113	19	95	710
19/12/2018	1:30	44	60	53	47	38	0.0	1.3	5.4	90	19	95	711
19/12/2018	1:45	42	60	51	43	39	0.0	1.3	3.6	80	19	95	710
19/12/2018	2:00	43	59	53	45	39	0.0	1.3	5.8	90	19	95	710
19/12/2018	2:15	42	64	49	43	39	0.0	0.9	4.0	113	19	95	710
19/12/2018	2:30	43	61	52	44	39	0.0	0.9	4.0	90	19	95	710
19/12/2018	2:45	42	55	49	43	39	0.0	0.9	4.0	113	19	95	710
19/12/2018	3:00	47	58	53	50	41	0.0	0.9	2.7	90	19	95	710
19/12/2018	3:15	43	59	51	45	40	0.0	0.9	3.1	88	19	95	710
19/12/2018	3:30	45	61	57	46	39	0.0	0.9	4.0	90	19	95	710
19/12/2018	3:45	43	52	51	47	39	0.0	0.9	3.1	90	19	95	710
19/12/2018	4:00	41	53	48	42	37	0.0	0.9	3.6	90	19	95	710
19/12/2018	4:15	45	68	53	48	38	0.0	0.9	2.7	90	19	95	710
19/12/2018	4:30	47	60	53	50	43	0.0	0.9	2.7	90	19	95	710
19/12/2018	4:45	50	65	60	53	41	0.0	0.9	2.7	90	19	95	710
19/12/2018	5:00	50	65	60	53	41	0.0	0.9	2.7	90	19	95	711
19/12/2018	5:15	53	69	65	55	42	0.0	0.9	2.2	90	19	95	711
19/12/2018	5:30	54	78	65	54	44	0.0	0.4	2.7	90	19	95	711
19/12/2018	5:45	54	71	65	56	46	0.0	0.4	2.7	88	19	95	711
19/12/2018	6:00	54	67	64	57	46	0.0	0.4	2.2	113	19	95	711
19/12/2018	6:15	52	68	60	55	47	0.0	0.4	2.2	90	19	95	711
19/12/2018	6:30	53	66	60	56	47	0.0	0.9	4.0	113	19	95	711
19/12/2018	6:45	53	70	63	56	48	0.0	0.9	4.0	113	19	95	711
19/12/2018	7:00	55	72	66	56	47	0.0	0.4	3.1	90	19	95	712
19/12/2018	7:15	53	68	61	54	48	0.0	0.9	3.1	88	19	96	712
19/12/2018	7:30	55	68	65	58	49	0.0	0.9	3.6	113	19	96	712

Noise Monitoring Data Sheet

Inland Rail

SITE ID
G2H-5

From	Monday 10/12/2018 16:30	Meas. Type	Free Field	Package	Gowrie to Helidon
To	Tuesday 18/12/2018 11:15	Mic. Height (m)	1.8	Address	1 O'Brien Street
Instrument Type	01 dB Cube	Weather Station	No	Suburb	Harlaxton
Instrument Serial #	11107	Operator	LNM	Land Use	Residential
Inst. Cal. Date	10/12/2018	Sample Int.	15 min	Latitude	27°31'22.57"S
Pre Calibration	93.8	RP Lot#	10/RP78721	Longitude	151°57'9.42"E
Post Calibration	93.9				

Daytime

RBL **40.8 dB(A)**

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

ABLs Day (Sat 8 am - 1 pm)

Tuesday 11/12/2018	40.1	dB(A)
Wednesday 12/12/2018	40.8	dB(A)
Thursday 13/12/2018	40.4	dB(A)
Friday 14/12/2018	39.1	dB(A)
Saturday 15/12/2018	41.0	dB(A)
Monday 17/12/2018	41.0	dB(A)
Tuesday 18/12/2018	44.5	dB(A)

Evening

RBL **41.5 dB(A)**

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

ABLs Evening (Sat 1 pm - 10 pm)

ABLs Evening (Sun 7 am - 10 pm)

Monday 10/12/2018	37.3	dB(A)
Tuesday 11/12/2018	41.9	dB(A)
Wednesday 12/12/2018	43.4	dB(A)
Thursday 13/12/2018	33.6	dB(A)
Friday 14/12/2018	42.5	dB(A)
Saturday 15/12/2018	40.2	dB(A)
Sunday 16/12/2018	41.2	dB(A)
Monday 17/12/2018	42.8	dB(A)

Night

RBL **31.7 dB(A)**

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

ABLs Night (Fri 6pm - 8am)

Monday 10/12/2018	25.6	dB(A)
Tuesday 11/12/2018	31.2	dB(A)
Wednesday 12/12/2018	27.3	dB(A)
Thursday 13/12/2018	28.7	dB(A)
Friday 14/12/2018	32.2	dB(A)
Saturday 15/12/2018	32.7	dB(A)
Sunday 16/12/2018	37.8	dB(A)
Monday 17/12/2018	41.7	dB(A)

Site Diagram - Diagram



Inland Rail

Project:60553814

Site Attended Measurements Summary

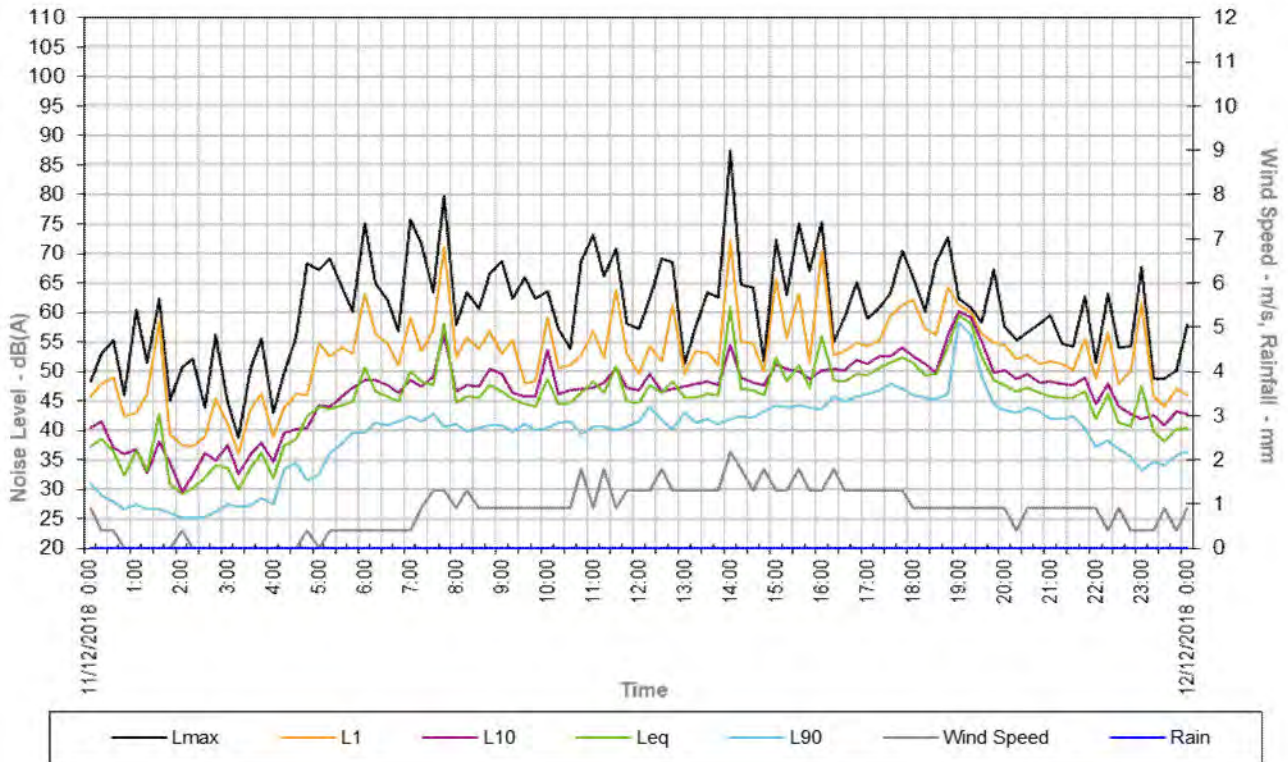
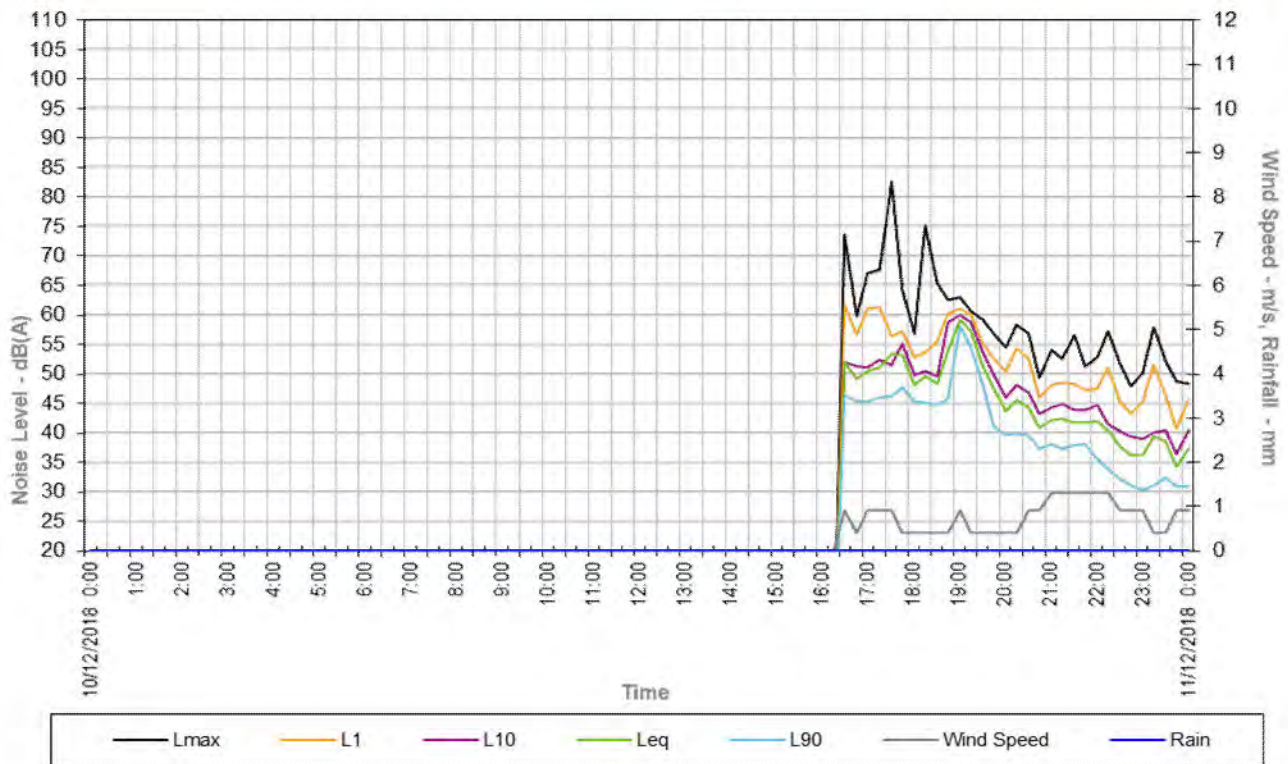
Attended Measurements Summary								Weather	
Date	Start	Measurement Type	Lmax	L1	L10	L90	Leq	Conditions Comply	End
10/12/2018	3:45 PM	Attended	72.2	53.6	48.9	44.5	47.8	Pass	4:00 PM
Comments		Logged	-	-	-	-	-		
		Difference	-	-	-	-	-		
	Data Logger: SVAN 957 (S/N: 27537). Attended measurement taken before the start of the logging time.								
	Aeroplane at 49 - 53dB(A). Distant traffic dominates at 44 – 50dB(A). Birds at 55 – 72dB(A). Local truck at 55dB(A).								
18/12/2018	11:15 AM	Attended	85.4	68.4	52.0	44.2	56.3	Pass	11:30 AM
Comments		Logged	80.9	68.3	52.3	44.5	56.4		
		Difference	4.6	0.1	-0.3	-0.3	-0.1		
	Data Logger: SVAN 957 (S/N: 27537). Distant traffic dominates at 44 – 52dB(A). Birds at 60 – 66dB(A). Local truck at 85dB(A).								

Photos



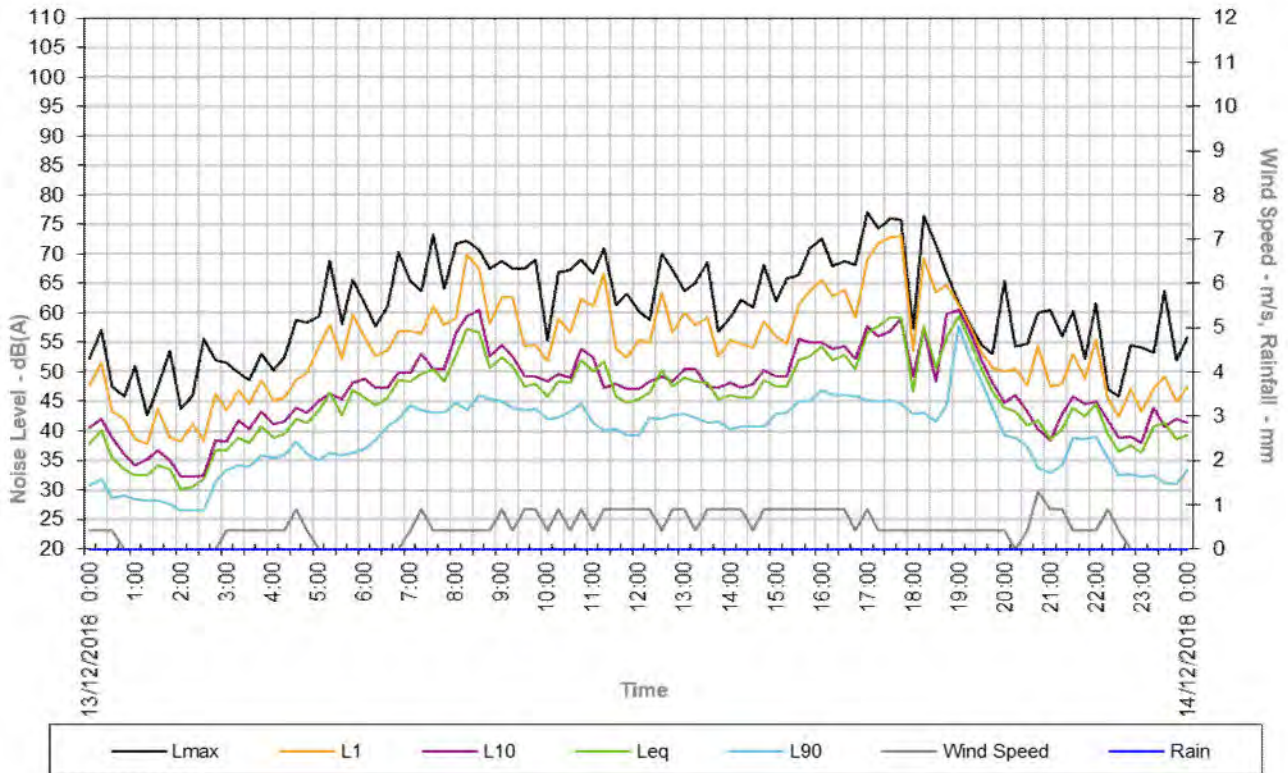
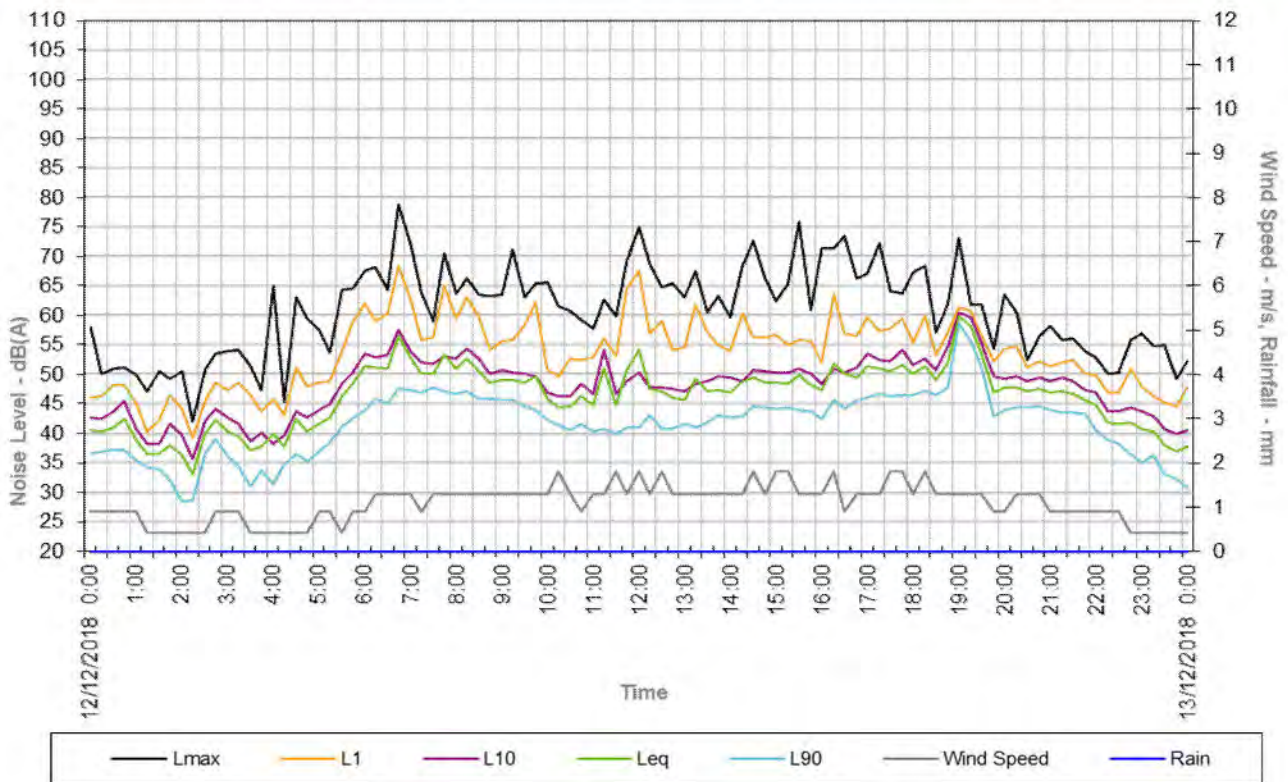
Site Noise and Weather Graphical Analysis

1 O'Brien Street



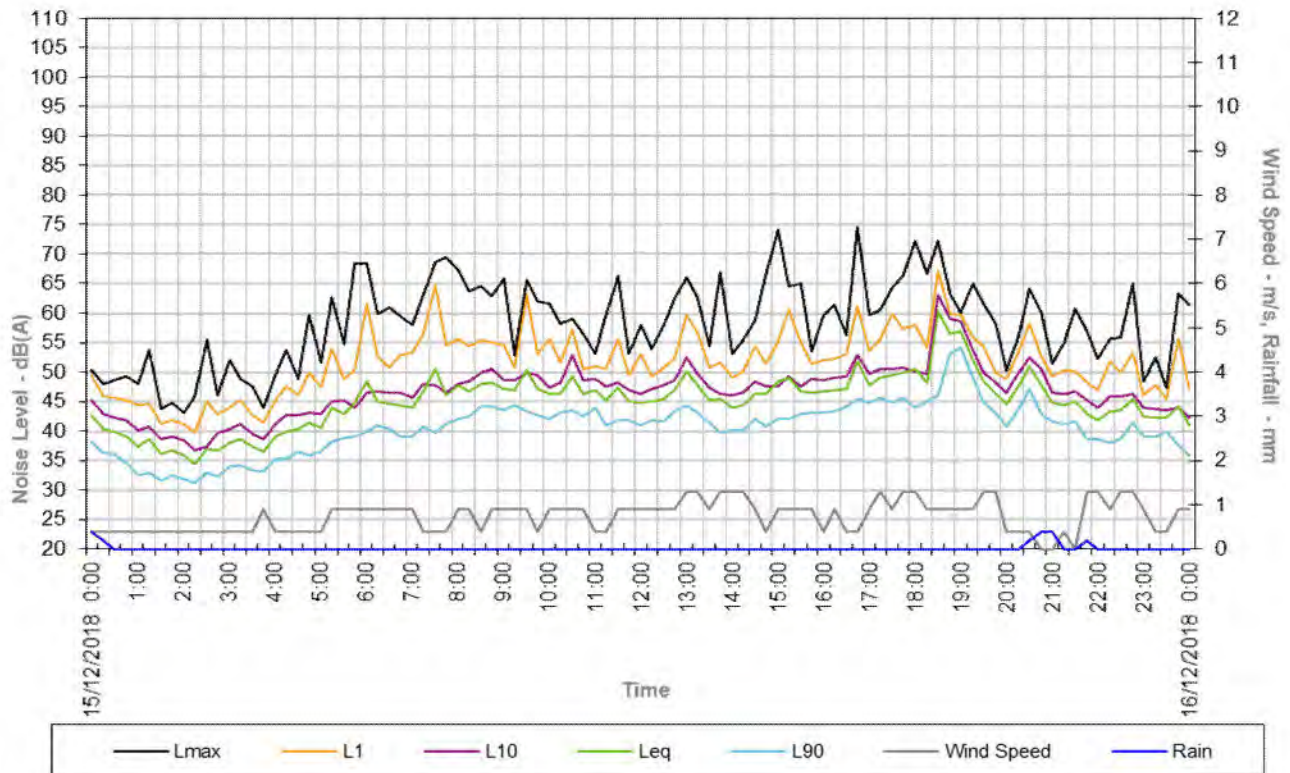
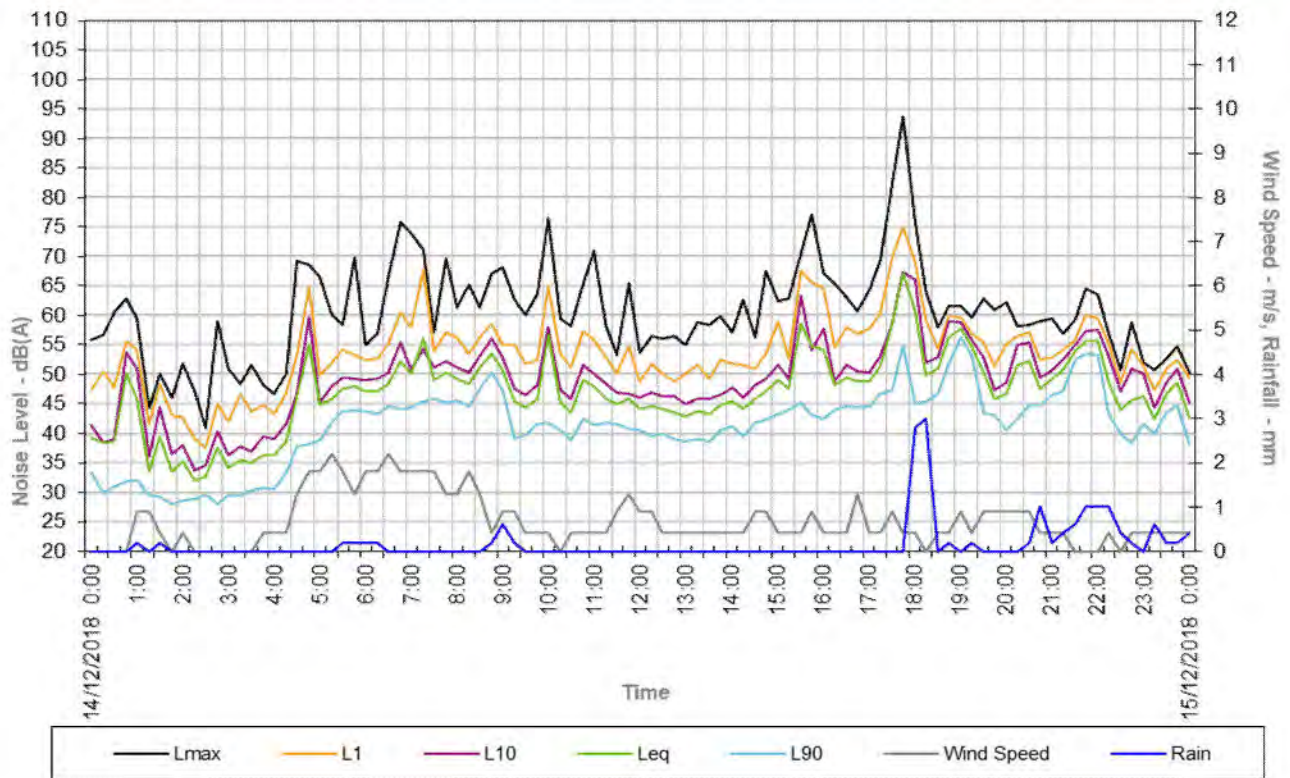
Site Noise and Weather Graphical Analysis

1 O'Brien Street



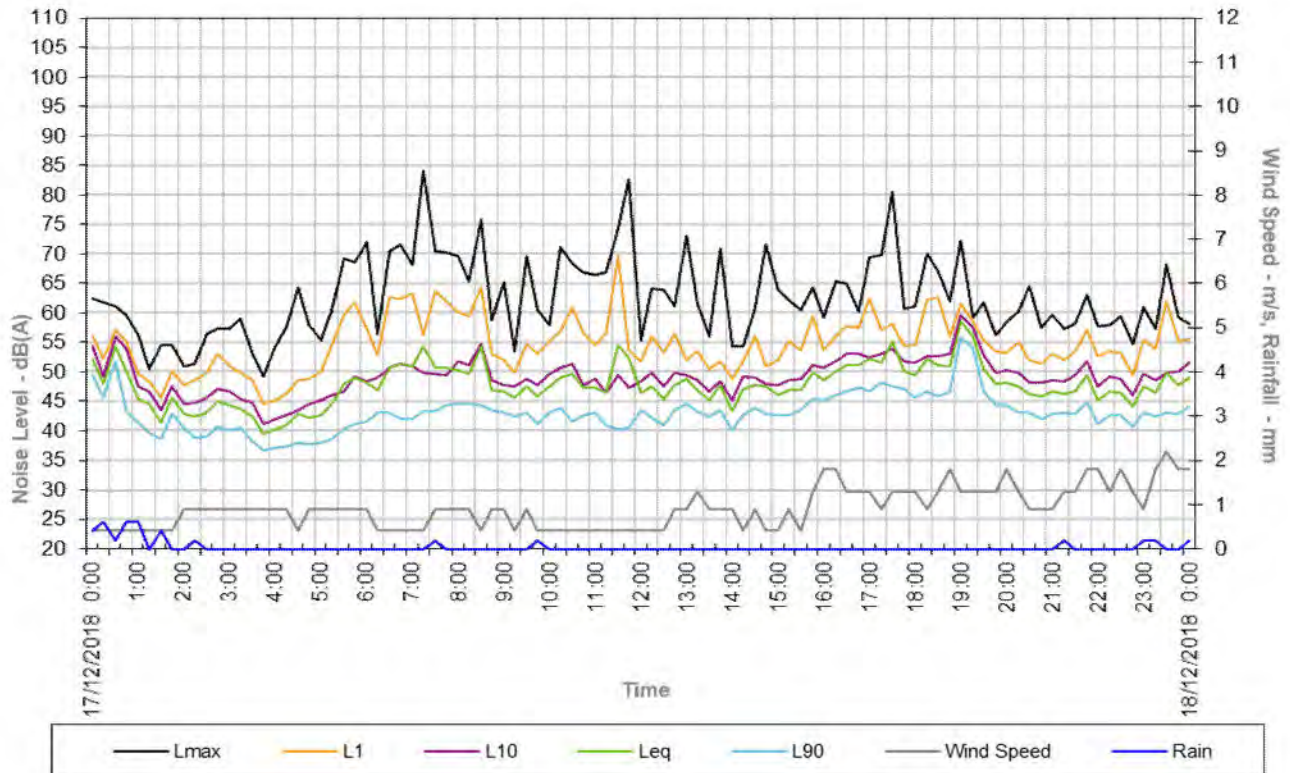
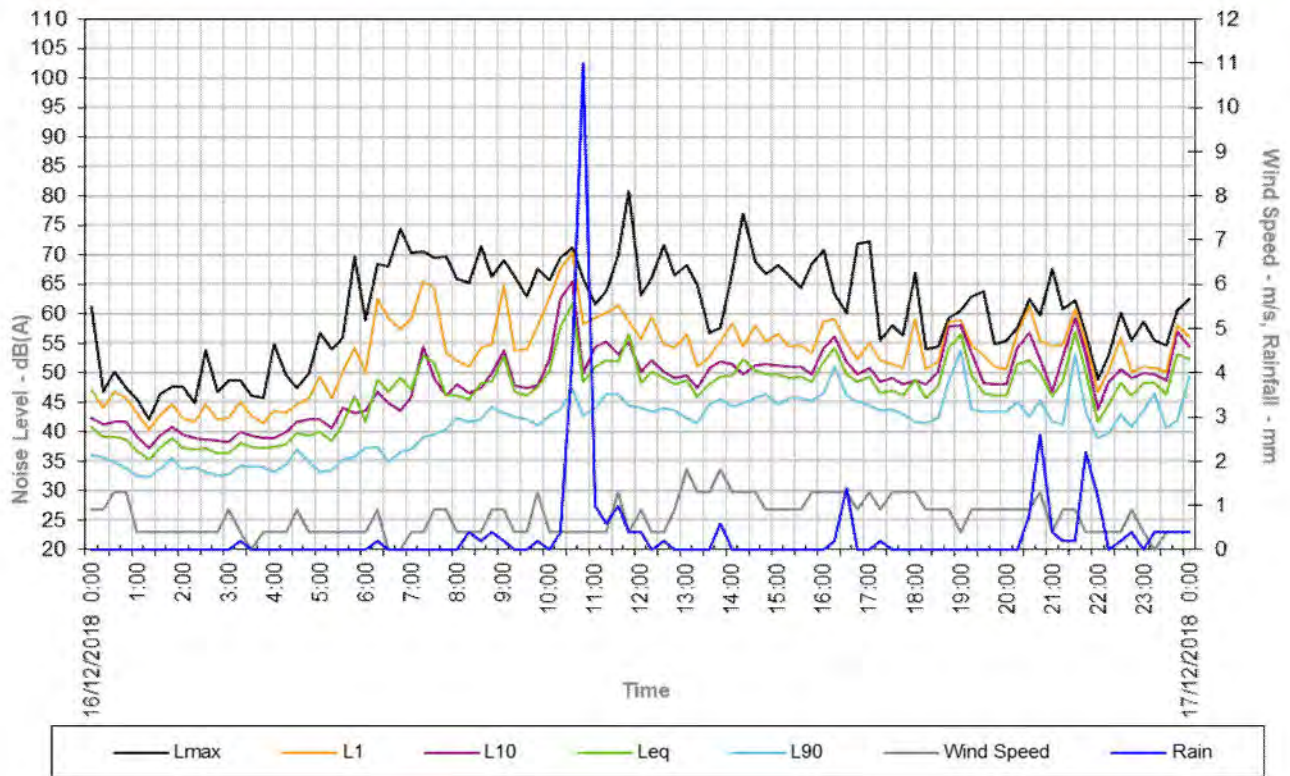
Site Noise and Weather Graphical Analysis

1 O'Brien Street



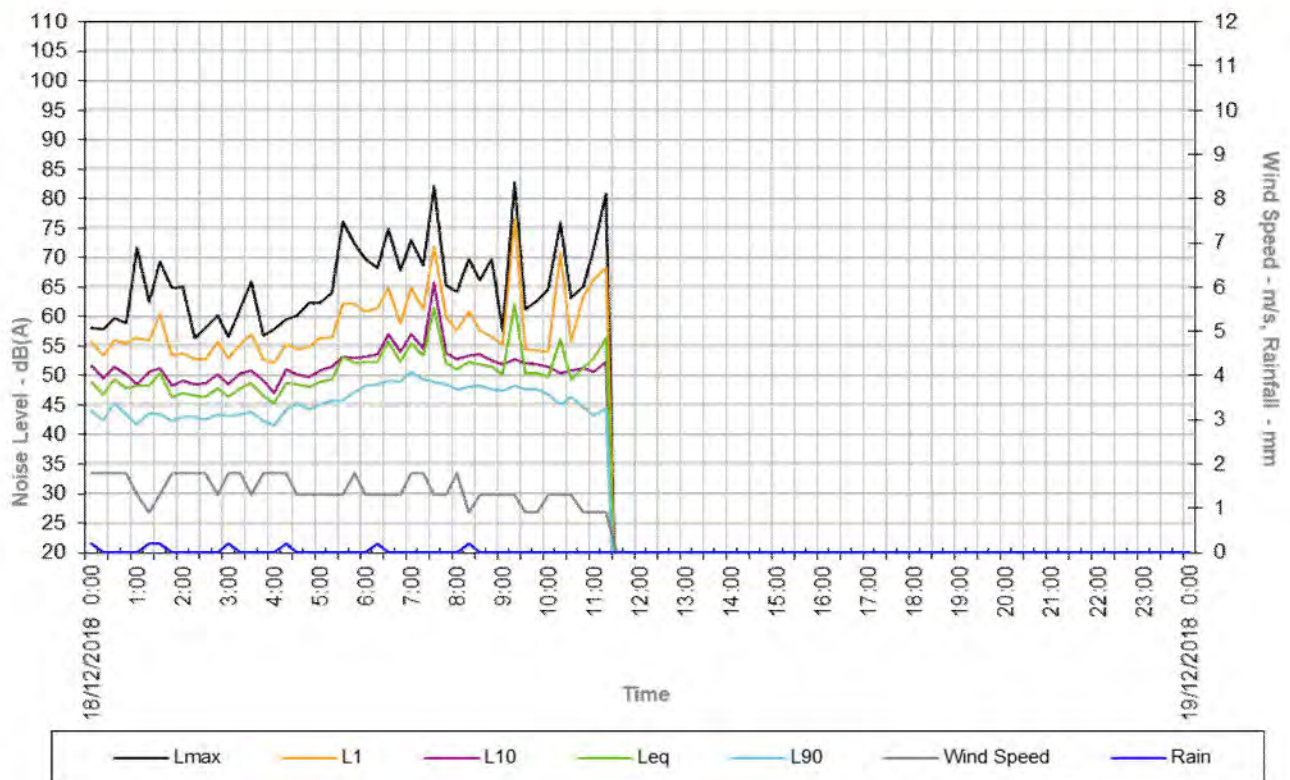
Site Noise and Weather Graphical Analysis

1 O'Brien Street



Site Noise and Weather Graphical Analysis

1 O'Brien Street



Logged Noise and Weather Data													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)	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)
10/12/2018	16:30	52	74	62	52	46	0.0	0.9	3.1	90	27	42	710	11/12/2018	10:00	49	64	59	54	40	0.0	0.9	3.1	135	23	61	713
10/12/2018	16:45	49	60	57	51	45	0.0	0.4	2.2	113	28	44	710	11/12/2018	10:15	44	57	51	46	41	0.0	0.9	4.0	90	23	58	713
10/12/2018	17:00	50	67	61	51	45	0.0	0.9	4.9	113	28	42	711	11/12/2018	10:30	45	54	51	47	42	0.0	0.9	5.4	90	24	54	713
10/12/2018	17:15	51	68	61	52	46	0.0	0.9	4.0	135	27	44	711	11/12/2018	10:45	46	69	53	47	39	0.0	1.8	4.9	113	25	54	713
10/12/2018	17:30	53	83	56	52	46	0.0	0.9	3.6	113	27	45	711	11/12/2018	11:00	48	73	57	47	41	0.0	0.9	4.5	90	25	53	713
10/12/2018	17:45	53	64	57	55	48	0.0	0.4	2.7	90	27	46	711	11/12/2018	11:15	46	66	52	48	41	0.0	1.8	4.0	135	25	51	713
10/12/2018	18:00	48	57	53	50	45	0.0	0.4	2.7	90	26	48	711	11/12/2018	11:30	51	71	64	51	40	0.0	0.9	3.6	90	25	50	713
10/12/2018	18:15	50	75	54	50	45	0.0	0.4	2.7	113	25	50	711	11/12/2018	11:45	45	58	53	47	41	0.0	1.3	4.9	90	26	48	713
10/12/2018	18:30	48	65	56	50	45	0.0	0.4	1.8	113	25	52	712	11/12/2018	12:00	45	57	50	47	42	0.0	1.3	4.0	90	26	47	713
10/12/2018	18:45	54	63	60	59	46	0.0	0.4	3.1	135	24	55	712	11/12/2018	12:15	48	62	54	50	44	0.0	1.3	4.9	90	26	48	712
10/12/2018	19:00	59	63	61	60	58	0.0	0.9	4.9	113	24	57	712	11/12/2018	12:30	46	69	52	47	42	0.0	1.8	4.0	90	26	47	712
10/12/2018	19:15	57	61	60	59	54	0.0	0.4	3.6	90	23	60	712	11/12/2018	12:45	48	69	61	47	40	0.0	1.3	4.5	113	27	46	712
10/12/2018	19:30	51	59	55	54	48	0.0	0.4	3.6	90	23	62	712	11/12/2018	13:00	45	51	50	47	43	0.0	1.3	5.4	113	27	45	712
10/12/2018	19:45	47	57	53	50	41	0.0	0.4	4.0	90	22	63	712	11/12/2018	13:15	46	57	53	48	41	0.0	1.3	4.5	90	27	45	712
10/12/2018	20:00	44	54	51	46	40	0.0	0.4	1.8	90	22	65	712	11/12/2018	13:30	46	63	53	48	42	0.0	1.3	4.5	90	27	44	712
10/12/2018	20:15	46	58	54	48	40	0.0	0.4	2.7	135	22	69	712	11/12/2018	13:45	46	63	51	48	41	0.0	1.3	5.4	90	28	44	712
10/12/2018	20:30	44	57	53	47	40	0.0	0.9	4.9	113	21	70	713	11/12/2018	14:00	61	88	72	54	42	0.0	2.2	6.7	135	28	42	712
10/12/2018	20:45	41	49	46	43	37	0.0	0.9	3.6	113	21	70	713	11/12/2018	14:15	47	65	55	49	42	0.0	1.8	4.9	113	28	43	711
10/12/2018	21:00	42	54	48	44	38	0.0	1.3	4.0	113	20	72	713	11/12/2018	14:30	47	64	55	48	42	0.0	1.3	4.9	90	28	44	711
10/12/2018	21:15	42	53	49	45	37	0.0	1.3	4.0	113	20	73	713	11/12/2018	14:45	46	52	50	48	43	0.0	1.8	5.4	90	28	43	711
10/12/2018	21:30	42	57	48	44	38	0.0	1.3	5.4	90	20	75	713	11/12/2018	15:00	52	72	68	51	44	0.0	1.3	4.9	113	28	42	711
10/12/2018	21:45	42	51	47	44	38	0.0	1.3	4.9	113	19	76	713	11/12/2018	15:15	48	63	56	50	44	0.0	1.3	5.8	90	28	42	711
10/12/2018	22:00	42	53	48	45	36	0.0	1.3	4.9	113	19	79	713	11/12/2018	15:30	51	75	63	50	44	0.0	1.8	5.4	90	28	43	711
10/12/2018	22:15	40	57	51	42	34	0.0	1.3	4.0	113	19	80	713	11/12/2018	15:45	47	67	52	49	44	0.0	1.3	4.0	90	28	42	711
10/12/2018	22:30	38	52	45	40	32	0.0	0.9	3.6	113	19	81	713	11/12/2018	16:00	58	75	71	50	44	0.0	1.3	5.8	90	28	43	711
10/12/2018	22:45	36	48	43	39	31	0.0	0.9	3.1	90	18	82	713	11/12/2018	16:15	49	55	53	50	46	0.0	1.8	4.9	113	28	43	711
10/12/2018	23:00	36	50	45	39	30	0.0	0.9	3.8	113	18	83	713	11/12/2018	16:30	48	59	53	50	45	0.0	1.3	5.4	90	27	44	711
10/12/2018	23:15	39	58	52	40	31	0.0	0.4	4.0	90	18	83	713	11/12/2018	16:45	50	65	55	52	48	0.0	1.3	3.6	90	27	45	711
10/12/2018	23:30	38	52	47	41	32	0.0	0.4	1.3	113	18	84	713	11/12/2018	17:00	49	59	54	51	46	0.0	1.3	4.5	113	27	47	711
10/12/2018	23:45	34	49	41	36	31	0.0	0.9	4.0	113	18	86	713	11/12/2018	17:15	51	61	55	53	47	0.0	1.3	4.0	135	27	48	711
11/12/2018	0:00	37	48	46	41	31	0.0	0.9	3.6	113	18	86	713	11/12/2018	17:30	51	63	59	53	48	0.0	1.3	6.3	68	26	50	711
11/12/2018	0:15	39	53	48	42	29	0.0	0.4	3.1	90	17	88	713	11/12/2018	17:45	52	70	61	54	47	0.0	1.3	3.6	90	26	52	711
11/12/2018	0:30	36	55	49	37	28	0.0	0.4	1.8	113	17	89	713	11/12/2018	18:00	51	66	62	53	46	0.0	0.9	2.7	90	25	54	711
11/12/2018	0:45	32	46	42	36	27	0.0	0.0	2.2	113	17	90	713	11/12/2018	18:15	49	60	57	51	46	0.0	0.9	3.8	68	24	56	711
11/12/2018	1:00	37	61	43	37	28	0.0	0.0	1.8	113	17	90	712	11/12/2018	18:30	50	68	56	50	45	0.0	0.9	3.1	68	24	58	711
11/12/2018	1:15	33	51	46	33	27	0.0	0.0	0.9	113	17	90	712	11/12/2018	18:45	54	73	64	56	48	0.0	0.9	4.5	90	23	61	712
11/12/2018	1:30	43	62	58	38	27	0.0	0.0	1.8	113	17	91	712	11/12/2018	19:00	60	62	61	60	58	0.0	0.9	3.1	90	23	62	712
11/12/2018	1:45	31	45	39	35	26	0.0	0.0	0.9	113	17	91	712	11/12/2018	19:15	58	61	60	59	56	0.0	0.9	5.4	113	22	64	712
11/12/2018	2:00	29	51	38	30	25	0.0	0.4	1.8	113	17	91	712	11/12/2018	19:30	53	58	56	55	49	0.0	0.9	3.6	90	22	65	712
11/12/2018	2:15	30	52	37	32	25	0.0	0.0	0.9	113	17	92	712	11/12/2018	19:45	48	67	55	50	45	0.0	0.9	3.1	90	21	66	712
11/12/2018	2:30	32	44	39	36	25	0.0	0.0	0.9	113	17	92	712	11/12/2018	20:00	48	58	54	50	43	0.0	0.9	2.7	90	21	66	712
11/12/2018	2:45	34	56	45	35	26	0.0	0.0	0.9	113	17	92	712	11/12/2018	20:15	47	55	52	49	43	0.0	0.4	2.7	90	21	68	713
11/12/2018	3:00	34	45	41	38	27	0.0	0.0	0.9	113	17	92	712	11/12/2018	20:30	47	57	53	50	44	0.0	0.9	5.8	135	20	69	713
11/12/2018	3:15	30	39	36	33	27	0.0	0.0	0.4	113	17	93	712	11/12/2018	20:45	46	58	51	48	43	0.0	0.9	4.0	90	20	71	713
11/12/2018	3:30	34	50	44	36	27	0.0	0.0	0.9	113	17	93	712	11/12/2018	21:00	48	60	52	48	42	0.0	0.9	5.8	90	20	74	713
11/12/2018	3:45	36	56	46	38	29	0.0	0.0	1.8	113	17	93	712	11/12/2018	21:15	46	55	51	48	42	0.0	0.9	2.7	90	19	76	713
11/12/2018	4:00	32	43	39	35	27	0.0	0.0	1.8	113	17	93	712	11/12/2018	21:30	46	54	50	48	42	0.0	0.9	2.7	90	19	78	713
11/12/2018	4:15	37	50	44	40	33	0.0	0.0	0.9	113	17	93	712	11/12/2018	21:45	47	63	56	49	40	0.0	0.9	2.2	68	19	79	713
11/12/2018	4:30	39	56	46	40	34	0.0	0.0	1.8	113	17	93	712	11/12/2018	22:00	42	52	49	44	37	0.0	0.9	2.7	90	19	81	713
11/12/2018	4:45	42	68	46	40	32	0.0	0.4	2.2	113	17	93	712	11/12/2018	22:15	46	63	57	48	38	0.0	0.4	2.7	90	19	82	713
11/12/2018	5:00	44	67	55	44	33	0.0	0.0	2.2	113	17	93	712	11/12/2018	22:30	41	54	48	44	37	0.0	0.9	3.1	90	18	83	713
11/12/2018	5:15	44	69	53	44																						

Logged Noise and Weather Data													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)	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)
12/12/2018	3:30	37	51	47	39	31	0.0	0.4	2.2	90	17	93	711	12/12/2018	21:00	47	58	51	49	44	0.0	0.9	8.3	90	20	76	710
12/12/2018	3:45	36	47	44	40	34	0.0	0.4	1.8	90	17	93	711	12/12/2018	21:15	47	56	52	50	44	0.0	0.9	4.9	113	20	78	710
12/12/2018	4:00	40	65	46	38	31	0.0	0.4	2.7	113	17	93	711	12/12/2018	21:30	47	56	52	49	44	0.0	0.9	3.1	90	20	80	710
12/12/2018	4:15	38	45	43	40	35	0.0	0.4	0.9	90	17	93	711	12/12/2018	21:45	48	54	50	47	43	0.0	0.9	4.0	90	19	80	710
12/12/2018	4:30	43	63	51	44	37	0.0	0.4	1.8	90	17	94	711	12/12/2018	22:00	45	53	50	47	41	0.0	0.9	3.1	90	19	82	710
12/12/2018	4:45	40	60	48	43	35	0.0	0.4	2.7	90	17	94	711	12/12/2018	22:15	42	50	47	44	39	0.0	0.9	3.1	90	19	83	710
12/12/2018	5:00	42	58	49	44	37	0.0	0.9	2.2	90	17	94	711	12/12/2018	22:30	42	50	47	44	38	0.0	0.9	3.1	113	19	84	710
12/12/2018	5:15	43	54	49	45	38	0.0	0.9	2.7	90	17	94	711	12/12/2018	22:45	42	56	51	44	36	0.0	0.4	2.2	113	19	85	710
12/12/2018	5:30	46	64	54	48	41	0.0	0.4	3.1	90	17	94	711	12/12/2018	23:00	41	57	48	44	35	0.0	0.4	2.2	113	19	85	710
12/12/2018	5:45	48	65	56	50	43	0.0	0.9	2.7	90	17	94	711	12/12/2018	23:15	40	55	46	43	36	0.0	0.4	2.7	135	18	86	710
12/12/2018	6:00	51	67	62	54	44	0.0	0.9	3.1	90	17	94	711	12/12/2018	23:30	38	55	45	41	33	0.0	0.4	2.2	113	18	86	710
12/12/2018	6:15	51	68	59	53	46	0.0	1.3	3.6	90	17	94	711	12/12/2018	23:45	37	49	45	40	32	0.0	0.4	2.2	90	18	86	710
12/12/2018	6:30	51	64	60	53	45	0.0	1.3	3.1	88	17	94	711	13/12/2018	0:00	38	52	48	41	31	0.0	0.4	1.8	90	18	86	710
12/12/2018	6:45	57	79	68	58	48	0.0	1.3	2.7	90	17	94	711	13/12/2018	0:15	40	57	52	42	32	0.0	0.4	2.2	90	18	86	709
12/12/2018	7:00	53	72	63	54	47	0.0	1.3	3.6	68	17	94	712	13/12/2018	0:30	35	48	43	39	29	0.0	0.4	0.9	90	18	87	709
12/12/2018	7:15	50	64	56	52	47	0.0	0.9	3.6	90	17	94	712	13/12/2018	0:45	34	46	42	36	29	0.0	0.0	1.3	90	18	87	709
12/12/2018	7:30	50	59	56	52	48	0.0	1.3	2.7	90	18	90	712	13/12/2018	1:00	32	51	39	34	28	0.0	0.0	0.9	90	18	87	709
12/12/2018	7:45	53	71	65	53	47	0.0	1.3	4.9	90	19	83	712	13/12/2018	1:15	32	43	38	35	28	0.0	0.0	0.4	90	18	87	709
12/12/2018	8:00	51	64	60	53	47	0.0	1.3	4.0	90	20	76	712	13/12/2018	1:30	34	48	44	37	28	0.0	0.0	0.4	90	18	87	709
12/12/2018	8:15	53	66	63	54	47	0.0	1.3	6.3	90	21	72	712	13/12/2018	1:45	34	54	39	35	28	0.0	0.0	0.9	90	18	87	709
12/12/2018	8:30	51	63	60	53	46	0.0	1.3	4.0	90	21	72	712	13/12/2018	2:00	30	44	38	32	27	0.0	0.0	0.4	90	18	87	709
12/12/2018	8:45	49	63	54	50	46	0.0	1.3	4.0	90	22	68	712	13/12/2018	2:15	31	48	41	32	27	0.0	0.0	0.9	90	18	87	709
12/12/2018	9:00	49	63	56	51	46	0.0	1.3	4.5	90	22	67	712	13/12/2018	2:30	32	56	38	32	27	0.0	0.0	0.4	90	18	87	709
12/12/2018	9:15	49	71	56	50	46	0.0	1.3	4.5	113	22	65	712	13/12/2018	2:45	37	52	46	38	31	0.0	0.0	0.4	90	18	87	708
12/12/2018	9:30	49	63	58	50	45	0.0	1.3	3.6	135	23	61	712	13/12/2018	3:00	37	52	44	38	33	0.0	0.4	1.3	90	18	88	708
12/12/2018	9:45	50	65	62	50	44	0.0	1.3	5.8	113	23	61	712	13/12/2018	3:15	39	50	47	42	34	0.0	0.4	1.3	90	18	89	708
12/12/2018	10:00	46	66	51	47	42	0.0	1.3	4.9	90	24	58	712	13/12/2018	3:30	38	49	45	40	34	0.0	0.4	1.3	90	17	89	708
12/12/2018	10:15	44	62	50	46	41	0.0	1.8	4.0	113	24	55	712	13/12/2018	3:45	41	53	49	43	36	0.0	0.4	1.3	90	17	90	708
12/12/2018	10:30	45	61	53	46	41	0.0	1.3	4.0	135	24	55	712	13/12/2018	4:00	39	50	45	41	36	0.0	0.4	1.8	90	17	90	708
12/12/2018	10:45	46	59	52	48	42	0.0	0.9	4.5	113	25	55	711	13/12/2018	4:15	39	52	46	42	36	0.0	0.4	3.1	90	17	91	708
12/12/2018	11:00	45	58	53	47	40	0.0	1.3	5.4	90	25	53	711	13/12/2018	4:30	42	59	49	44	38	0.0	0.9	2.2	90	17	91	708
12/12/2018	11:15	51	63	56	54	41	0.0	1.3	3.6	113	26	52	711	13/12/2018	4:45	41	58	50	43	36	0.0	0.4	1.3	90	17	92	708
12/12/2018	11:30	45	60	53	47	40	0.0	1.8	3.6	113	26	51	711	13/12/2018	5:00	43	60	54	45	35	0.0	0.0	1.3	90	17	92	708
12/12/2018	11:45	51	69	65	49	41	0.0	1.3	4.0	90	26	50	711	13/12/2018	5:15	46	69	58	46	36	0.0	0.0	0.4	90	17	92	709
12/12/2018	12:00	54	75	68	50	41	0.0	1.8	4.9	90	27	49	711	13/12/2018	5:30	43	58	52	46	36	0.0	0.0	0.4	90	17	92	709
12/12/2018	12:15	48	69	57	48	43	0.0	1.3	3.6	113	27	48	710	13/12/2018	5:45	47	66	60	48	36	0.0	0.0	0.9	90	17	92	709
12/12/2018	12:30	47	65	59	48	41	0.0	1.8	5.4	113	28	46	710	13/12/2018	6:00	48	62	56	49	37	0.0	0.0	0.9	90	18	91	709
12/12/2018	12:45	46	66	54	48	41	0.0	1.3	4.0	113	28	45	710	13/12/2018	6:15	44	58	53	47	39	0.0	0.0	0.4	90	18	90	709
12/12/2018	13:00	46	63	55	47	42	0.0	1.3	4.0	90	28	46	710	13/12/2018	6:30	48	61	54	47	41	0.0	0.0	0.4	90	18	89	709
12/12/2018	13:15	49	68	62	48	41	0.0	1.3	6.3	113	28	45	710	13/12/2018	6:45	49	70	57	50	42	0.0	0.0	1.3	90	18	86	709
12/12/2018	13:30	47	60	57	49	42	0.0	1.3	4.9	90	28	45	710	13/12/2018	7:00	49	65	57	50	44	0.0	0.4	1.8	90	19	81	709
12/12/2018	13:45	47	63	55	50	43	0.0	1.3	5.4	135	29	44	709	13/12/2018	7:15	50	64	56	53	44	0.0	0.9	3.6	338	20	77	709
12/12/2018	14:00	47	60	54	50	43	0.0	1.3	5.8	113	29	44	709	13/12/2018	7:30	50	73	61	51	43	0.0	0.4	1.8	315	20	75	709
12/12/2018	14:15	49	68	60	49	43	0.0	1.3	5.4	113	29	43	709	13/12/2018	7:45	48	64	58	51	43	0.0	0.4	2.2	0	21	72	709
12/12/2018	14:30	50	73	56	51	45	0.0	1.8	5.4	135	29	43	709	13/12/2018	8:00	53	72	59	57	45	0.0	0.4	2.2	338	21	70	709
12/12/2018	14:45	49	66	56	51	44	0.0	1.3	5.4	113	29	42	709	13/12/2018	8:15	57	72	70	60	44	0.0	0.4	2.7	0	22	67	709
12/12/2018	15:00	49	62	57	50	44	0.0	1.8	4.9	113	29	43	709	13/12/2018	8:30	57	71	68	61	46	0.0	0.4	2.7	0	22	68	709
12/12/2018	15:15	48	65	55	50	44	0.0	1.8	5.8	113	29	43	709	13/12/2018	8:45	51	67	58	53	45	0.0	0.4	2.7	0	22	65	709
12/12/2018	15:30	50	76	56	51	44	0.0	1.3	5.4	90	29	42	709	13/12/2018	9:00	52	69	63	55	45	0.0	0.9	2.7	0	23	63	709
12/12/2018	15:45	48	61	56	50	44	0.0	1.3	3.6	90	29	43	709	13/12/2018	9:15	51	68	63	53	44	0.0	0.4	2.7	0	23	61	709
12/12/2018	16:00	47	71	52	48	42	0.0	1.3	4.5	90	29	43	708	13/12/2018	9:30	48	68	54	49	44	0.0	0.9	3.6	23	23	61	709
12/12/2018	16:15	52	71	63	51	46	0.0	1.8	5.8	113	29	43	708	13/12/201													

Logged Noise and Weather Data														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)	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)
13/12/2018	14:30	46	61	54	48	41	0.0	0.4	2.7	0	32	37	705	14/12/2018	8:00	49	61	56	51	46	0.0	1.3	3.6	270	19	90	705
13/12/2018	14:45	49	68	59	50	41	0.0	0.9	3.1	338	32	34	704	14/12/2018	8:15	48	65	54	50	45	0.0	1.8	4.9	283	19	90	706
13/12/2018	15:00	48	62	56	49	43	0.0	0.9	3.1	135	33	34	704	14/12/2018	8:30	51	61	56	53	48	0.0	1.3	4.9	270	20	89	706
13/12/2018	15:15	48	66	55	49	43	0.0	0.9	3.6	0	33	32	704	14/12/2018	8:45	53	67	59	56	50	0.2	0.4	2.2	90	20	85	706
13/12/2018	15:30	52	67	61	56	45	0.0	0.9	4.5	23	33	34	704	14/12/2018	9:00	51	68	55	53	47	0.6	0.9	1.8	90	19	87	705
13/12/2018	15:45	53	71	64	55	45	0.0	0.9	2.2	23	32	35	704	14/12/2018	9:15	46	63	55	48	39	0.2	0.9	1.8	90	19	90	705
13/12/2018	16:00	54	73	66	55	47	0.0	0.9	2.7	0	32	36	704	14/12/2018	9:30	44	60	52	46	40	0.0	0.4	1.8	225	20	89	706
13/12/2018	16:15	52	68	63	54	46	0.0	0.9	3.1	0	31	38	704	14/12/2018	9:45	46	64	52	48	42	0.0	0.4	1.8	113	20	87	706
13/12/2018	16:30	53	69	64	54	46	0.0	0.9	2.7	88	30	41	704	14/12/2018	10:00	57	76	65	58	42	0.0	0.4	1.8	315	21	83	706
13/12/2018	16:45	51	68	59	52	46	0.0	0.4	2.7	135	29	41	704	14/12/2018	10:15	45	60	53	47	41	0.0	0.0	1.8	315	23	81	706
13/12/2018	17:00	57	77	69	58	45	0.0	0.9	2.7	23	28	43	704	14/12/2018	10:30	43	58	51	46	39	0.0	0.4	2.2	135	24	74	705
13/12/2018	17:15	58	74	72	56	45	0.0	0.4	2.2	23	28	45	705	14/12/2018	10:45	49	65	57	52	42	0.0	0.4	1.8	113	24	73	705
13/12/2018	17:30	59	76	73	57	45	0.0	0.4	2.7	23	27	46	705	14/12/2018	11:00	48	71	56	50	41	0.0	0.4	2.2	23	25	69	705
13/12/2018	17:45	59	76	73	59	45	0.0	0.4	2.2	23	27	47	705	14/12/2018	11:15	46	58	53	48	42	0.0	0.4	2.2	23	26	66	705
13/12/2018	18:00	47	57	54	49	43	0.0	0.4	2.7	45	26	48	705	14/12/2018	11:30	45	53	50	47	42	0.0	0.9	2.7	23	27	64	705
13/12/2018	18:15	58	76	69	57	43	0.0	0.4	2.7	0	26	49	706	14/12/2018	11:45	46	65	55	47	41	0.0	1.3	3.6	23	28	61	705
13/12/2018	18:30	51	71	64	48	42	0.0	0.4	2.2	338	26	51	706	14/12/2018	12:00	44	54	49	46	41	0.0	0.9	3.1	0	28	60	705
13/12/2018	18:45	56	67	65	60	44	0.0	0.4	2.7	0	26	53	706	14/12/2018	12:15	45	57	52	47	40	0.0	0.9	3.1	23	30	59	705
13/12/2018	19:00	60	62	61	61	58	0.0	0.4	1.8	23	25	54	706	14/12/2018	12:30	44	56	50	46	40	0.0	0.4	3.1	23	29	57	705
13/12/2018	19:15	55	58	58	57	53	0.0	0.4	3.1	90	25	56	706	14/12/2018	12:45	44	56	49	46	39	0.0	0.4	2.2	338	30	57	704
13/12/2018	19:30	50	55	53	52	48	0.0	0.4	2.2	90	25	57	706	14/12/2018	13:00	43	55	50	45	39	0.0	0.4	3.1	135	29	60	704
13/12/2018	19:45	47	53	51	48	44	0.0	0.4	1.3	23	25	58	708	14/12/2018	13:15	44	59	52	46	39	0.0	0.4	3.1	135	28	60	704
13/12/2018	20:00	44	65	50	45	39	0.0	0.4	1.8	23	25	58	706	14/12/2018	13:30	43	58	49	46	39	0.0	0.4	2.2	0	28	60	704
13/12/2018	20:15	43	54	51	46	39	0.0	0.0	1.8	0	24	57	706	14/12/2018	13:45	45	60	53	47	41	0.0	0.4	3.6	113	28	60	704
13/12/2018	20:30	41	55	48	43	37	0.0	0.4	2.2	23	24	57	706	14/12/2018	14:00	45	57	52	48	41	0.0	0.4	2.2	113	29	58	704
13/12/2018	20:45	42	60	54	40	34	0.0	1.3	4.9	225	24	70	707	14/12/2018	14:15	44	63	52	46	40	0.0	0.4	2.7	113	29	58	704
13/12/2018	21:00	39	61	48	38	33	0.0	0.9	3.1	225	23	75	707	14/12/2018	14:30	46	56	51	48	42	0.0	0.9	3.1	113	29	52	704
13/12/2018	21:15	40	56	48	43	34	0.0	0.9	2.2	248	22	78	706	14/12/2018	14:45	47	67	54	49	42	0.0	0.9	3.1	113	31	48	703
13/12/2018	21:30	44	60	53	46	39	0.0	0.4	1.3	248	22	78	706	14/12/2018	15:00	49	62	59	52	43	0.0	0.4	2.2	45	31	48	703
13/12/2018	21:45	43	52	49	45	39	0.0	0.4	1.8	225	22	78	705	14/12/2018	15:15	47	63	53	49	44	0.0	0.4	2.7	113	31	52	703
13/12/2018	22:00	45	62	56	45	39	0.0	0.4	3.1	90	21	78	705	14/12/2018	15:30	59	71	68	63	45	0.0	0.4	2.2	135	29	57	703
13/12/2018	22:15	39	47	45	42	35	0.0	0.9	2.7	113	21	79	705	14/12/2018	15:45	55	77	66	54	43	0.0	0.9	2.2	113	28	61	703
13/12/2018	22:30	37	46	42	39	33	0.0	0.4	2.2	135	21	81	706	14/12/2018	16:00	54	67	65	58	42	0.0	0.4	2.7	90	27	64	703
13/12/2018	22:45	37	55	47	39	33	0.0	0.0	0.9	113	21	82	706	14/12/2018	16:15	48	65	55	49	44	0.0	0.4	1.8	113	26	68	703
13/12/2018	23:00	36	54	43	38	32	0.0	0.0	0.9	68	21	82	706	14/12/2018	16:30	49	63	58	52	45	0.0	0.4	2.7	113	26	70	704
13/12/2018	23:15	41	53	47	44	33	0.0	0.0	0.9	68	21	82	706	14/12/2018	16:45	49	61	57	51	44	0.0	1.3	3.6	90	25	73	704
13/12/2018	23:30	41	64	49	41	31	0.0	0.0	0.9	68	21	83	706	14/12/2018	17:00	49	64	58	50	45	0.0	0.4	2.7	90	24	77	705
13/12/2018	23:45	39	52	45	42	31	0.0	0.0	0.9	68	21	84	708	14/12/2018	17:15	51	69	60	53	47	0.0	0.4	2.2	90	23	77	704
14/12/2018	0:00	39	56	47	41	33	0.0	0.0	0.9	68	21	84	706	14/12/2018	17:30	59	82	70	59	47	0.0	0.9	3.1	90	22	79	704
14/12/2018	0:15	38	57	51	39	30	0.0	0.0	0.4	88	21	84	706	14/12/2018	17:45	67	94	75	67	55	0.0	0.4	3.1	68	21	82	706
14/12/2018	0:30	39	61	48	39	31	0.0	0.0	0.9	68	21	84	706	14/12/2018	18:00	61	76	69	66	45	2.8	0.4	1.8	225	21	85	705
14/12/2018	0:45	50	63	56	54	32	0.0	0.0	0.9	68	21	85	705	14/12/2018	18:15	50	64	59	52	46	3.0	0.0	0.9	0	21	87	706
14/12/2018	1:00	46	59	54	51	32	0.2	0.9	2.7	68	20	86	705	14/12/2018	18:30	51	58	54	53	47	0.0	0.4	2.2	23	20	89	706
14/12/2018	1:15	34	44	42	36	30	0.0	0.9	4.9	68	20	89	705	14/12/2018	18:45	56	61	60	59	52	0.2	0.4	1.8	90	20	91	706
14/12/2018	1:30	39	50	48	44	29	0.2	0.4	1.8	113	20	89	705	14/12/2018	19:00	58	62	60	59	56	0.0	0.9	3.1	113	20	92	706
14/12/2018	1:45	34	46	43	37	28	0.0	0.0	0.9	113	20	89	705	14/12/2018	19:15	55	60	57	56	53	0.2	0.4	3.6	135	20	93	706
14/12/2018	2:00	35	52	43	36	29	0.0	0.4	1.8	90	20	88	705	14/12/2018	19:30	50	63	55	53	44	0.0	0.9	3.6	135	20	92	706
14/12/2018	2:15	32	47	39	34	29	0.0	0.0	2.2	225	20	87	705	14/12/2018	19:45	46	61	51	47	43	0.0	0.9	5.4	113	20	92	706
14/12/2018	2:30	33	41	38	35	30	0.0	0.0	1.3	248	20	87	705	14/12/2018	20:00	47	62	55	49	41	0.0	0.9	2.7	90	20	91	706
14/12/2018	2:45	37	59	45	40	28	0.0	0.0	0.4	248	20	87	705	14/12/2018	20:15	52	58	56	55	43	0.0	0.9	3.6	113	20	92	707
14/12/2018	3:00	34	51	42	36	29	0.0	0.0	0.9	248	20	87	705	14/12/2018	20:30	52	58	57	56	45	0.2	0.9	3.6	90	20	93	707
14/12/2018	3:15	35	48	47	38																						

Logged Noise and Weather Data														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)	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)
15/12/2018	1:30	36	44	41	39	32	0.0	0.4	1.3	90	19	94	706	15/12/2018	19:00	57	80	80	59	54	0.0	0.9	2.2	68	24	76	708
15/12/2018	1:45	37	45	42	39	32	0.0	0.4	2.2	90	19	95	706	15/12/2018	19:15	52	65	56	54	49	0.0	0.9	3.1	90	24	75	708
15/12/2018	2:00	36	43	41	38	32	0.0	0.4	0.9	113	19	95	706	15/12/2018	19:30	48	62	54	50	45	0.0	1.3	3.6	68	24	74	708
15/12/2018	2:15	34	46	40	37	31	0.0	0.4	1.8	113	19	95	705	15/12/2018	19:45	46	58	50	48	43	0.0	1.3	3.1	68	24	75	708
15/12/2018	2:30	37	55	45	37	33	0.0	0.4	0.9	113	19	95	705	15/12/2018	20:00	45	50	49	47	41	0.0	0.4	2.7	90	23	77	708
15/12/2018	2:45	37	46	43	40	32	0.0	0.4	2.2	113	19	95	705	15/12/2018	20:15	48	56	54	50	44	0.0	0.4	3.6	135	23	79	709
15/12/2018	3:00	38	52	44	40	34	0.0	0.4	1.8	113	19	95	706	15/12/2018	20:30	51	64	58	53	47	0.2	0.4	2.2	113	23	82	709
15/12/2018	3:15	39	49	45	41	34	0.0	0.4	1.8	113	19	95	706	15/12/2018	20:45	48	60	53	51	43	0.4	0.0	2.2	135	23	86	709
15/12/2018	3:30	37	48	43	39	33	0.0	0.4	2.2	113	19	95	706	15/12/2018	21:00	45	51	49	47	42	0.4	0.0	2.2	135	22	88	709
15/12/2018	3:45	37	44	41	39	33	0.0	0.9	2.2	68	19	95	706	15/12/2018	21:15	44	55	50	46	41	0.0	0.4	1.8	135	21	90	709
15/12/2018	4:00	39	49	45	41	35	0.0	0.4	1.8	90	18	95	706	15/12/2018	21:30	45	61	50	47	42	0.0	1.0	1.8	135	21	91	709
15/12/2018	4:15	40	54	48	43	35	0.0	0.4	2.2	90	18	95	706	15/12/2018	21:45	43	57	48	45	39	0.2	1.3	4.5	113	21	91	709
15/12/2018	4:30	40	49	46	43	37	0.0	0.4	2.2	90	18	95	706	15/12/2018	22:00	42	52	47	44	39	0.0	1.3	4.0	113	21	92	709
15/12/2018	4:45	41	60	50	43	36	0.0	0.4	2.7	90	18	95	707	15/12/2018	22:15	43	56	52	46	38	0.0	0.9	3.6	135	21	93	709
15/12/2018	5:00	41	52	47	43	37	0.0	0.4	2.2	113	18	95	707	15/12/2018	22:30	44	56	50	46	39	0.0	1.3	4.9	113	21	93	709
15/12/2018	5:15	44	63	54	45	38	0.0	0.9	3.6	90	18	95	707	15/12/2018	22:45	45	65	53	46	41	0.0	1.3	4.0	113	21	93	709
15/12/2018	5:30	43	55	49	45	39	0.0	0.9	2.2	90	18	95	707	15/12/2018	23:00	42	48	46	44	39	0.0	0.9	4.9	113	21	93	709
15/12/2018	5:45	45	68	50	44	39	0.0	0.9	2.7	90	18	95	708	15/12/2018	23:15	42	52	48	44	39	0.0	0.4	2.2	90	21	94	709
15/12/2018	6:00	49	68	62	47	40	0.0	0.9	2.2	68	18	95	708	15/12/2018	23:30	42	47	46	44	40	0.0	0.4	2.2	135	21	94	709
15/12/2018	6:15	45	60	53	47	41	0.0	0.9	2.7	90	18	95	708	15/12/2018	23:45	44	63	56	44	38	0.0	0.9	4.0	158	21	94	709
15/12/2018	6:30	45	61	51	47	40	0.0	0.9	2.2	90	18	95	708	16/12/2018	0:00	41	61	47	42	36	0.0	0.9	4.0	90	21	94	708
15/12/2018	6:45	44	59	53	47	39	0.0	0.9	4.0	90	18	95	708	16/12/2018	0:15	39	47	44	41	36	0.0	0.9	5.8	90	21	94	708
15/12/2018	7:00	44	58	53	46	39	0.0	0.9	3.1	90	18	95	708	16/12/2018	0:30	39	50	47	42	35	0.0	1.3	4.9	90	21	94	708
15/12/2018	7:15	47	63	57	48	41	0.0	0.4	1.8	88	19	95	708	16/12/2018	0:45	39	47	46	42	34	0.0	1.3	4.9	68	21	94	708
15/12/2018	7:30	51	69	65	48	40	0.0	0.4	1.8	90	19	95	708	16/12/2018	1:00	37	45	43	39	33	0.0	0.4	2.2	90	21	94	708
15/12/2018	7:45	46	69	55	47	41	0.0	0.4	3.1	113	19	95	708	16/12/2018	1:15	35	42	40	37	32	0.0	0.4	2.7	113	21	94	708
15/12/2018	8:00	46	67	56	48	42	0.0	0.9	1.8	90	20	95	708	16/12/2018	1:30	37	46	43	39	34	0.0	0.4	2.2	113	21	94	708
15/12/2018	8:15	47	64	54	49	42	0.0	0.9	2.7	90	20	95	709	16/12/2018	1:45	39	48	45	41	35	0.0	0.4	4.0	135	21	95	708
15/12/2018	8:30	48	65	58	50	44	0.0	0.4	3.1	90	20	95	708	16/12/2018	2:00	37	48	42	40	34	0.0	0.4	3.6	113	21	95	708
15/12/2018	8:45	48	63	55	51	44	0.0	0.9	2.7	90	21	95	708	16/12/2018	2:15	37	45	42	39	34	0.0	0.4	2.7	68	21	95	708
15/12/2018	9:00	47	66	55	49	44	0.0	0.9	3.1	90	21	94	708	16/12/2018	2:30	37	54	45	39	33	0.0	0.4	2.2	90	21	95	708
15/12/2018	9:15	47	53	51	49	44	0.0	0.9	2.7	90	22	91	708	16/12/2018	2:45	36	47	42	38	33	0.0	0.4	2.7	135	21	94	708
15/12/2018	9:30	50	66	63	50	43	0.0	0.9	2.2	90	22	89	708	16/12/2018	3:00	36	49	42	38	33	0.0	0.9	4.9	113	20	95	708
15/12/2018	9:45	47	62	53	49	43	0.0	0.4	2.2	68	23	87	708	16/12/2018	3:15	38	49	45	40	34	0.2	0.4	4.9	90	20	95	708
15/12/2018	10:00	46	62	56	47	42	0.0	0.9	3.1	68	24	84	709	16/12/2018	3:30	37	46	43	39	34	0.0	0.0	1.8	113	20	95	708
15/12/2018	10:15	46	58	52	48	43	0.0	0.9	2.2	90	24	79	708	16/12/2018	3:45	37	46	42	39	34	0.0	0.4	3.1	113	20	95	708
15/12/2018	10:30	49	59	57	53	44	0.0	0.9	2.7	90	25	74	708	16/12/2018	4:00	37	55	44	39	33	0.0	0.4	2.2	113	20	95	708
15/12/2018	10:45	46	57	51	49	43	0.0	0.9	3.6	80	26	74	708	16/12/2018	4:15	38	49	43	40	35	0.0	0.4	3.1	113	20	95	708
15/12/2018	11:00	47	53	51	49	44	0.0	0.4	3.1	113	26	70	708	16/12/2018	4:30	40	47	45	42	37	0.0	0.9	3.6	113	20	95	708
15/12/2018	11:15	45	60	51	48	41	0.0	0.4	2.7	113	26	69	708	16/12/2018	4:45	39	50	46	42	35	0.0	0.4	3.1	113	20	95	708
15/12/2018	11:30	47	66	56	48	42	0.0	0.9	2.2	90	26	69	708	16/12/2018	5:00	40	57	49	42	33	0.0	0.4	2.7	113	20	95	708
15/12/2018	11:45	45	53	50	47	42	0.0	0.9	2.7	90	26	69	708	16/12/2018	5:15	38	54	46	41	33	0.0	0.4	2.2	113	20	95	709
15/12/2018	12:00	45	58	53	46	41	0.0	0.9	2.7	68	27	67	708	16/12/2018	5:30	41	56	50	44	35	0.0	0.4	3.1	113	20	95	709
15/12/2018	12:15	45	54	49	47	42	0.0	0.9	3.1	90	27	66	708	16/12/2018	5:45	46	70	54	43	36	0.0	0.4	3.1	113	20	95	709
15/12/2018	12:30	46	59	51	48	42	0.0	0.9	3.6	90	28	65	707	16/12/2018	6:00	42	59	50	44	37	0.0	0.4	3.1	113	20	95	709
15/12/2018	12:45	47	63	52	49	43	0.0	0.9	3.1	90	28	62	707	16/12/2018	6:15	49	69	63	47	37	0.2	0.9	3.6	113	20	95	709
15/12/2018	13:00	50	66	60	52	44	0.0	1.3	3.1	68	28	63	707	16/12/2018	6:30	47	68	59	45	35	0.0	0.0	1.8	90	21	95	709
15/12/2018	13:15	48	63	57	50	43	0.0	1.3	3.6	88	28	63	707	16/12/2018	6:45	49	74	57	44	37	0.0	0.0	2.2	113	21	95	709
15/12/2018	13:30	45	54	51	47	41	0.0	0.9	3.1	113	29	61	707	16/12/2018	7:00	47	70	59	46	37	0.0	0.4	2.7	135	21	95	709
15/12/2018	13:45	46	67	52	46	40	0.0	1.3	4.0	68	29	61	707	16/12/2018	7:15	53	71	66	55	39	0.0	0.4	2.7	113	21	95	709
15/12/2018	14:00	44	53	49	46	40	0.0	1.3	4.0	113	29	62	707	16/12/2018	7:30	52	70	65	49	40	0.0	0.9	3.6	113	21	95	709
15/12/2018	14:15	44	55	50	47	40	0.0	1.3	4.0	113	29																

Logged Noise and Weather Data														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)	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)
16/12/2018	12:30	49	72	55	50	44	0.2	0.4	3.1	135	21	95	708	17/12/2018	6:00	48	72	57	48	42	0.0	0.9	3.6	90	18	96	709
16/12/2018	12:45	48	67	54	49	44	0.0	0.9	4.5	113	21	95	708	17/12/2018	6:15	47	56	53	49	43	0.0	0.4	2.2	113	18	96	709
16/12/2018	13:00	49	68	57	50	42	0.0	1.8	7.2	90	21	95	708	17/12/2018	6:30	51	71	63	51	43	0.0	0.4	2.2	90	19	96	709
16/12/2018	13:15	46	65	51	47	41	0.0	1.3	5.4	113	21	95	708	17/12/2018	6:45	51	72	63	51	42	0.0	0.4	3.6	113	19	96	709
16/12/2018	13:30	48	57	53	51	45	0.0	1.3	4.0	113	21	95	708	17/12/2018	7:00	51	68	63	51	42	0.0	0.4	1.8	135	19	96	709
16/12/2018	13:45	49	58	55	52	45	0.6	1.6	5.4	113	21	95	708	17/12/2018	7:15	54	84	56	50	43	0.0	0.4	2.2	135	19	96	709
16/12/2018	14:00	50	67	58	51	44	0.0	1.3	4.9	113	21	95	707	17/12/2018	7:30	51	70	64	50	43	0.2	0.9	3.1	135	19	96	710
16/12/2018	14:15	52	77	54	50	45	0.0	1.3	4.0	68	21	95	707	17/12/2018	7:45	51	70	62	50	44	0.0	0.9	3.6	135	19	96	710
16/12/2018	14:30	50	69	58	51	46	0.0	1.3	6.3	90	21	95	707	17/12/2018	8:00	50	70	60	52	45	0.0	0.9	3.6	135	19	96	710
16/12/2018	14:45	50	67	55	51	46	0.0	0.9	4.0	90	21	95	707	17/12/2018	8:15	50	65	59	51	45	0.0	0.9	4.0	113	19	96	710
16/12/2018	15:00	50	68	57	51	45	0.0	0.9	3.6	68	21	95	707	17/12/2018	8:30	54	76	64	55	44	0.0	0.4	3.6	113	19	96	710
16/12/2018	15:15	49	66	55	51	46	0.0	0.9	3.6	113	21	95	707	17/12/2018	8:45	47	59	53	49	44	0.0	0.9	3.1	113	19	96	710
16/12/2018	15:30	49	64	55	51	46	0.0	0.9	3.1	68	21	95	707	17/12/2018	9:00	47	65	52	48	43	0.0	0.9	3.1	113	19	96	710
16/12/2018	15:45	48	69	53	50	45	0.0	1.3	5.4	90	21	95	707	17/12/2018	9:15	46	54	50	48	42	0.0	0.4	3.6	135	19	96	710
16/12/2018	16:00	52	71	59	54	47	0.0	1.3	3.6	90	21	95	707	17/12/2018	9:30	48	70	55	49	43	0.0	0.9	3.1	135	20	96	710
16/12/2018	16:15	54	63	59	56	51	0.2	1.3	6.3	90	21	95	707	17/12/2018	9:45	46	61	53	46	41	0.2	0.4	2.2	113	20	96	710
16/12/2018	16:30	50	60	55	52	46	1.4	1.3	5.4	90	20	95	707	17/12/2018	10:00	48	58	55	50	43	0.0	0.4	2.7	113	20	96	710
16/12/2018	16:45	48	72	52	50	45	0.0	0.9	5.8	90	20	95	707	17/12/2018	10:15	49	71	57	51	44	0.0	0.4	2.2	135	20	96	710
16/12/2018	17:00	49	72	55	51	45	0.0	1.3	4.0	113	21	95	707	17/12/2018	10:30	50	68	61	51	42	0.0	0.4	2.7	135	20	96	709
16/12/2018	17:15	47	55	52	49	44	0.2	0.9	4.0	113	21	95	708	17/12/2018	10:45	47	67	57	48	43	0.0	0.4	2.7	113	20	96	709
16/12/2018	17:30	47	58	52	49	44	0.0	1.3	4.9	113	20	95	707	17/12/2018	11:00	47	66	55	49	43	0.0	0.4	2.2	113	20	96	709
16/12/2018	17:45	46	56	51	48	43	0.0	1.3	4.9	90	20	95	708	17/12/2018	11:15	47	67	57	46	41	0.0	0.4	3.1	113	20	96	709
16/12/2018	18:00	49	67	59	49	42	0.0	1.3	3.6	113	20	95	708	17/12/2018	11:30	54	74	70	50	40	0.0	0.4	2.7	135	20	96	709
16/12/2018	18:15	46	54	51	48	41	0.0	0.9	4.5	90	20	95	708	17/12/2018	11:45	52	83	54	47	41	0.0	0.4	3.1	135	21	96	709
16/12/2018	18:30	48	54	52	50	42	0.0	0.9	2.2	90	20	96	708	17/12/2018	12:00	48	55	52	48	44	0.0	0.4	2.7	135	21	95	709
16/12/2018	18:45	54	59	59	58	49	0.0	0.9	4.0	90	20	96	708	17/12/2018	12:15	48	64	56	50	42	0.0	0.4	2.7	135	21	93	709
16/12/2018	19:00	57	61	59	58	54	0.0	0.4	3.6	45	20	96	708	17/12/2018	12:30	45	64	53	48	41	0.0	0.4	1.8	113	21	92	709
16/12/2018	19:15	50	63	55	53	44	0.0	0.9	3.6	113	20	95	708	17/12/2018	12:45	48	61	57	50	44	0.0	0.9	4.9	113	22	87	709
16/12/2018	19:30	47	64	53	48	43	0.0	0.9	3.6	113	20	95	708	17/12/2018	13:00	49	73	52	49	45	0.0	0.9	3.6	90	23	85	709
16/12/2018	19:45	46	55	51	48	43	0.0	0.9	4.0	90	20	96	708	17/12/2018	13:15	47	62	54	49	43	0.0	1.3	4.9	113	23	84	709
16/12/2018	20:00	46	55	51	48	43	0.0	0.9	3.6	135	20	95	709	17/12/2018	13:30	45	56	51	47	43	0.0	0.9	3.1	113	24	81	708
16/12/2018	20:15	51	58	57	54	45	0.0	0.9	2.7	90	20	96	709	17/12/2018	13:45	48	71	52	48	44	0.0	0.9	3.1	90	24	81	708
16/12/2018	20:30	52	63	61	57	43	0.8	0.9	4.9	135	20	95	709	17/12/2018	14:00	43	54	49	45	40	0.0	0.9	2.7	90	24	78	708
16/12/2018	20:45	50	60	55	52	45	2.6	1.3	4.9	113	20	95	709	17/12/2018	14:15	47	54	52	49	43	0.0	0.4	2.7	113	24	78	708
16/12/2018	21:00	46	68	54	47	42	0.4	0.4	2.2	113	20	96	709	17/12/2018	14:30	48	61	56	49	44	0.0	0.9	3.6	113	25	77	708
16/12/2018	21:15	49	61	55	53	41	0.2	0.9	3.6	135	20	96	709	17/12/2018	14:45	48	72	51	48	43	0.0	0.4	2.7	113	24	79	708
16/12/2018	21:30	57	62	61	59	53	0.2	0.9	2.7	135	20	96	709	17/12/2018	15:00	46	64	52	48	43	0.0	0.4	3.6	113	23	60	708
16/12/2018	21:45	50	57	55	53	43	2.2	0.4	1.8	68	20	96	709	17/12/2018	15:15	47	62	55	49	43	0.0	0.9	2.7	113	23	80	708
16/12/2018	22:00	42	49	47	44	39	1.2	0.4	3.1	113	20	96	709	17/12/2018	15:30	47	61	54	49	44	0.0	0.4	2.7	113	24	75	708
16/12/2018	22:15	45	53	50	49	40	0.0	0.4	3.6	158	20	96	709	17/12/2018	15:45	50	64	60	51	45	0.0	1.3	4.0	90	25	73	708
16/12/2018	22:30	48	60	56	51	43	0.2	0.4	3.1	135	20	96	709	17/12/2018	16:00	49	59	54	51	45	0.0	1.8	5.4	90	25	74	708
16/12/2018	22:45	46	55	50	49	41	0.4	0.9	3.6	135	20	96	709	17/12/2018	16:15	50	65	56	52	46	0.0	1.8	6.3	113	24	79	708
16/12/2018	23:00	48	59	51	50	44	0.0	0.4	3.1	158	20	96	709	17/12/2018	16:30	51	65	58	53	47	0.0	1.3	5.4	113	24	80	708
16/12/2018	23:15	48	55	51	50	47	0.4	0.0	0.9	158	19	96	709	17/12/2018	16:45	51	60	58	53	47	0.0	1.3	4.0	90	23	80	708
16/12/2018	23:30	46	55	50	49	41	0.4	0.4	1.8	113	19	96	709	17/12/2018	17:00	52	70	63	53	47	0.0	1.3	5.8	90	23	61	708
16/12/2018	23:45	53	61	58	57	42	0.4	0.4	2.2	90	19	96	709	17/12/2018	17:15	52	70	57	53	48	0.0	0.9	3.1	90	23	84	708
17/12/2018	0:00	52	63	56	54	49	0.4	0.4	3.1	90	19	96	708	17/12/2018	17:30	55	81	58	54	48	0.0	1.3	4.0	90	22	87	709
17/12/2018	0:15	48	62	52	49	46	0.6	0.4	2.2	90	19	95	708	17/12/2018	17:45	50	61	54	52	47	0.0	1.3	4.0	113	22	88	709
17/12/2018	0:30	54	61	57	56	52	0.2	0.4	1.8	90	19	96	708	17/12/2018	18:00	49	61	55	52	46	0.0	1.3	8.7	113	21	89	709
17/12/2018	0:45	50	60	55	54	43	0.6	0.4	2.7	113	19	96	708	17/12/2018	18:15	52	70	62	53	47	0.0	0.9	4.0	113	21	90	709
17/12/2018	1:00	45	56	50	48	41	0.6	0.4	1.8	90	19	96	708	17/12/2018	18:30	51	67	63	53	46	0.0	1.3	4.9	113	21	92	709
17/12/2018	1:15																										

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)
17/12/2018	23:30	50	68	62	50	43	0.0	2.2	6.7	113	19	95	710
17/12/2018	23:45	48	59	55	50	43	0.0	1.8	6.7	90	19	95	709
18/12/2018	0:00	49	58	56	52	44	0.2	1.8	6.7	90	19	95	709
18/12/2018	0:15	47	58	53	50	42	0.0	1.8	6.3	113	19	95	709
18/12/2018	0:30	49	60	58	51	45	0.0	1.8	6.3	90	19	95	709
18/12/2018	0:45	48	59	56	50	43	0.0	1.8	5.8	68	19	95	709
18/12/2018	1:00	48	72	56	48	42	0.0	1.3	4.0	113	19	98	709
18/12/2018	1:15	48	63	56	51	44	0.2	0.9	3.6	90	19	96	709
18/12/2018	1:30	50	69	61	51	44	0.2	1.3	6.7	90	19	95	709
18/12/2018	1:45	46	65	53	48	42	0.0	1.8	7.6	90	19	95	709
18/12/2018	2:00	47	65	54	49	43	0.0	1.8	4.9	90	19	95	709
18/12/2018	2:15	47	56	53	49	43	0.0	1.8	5.8	90	18	95	708
18/12/2018	2:30	46	58	53	49	43	0.0	1.8	5.4	90	18	96	709
18/12/2018	2:45	48	60	56	50	43	0.0	1.3	4.9	90	18	96	709
18/12/2018	3:00	46	57	53	48	43	0.2	1.8	4.9	90	18	96	709
18/12/2018	3:15	48	61	55	50	43	0.0	1.8	4.9	90	18	95	708
18/12/2018	3:30	49	66	57	51	44	0.0	1.3	5.4	90	18	96	709
18/12/2018	3:45	47	57	53	49	42	0.0	1.8	4.9	113	18	95	709
18/12/2018	4:00	45	58	52	47	42	0.0	1.8	5.4	113	18	96	709
18/12/2018	4:15	49	60	55	51	44	0.2	1.8	4.9	90	18	96	709
18/12/2018	4:30	49	60	55	50	45	0.0	1.3	4.5	90	18	96	709
18/12/2018	4:45	48	62	55	50	44	0.0	1.3	4.0	90	18	96	709
18/12/2018	5:00	49	62	56	51	45	0.0	1.3	4.0	68	18	96	709
18/12/2018	5:15	49	64	56	51	46	0.0	1.3	3.1	68	18	96	709
18/12/2018	5:30	53	78	62	53	46	0.0	1.3	4.0	90	18	96	709
18/12/2018	5:45	52	72	62	53	47	0.0	1.8	4.9	113	18	96	710
18/12/2018	6:00	52	70	61	53	48	0.0	1.3	6.3	113	19	96	710
18/12/2018	6:15	52	68	61	54	48	0.2	1.3	4.9	90	19	96	710
18/12/2018	6:30	56	75	65	57	49	0.0	1.3	5.8	113	19	96	710
18/12/2018	6:45	52	68	59	54	49	0.0	1.3	3.6	68	19	96	710
18/12/2018	7:00	56	73	65	57	51	0.0	1.8	4.5	90	19	96	710
18/12/2018	7:15	53	69	61	55	49	0.0	1.8	8.9	90	19	96	710
18/12/2018	7:30	61	82	72	66	49	0.0	1.3	4.0	90	19	96	710
18/12/2018	7:45	52	65	60	54	48	0.0	1.3	4.9	90	19	96	711
18/12/2018	8:00	51	64	58	53	48	0.0	1.8	5.8	113	19	96	711
18/12/2018	8:15	52	70	61	53	48	0.2	0.9	4.0	90	19	96	711
18/12/2018	8:30	52	66	58	54	48	0.0	1.3	4.9	113	19	96	711
18/12/2018	8:45	51	70	57	53	48	0.0	1.3	5.8	90	19	96	711
18/12/2018	9:00	50	58	55	52	48	0.0	1.3	5.4	90	20	96	711
18/12/2018	9:15	62	83	77	53	48	0.0	1.3	4.0	113	20	96	711
18/12/2018	9:30	50	61	54	52	48	0.0	0.9	3.6	90	20	96	711
18/12/2018	9:45	50	63	54	52	48	0.0	0.9	2.7	90	20	96	711
18/12/2018	10:00	50	65	54	52	47	0.0	1.3	4.0	90	20	96	711
18/12/2018	10:15	56	76	71	51	45	0.0	1.3	5.4	90	20	96	711
18/12/2018	10:30	49	63	56	51	46	0.0	1.3	5.8	113	20	95	711
18/12/2018	10:45	51	65	63	51	45	0.0	0.9	4.0	113	21	93	711
18/12/2018	11:00	53	72	66	51	43	0.0	0.9	4.5	113	21	92	711
18/12/2018	11:15	56	81	68	52	45	0.0	0.9	3.1	90	21	88	711

Noise Monitoring Data Sheet

Inland Rail

SITE ID
G2H-6

From	Monday 10/12/2018 14:00	Meas. Type	Free Field	Package	Gowrie to Helidon
To	Wednesday 19/12/2018 13:00	Mic. Height (m)	1.8	Address	3 Hillsdale Crescent
Instrument Type	01 dB DUO	Weather Station	No	Suburb	Blue Mountain Heights
Instrument Serial #	12606	Operator	LNM	Land Use	Residential
Inst. Cal. Date	10/12/2018	Sample Int.	15 min	Latitude	27°30'32.65"S
Pre Calibration	94.1	RP Lot#	12/RP80617	Longitude	151°57'47.08"E
Post Calibration	94.5				

Daytime

RBL **34.5 dB(A)**

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

ABLs Day (Sat 8 am - 1 pm)

Monday 10/12/2018	35.2	dB(A)
Tuesday 11/12/2018	34.8	dB(A)
Wednesday 12/12/2018	37.2	dB(A)
Thursday 13/12/2018	38	dB(A)
Friday 14/12/2018	34.5	dB(A)
Saturday 15/12/2018	<21.1	dB(A)
Monday 17/12/2018	<21.1	dB(A)
Tuesday 18/12/2018	33.7	dB(A)
Wednesday 19/12/2018	<21.1	dB(A)

Evening

RBL **33.8 dB(A)**

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

ABLs Evening (Sat 1 pm - 10 pm)

ABLs Evening (Sun 7 am - 10 pm)

Monday 10/12/2018	33.8	dB(A)
Tuesday 11/12/2018	33.8	dB(A)
Wednesday 12/12/2018	35.2	dB(A)
Thursday 13/12/2018	35.8	dB(A)
Friday 14/12/2018	31.1	dB(A)
Saturday 15/12/2018	36.3	dB(A)
Sunday 16/12/2018	27.1	dB(A)
Monday 17/12/2018	45.0	dB(A)
Tuesday 18/12/2018	<21.1	dB(A)

Night

RBL **30.3 dB(A)**

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

ABLs Night (Fri 6pm - 8am)

Monday 10/12/2018	30.2	dB(A)
Tuesday 11/12/2018	30.3	dB(A)
Wednesday 12/12/2018	32.6	dB(A)
Thursday 13/12/2018	37.9	dB(A)
Friday 14/12/2018	<21.1	dB(A)
Saturday 15/12/2018	38.7	dB(A)
Sunday 16/12/2018	23.9	dB(A)
Monday 17/12/2018	38	dB(A)
Tuesday 18/12/2018	<21.1	dB(A)

Site Diagram - Diagram



Inland Rail

Project:60553814

Site Attended Measurements Summary

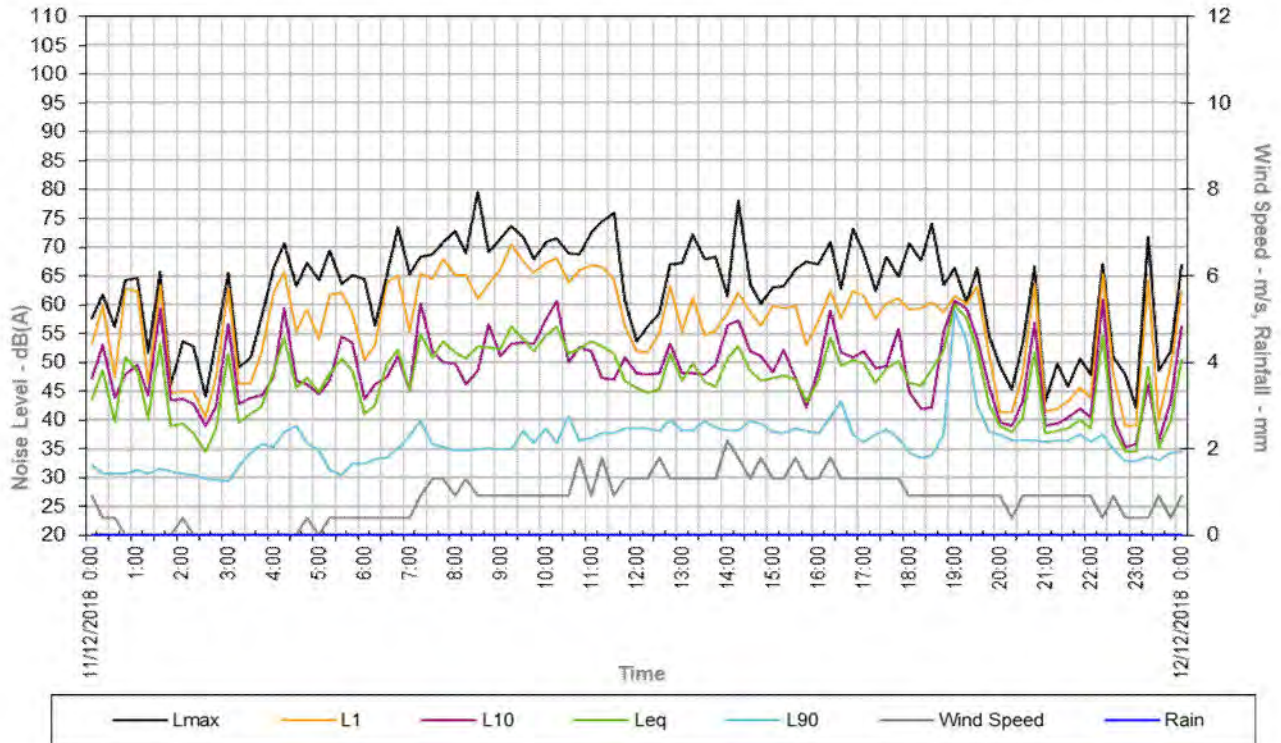
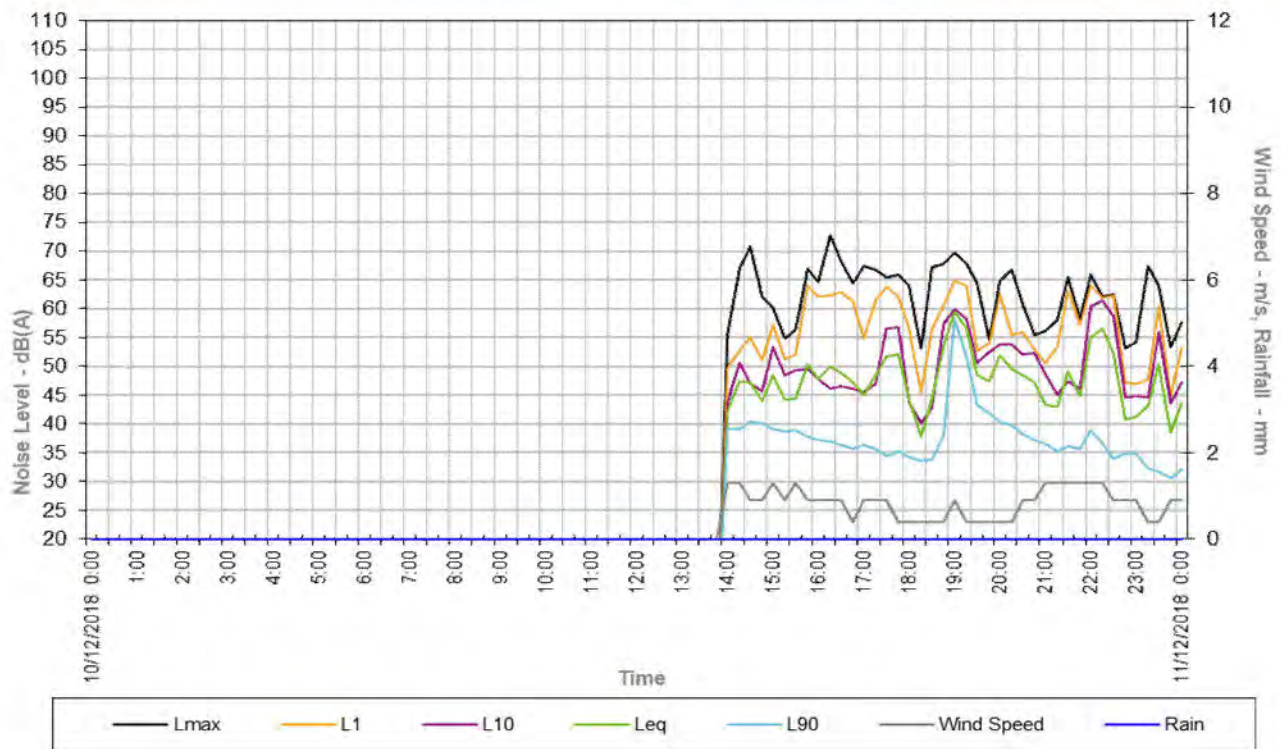
Site Attended Measurements Summary								Weather	
Date	Start	Measurement Type	Lmax	L1	L10	L90	Leq	Conditions Comply	End
10/12/2018	2:15 PM	Attended	70.0	50.4	47.8	38.2	45.2	Pass	2:30 PM
		Logged	66.9	52.7	50.7	39.2	47.5		
		Difference	3.1	-2.3	-2.9	-1.0	-2.3		
		Comments							
18/12/2018	2:45 PM	Attended	55.2	49.4	41.1	34.5	39.2	Pass	3:00 PM
		Logged	55.2	49.6	41.1	34.7	39.5		
		Difference	0.0	-0.2	0.0	-0.2	-0.3		
		Comments							

Photos



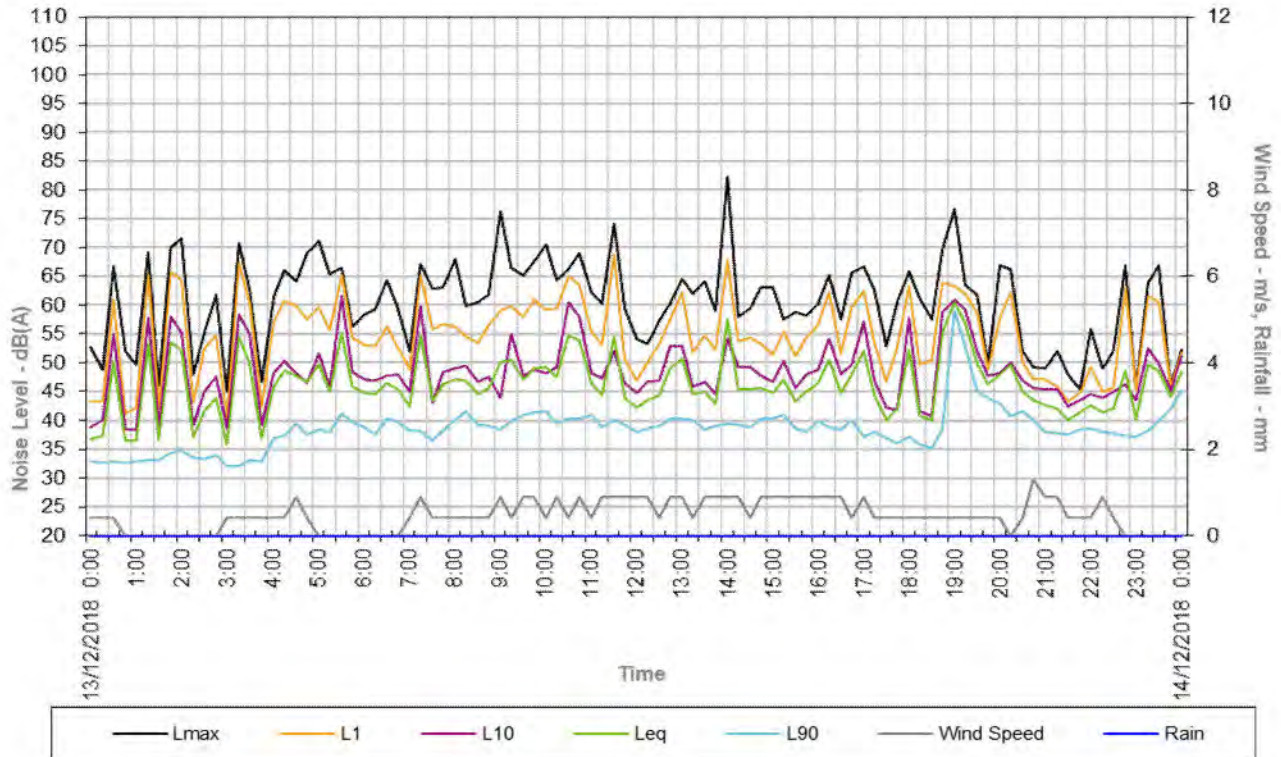
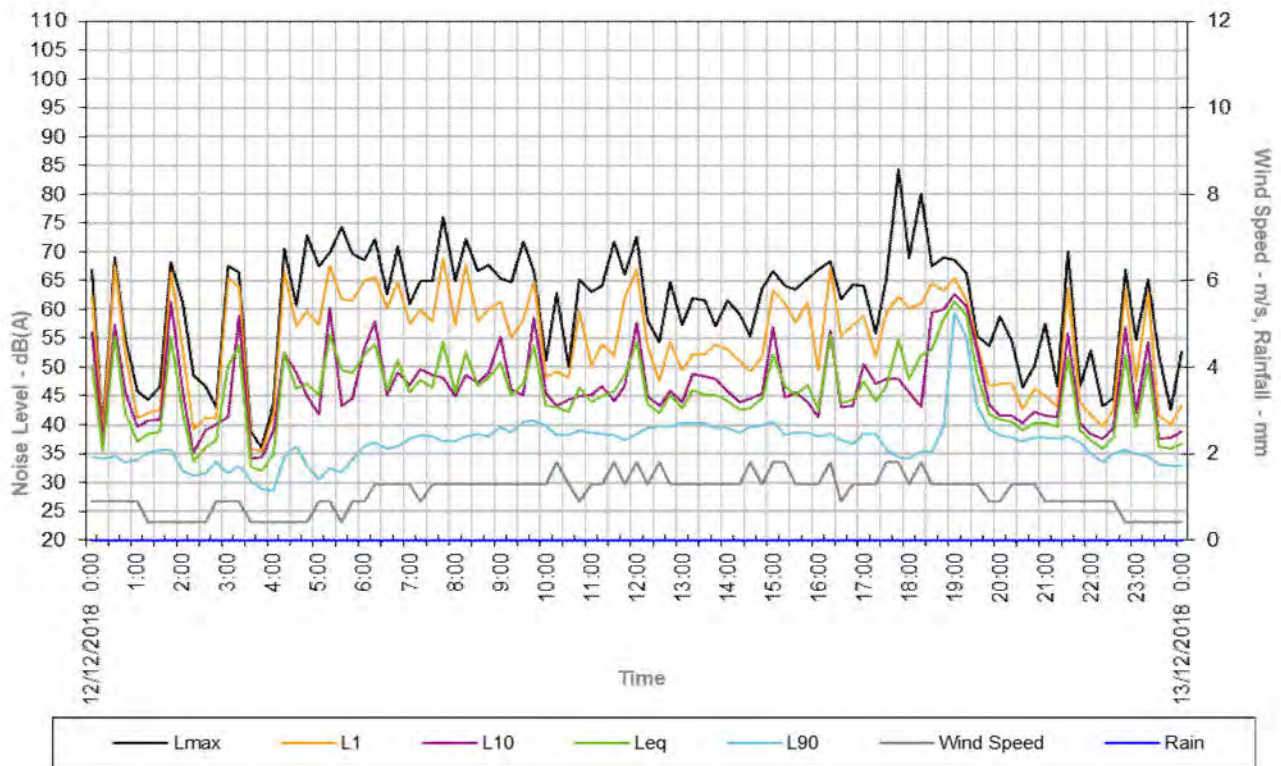
Site Noise and Weather Graphical Analysis

3 Hillsdale Crescent



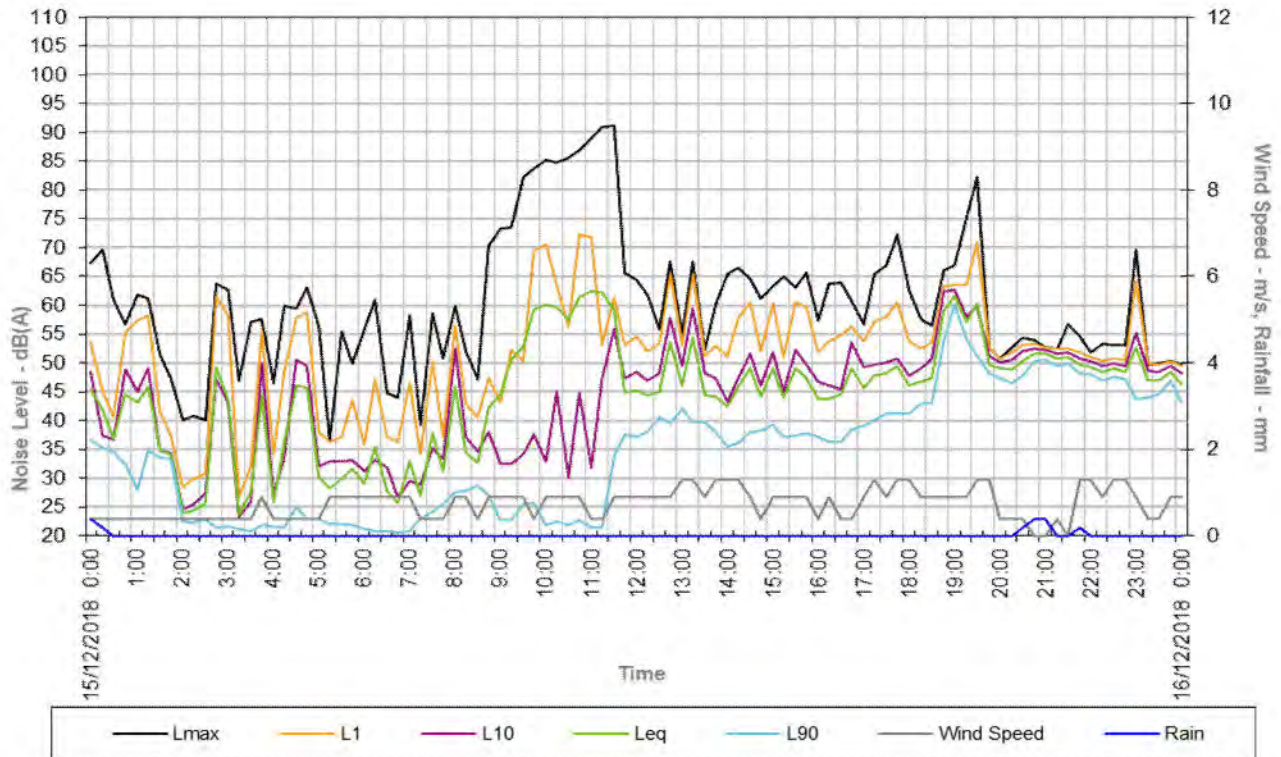
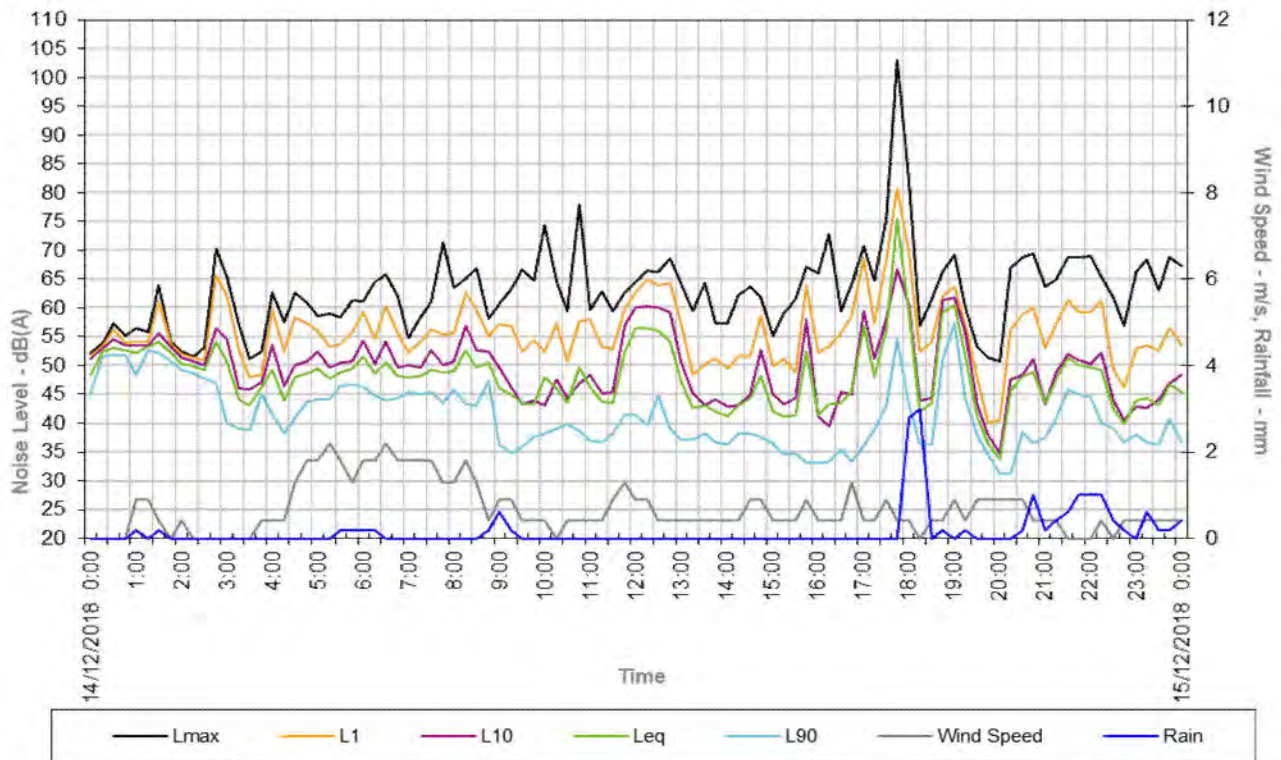
Site Noise and Weather Graphical Analysis

3 Hillsdale Crescent



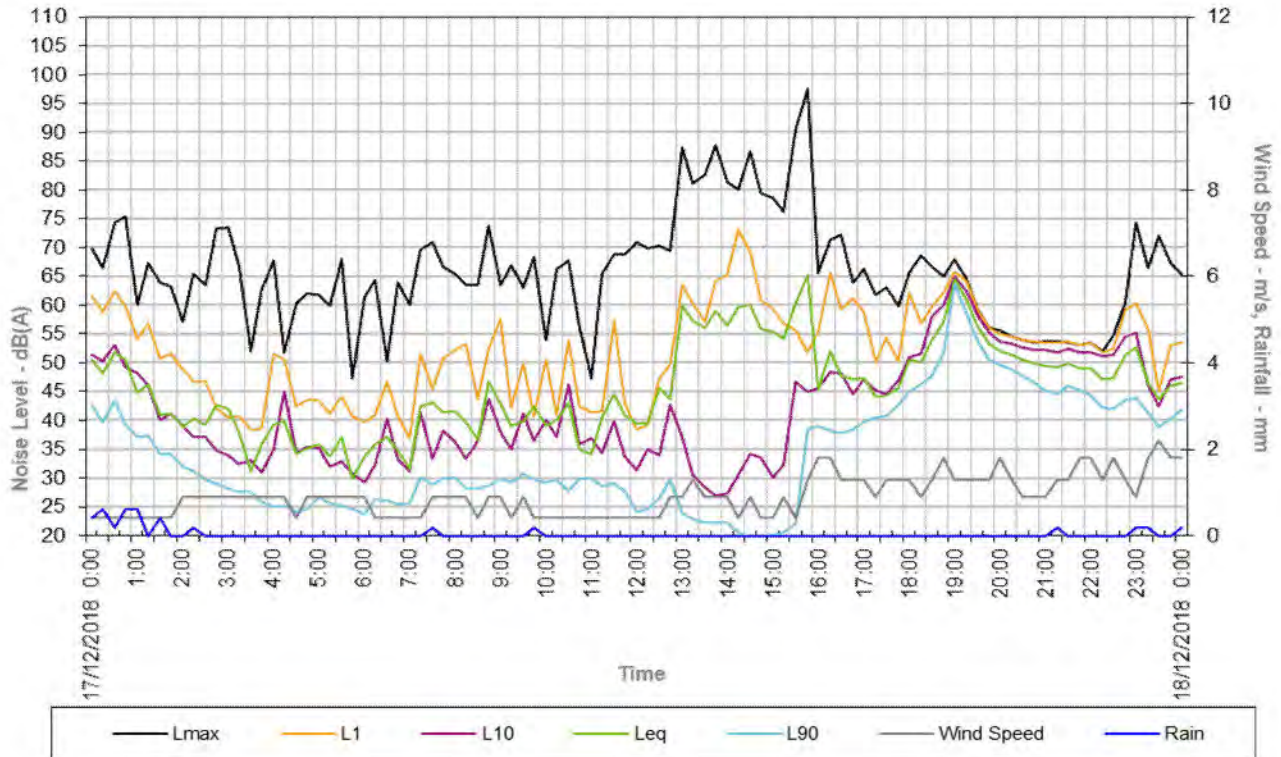
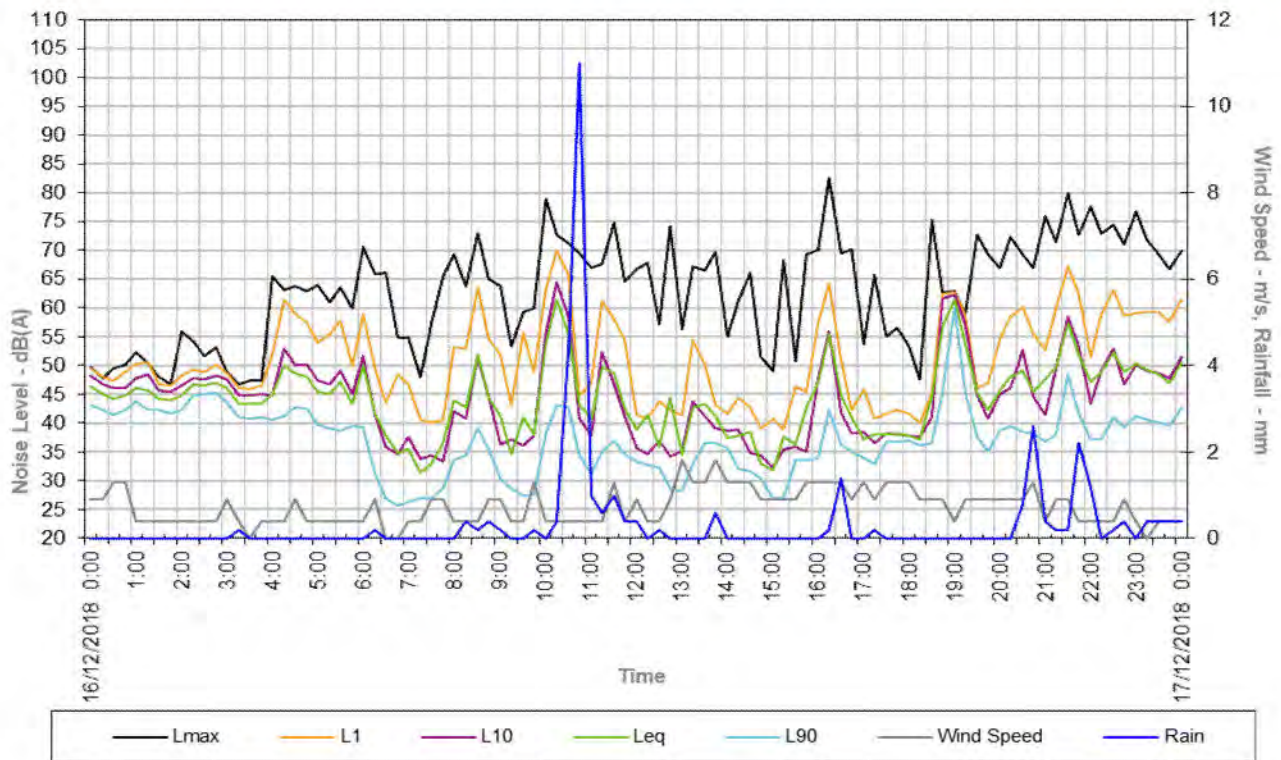
Site Noise and Weather Graphical Analysis

3 Hillsdale Crescent



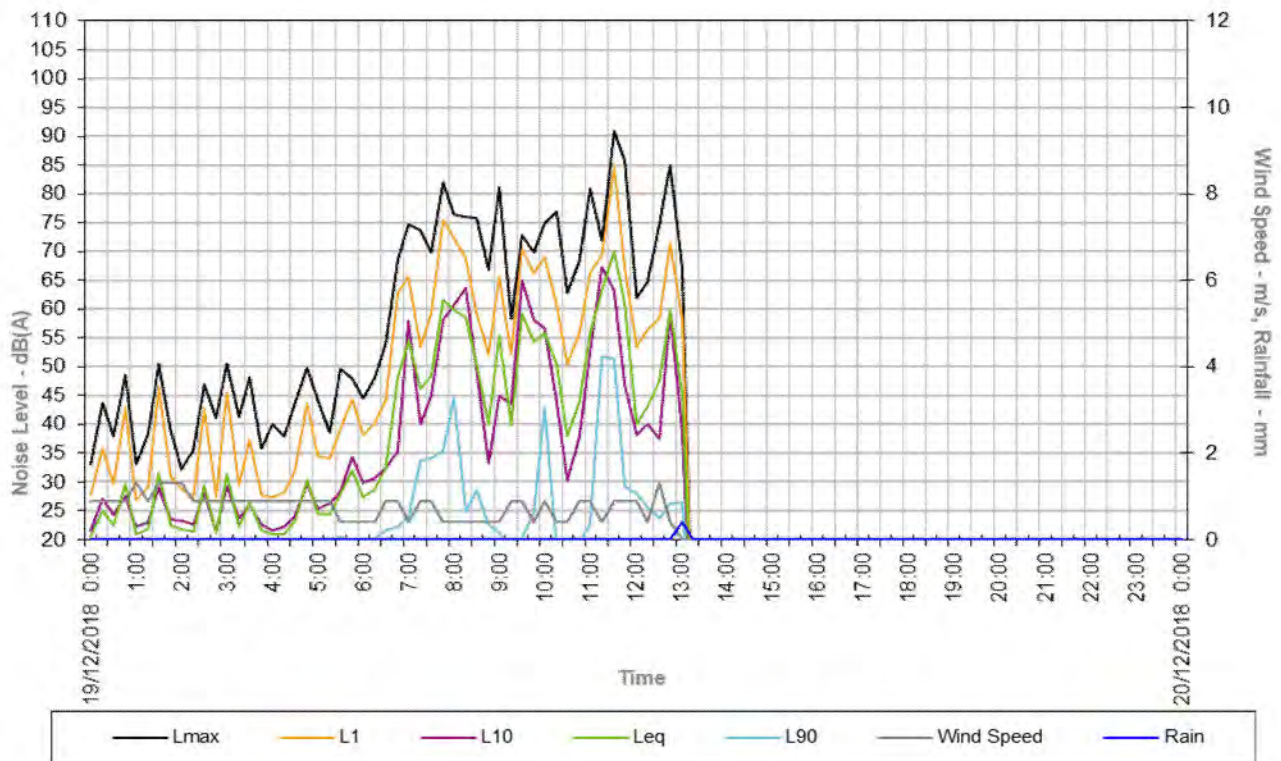
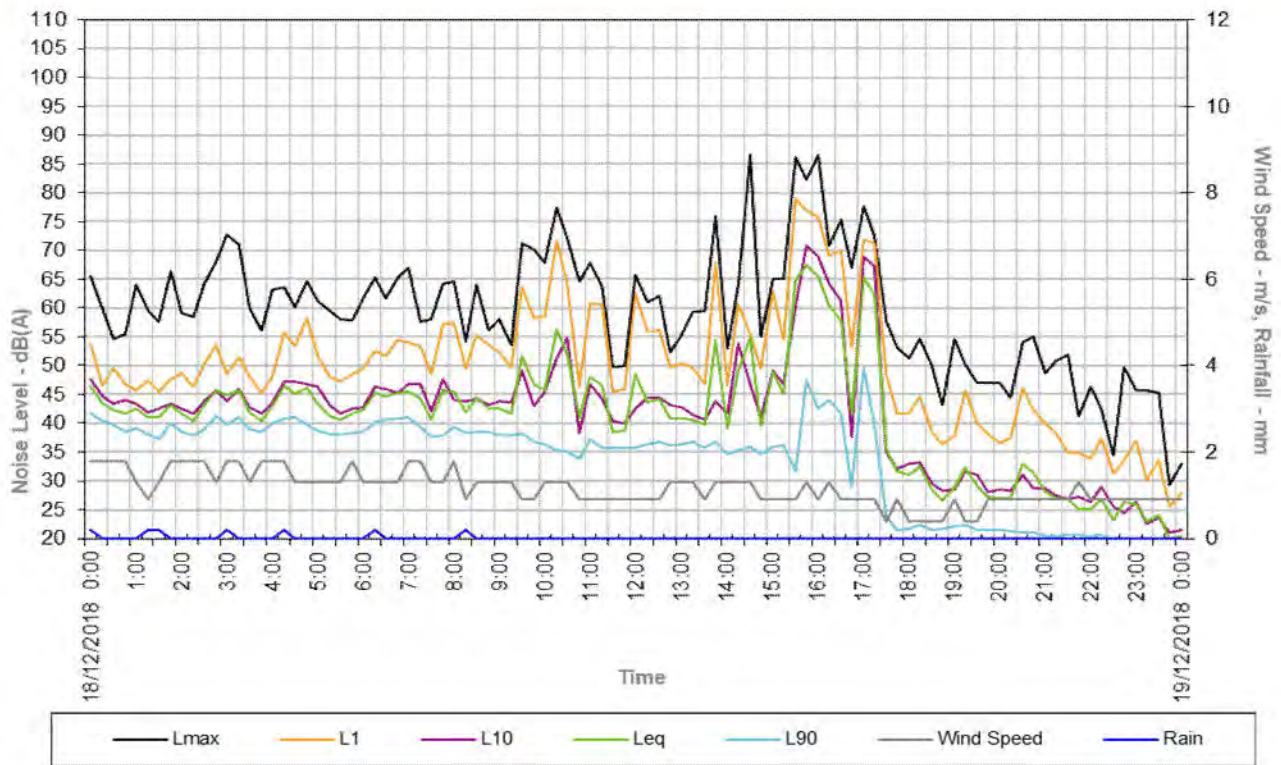
Site Noise and Weather Graphical Analysis

3 Hillsdale Crescent



Site Noise and Weather Graphical Analysis

3 Hillsdale Crescent



Logged Noise and Weather Data													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)	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)
10/12/2018	14:00	42	56	50	44	39	0.0	1.3	3.6	90	26	43	712	11/12/2018	7:30	51	69	65	52	36	0.0	1.3	3.6	90	19	81	713
10/12/2018	14:15	47	67	53	51	39	0.0	1.3	4.9	113	28	41	711	11/12/2018	7:45	54	71	68	50	35	0.0	1.3	3.6	90	20	78	713
10/12/2018	14:30	47	71	55	47	40	0.0	0.9	5.4	90	28	42	711	11/12/2018	8:00	52	73	65	50	35	0.0	0.9	3.1	135	20	75	713
10/12/2018	14:45	44	62	51	46	40	0.0	0.9	4.9	90	28	43	711	11/12/2018	8:15	51	69	65	46	35	0.0	1.3	3.6	90	21	72	713
10/12/2018	15:00	49	60	57	53	39	0.0	1.3	5.8	135	27	45	711	11/12/2018	8:30	53	80	61	49	35	0.0	0.9	2.7	113	21	72	713
10/12/2018	15:15	44	55	51	49	39	0.0	0.9	4.0	90	27	44	710	11/12/2018	8:45	53	69	64	57	35	0.0	0.9	4.0	113	22	68	714
10/12/2018	15:30	44	56	52	49	39	0.0	1.3	5.4	90	28	43	711	11/12/2018	9:00	52	71	66	51	35	0.0	0.9	3.1	113	22	67	713
10/12/2018	15:45	50	67	64	50	36	0.0	0.9	3.6	113	28	42	710	11/12/2018	9:15	56	74	71	53	35	0.0	0.9	3.1	113	23	66	713
10/12/2018	16:00	48	65	62	48	37	0.0	0.9	2.7	90	28	42	710	11/12/2018	9:30	54	72	67	54	38	0.0	0.9	4.0	113	23	62	713
10/12/2018	16:15	50	73	62	46	37	0.0	0.9	2.7	90	28	43	710	11/12/2018	9:45	52	68	66	53	36	0.0	0.9	3.1	113	24	60	713
10/12/2018	16:30	49	68	63	47	36	0.0	0.9	3.1	90	27	42	710	11/12/2018	10:00	56	71	67	58	39	0.0	0.9	3.1	135	23	61	713
10/12/2018	16:45	47	64	61	46	36	0.0	0.4	2.2	113	28	44	710	11/12/2018	10:15	58	72	68	61	36	0.0	0.9	4.0	90	23	58	713
10/12/2018	17:00	45	67	55	48	36	0.0	0.9	4.9	113	28	42	711	11/12/2018	10:30	51	69	64	50	41	0.0	0.9	5.4	90	24	54	713
10/12/2018	17:15	48	67	61	47	36	0.0	0.9	4.0	135	27	44	711	11/12/2018	10:45	52	69	66	53	36	0.0	1.8	4.9	113	25	54	713
10/12/2018	17:30	52	66	64	57	35	0.0	0.9	3.6	113	27	45	711	11/12/2018	11:00	54	73	67	52	37	0.0	0.9	4.5	90	25	53	713
10/12/2018	17:45	52	66	62	57	35	0.0	0.4	2.7	90	27	46	711	11/12/2018	11:15	53	75	67	47	38	0.0	1.8	4.0	135	25	51	713
10/12/2018	18:00	44	64	57	44	34	0.0	0.4	2.7	90	28	48	711	11/12/2018	11:30	52	76	64	47	38	0.0	0.9	3.6	90	25	50	713
10/12/2018	18:15	38	53	45	40	34	0.0	0.4	2.7	113	25	50	711	11/12/2018	11:45	47	61	57	51	39	0.0	1.3	4.9	90	26	48	713
10/12/2018	18:30	44	67	56	43	34	0.0	0.4	1.8	113	25	52	712	11/12/2018	12:00	46	54	52	48	39	0.0	1.3	4.0	90	26	47	713
10/12/2018	18:45	54	68	61	57	38	0.0	0.4	3.1	135	24	55	712	11/12/2018	12:15	45	56	52	48	39	0.0	1.3	4.9	90	26	48	712
10/12/2018	19:00	59	70	65	60	58	0.0	0.9	4.9	113	24	57	712	11/12/2018	12:30	45	59	55	48	38	0.0	1.8	4.0	90	26	47	712
10/12/2018	19:15	57	68	64	58	52	0.0	0.4	3.6	90	23	60	712	11/12/2018	12:45	51	67	63	53	40	0.0	1.3	4.5	113	27	46	712
10/12/2018	19:30	48	64	53	51	43	0.0	0.4	3.6	90	23	62	712	11/12/2018	13:00	47	67	55	48	38	0.0	1.3	5.4	113	27	45	712
10/12/2018	19:45	47	55	54	53	42	0.0	0.4	4.0	90	22	63	712	11/12/2018	13:15	50	72	61	48	38	0.0	1.3	4.5	90	27	45	712
10/12/2018	20:00	52	65	63	54	41	0.0	0.4	1.8	90	22	65	712	11/12/2018	13:30	47	68	55	48	40	0.0	1.3	4.5	90	27	44	712
10/12/2018	20:15	49	67	55	54	40	0.0	0.4	2.7	135	22	69	712	11/12/2018	13:45	46	68	56	50	39	0.0	1.3	5.4	90	28	44	712
10/12/2018	20:30	49	61	58	52	38	0.0	0.9	4.9	113	21	70	713	11/12/2018	14:00	51	62	59	56	38	0.0	2.2	6.7	135	28	42	712
10/12/2018	20:45	47	56	53	52	37	0.0	0.9	3.6	113	21	70	713	11/12/2018	14:15	53	78	62	57	38	0.0	1.8	4.9	113	28	43	711
10/12/2018	21:00	43	56	51	49	37	0.0	1.3	4.0	113	20	72	713	11/12/2018	14:30	49	64	59	52	40	0.0	1.3	4.9	90	28	44	711
10/12/2018	21:15	43	58	53	45	35	0.0	1.3	4.0	113	20	73	713	11/12/2018	14:45	47	60	57	51	39	0.0	1.8	5.4	90	28	43	711
10/12/2018	21:30	49	66	63	48	36	0.0	1.3	5.4	90	20	75	713	11/12/2018	15:00	47	63	60	48	38	0.0	1.3	4.9	113	28	42	711
10/12/2018	21:45	45	58	57	46	36	0.0	1.3	4.9	113	19	76	713	11/12/2018	15:15	48	63	59	52	38	0.0	1.3	5.8	90	28	42	711
10/12/2018	22:00	55	66	64	60	39	0.0	1.3	4.9	113	19	79	713	11/12/2018	15:30	47	66	60	47	39	0.0	1.8	5.4	90	28	43	711
10/12/2018	22:15	57	62	62	62	37	0.0	1.3	4.0	113	19	80	713	11/12/2018	15:45	43	67	53	42	38	0.0	1.3	4.0	90	28	42	711
10/12/2018	22:30	52	62	62	59	34	0.0	0.9	3.6	113	19	81	713	11/12/2018	16:00	47	67	57	49	38	0.0	1.3	5.8	90	28	43	711
10/12/2018	22:45	41	53	47	45	35	0.0	0.9	3.1	90	18	82	713	11/12/2018	16:15	54	71	62	59	41	0.0	1.8	4.9	113	28	43	711
10/12/2018	23:00	41	54	47	45	35	0.0	0.9	3.6	113	18	83	713	11/12/2018	16:30	49	63	58	52	43	0.0	1.3	5.4	90	27	44	711
10/12/2018	23:15	43	67	48	45	32	0.0	0.4	4.0	90	18	83	713	11/12/2018	16:45	50	73	62	51	37	0.0	1.3	3.6	90	27	45	711
10/12/2018	23:30	50	64	60	56	32	0.0	0.4	1.3	113	18	84	713	11/12/2018	17:00	50	69	61	52	36	0.0	1.3	4.5	113	27	47	711
10/12/2018	23:45	36	53	45	44	31	0.0	0.9	4.0	113	18	86	713	11/12/2018	17:15	46	62	58	49	38	0.0	1.3	4.0	135	27	48	711
11/12/2018	0:00	44	58	53	47	32	0.0	0.9	3.6	113	18	86	713	11/12/2018	17:30	49	68	60	49	38	0.0	1.3	6.3	68	26	50	711
11/12/2018	0:15	49	62	60	53	31	0.0	0.4	3.1	90	17	88	713	11/12/2018	17:45	50	65	61	56	37	0.0	1.3	3.6	90	26	52	711
11/12/2018	0:30	40	56	48	44	31	0.0	0.4	1.8	113	17	89	713	11/12/2018	18:00	46	71	59	45	34	0.0	0.9	2.7	90	25	54	711
11/12/2018	0:45	51	64	63	48	31	0.0	0.0	2.2	113	17	90	713	11/12/2018	18:15	46	68	59	42	34	0.0	0.9	3.6	68	24	56	711
11/12/2018	1:00	49	65	62	50	31	0.0	0.0	1.8	113	17	90	712	11/12/2018	18:30	49	74	60	42	34	0.0	0.9	3.1	68	24	58	711
11/12/2018	1:15	40	52	46	44	31	0.0	0.0	0.9	113	17	90	712	11/12/2018	18:45	52	63	59	55	38	0.0	0.9	4.5	90	23	61	712
11/12/2018	1:30	53	66	64	59	32	0.0	0.0	1.8	113	17	91	712	11/12/2018	19:00	60	66	62	61	59	0.0	0.9	3.1	90	23	62	712
11/12/2018	1:45	39	46	45	44	31	0.0	0.0	0.9	113	17	91	712	11/12/2018	19:15	58	60	60	59	54	0.0	0.9	5.4	113	22	64	712
11/12/2018	2:00	39	54	45	44	31	0.0	0.4	1.8	113	17	91	712	11/12/2018	19:30	52	66	63	54	43	0.0	0.9	3.6	90	22	65	712
11/12/2018	2:15	38	53	45	43	30	0.0	0.0	0.9	113	17	92	712	11/12/2018	19:45	43	54	51	46	38	0.0	0.9	3.1	90	21	66	712
11/12/2018	2:30	34	44	41	39	30	0.0	0.0	0.9	113	17	92	712	11/12/2018	20:00	39	49	41	40	38	0.0	0.9	2.7	90	21	66	712
11/12/2018	2:45	39	54	47	42	30	0.0	0.0	0.9	113	17	92	71														

Logged Noise and Weather Data														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)	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)
12/12/2018	1:00	37	46	41	40	34	0.0	0.9	3.1	90	18	89	712	12/12/2018	18:30	53	67	65	59	35	0.0	1.3	4.9	113	24	58	709
12/12/2018	1:15	36	44	42	41	35	0.0	0.4	2.7	90	18	89	712	12/12/2018	18:45	58	69	63	60	40	0.0	1.3	4.9	90	24	60	709
12/12/2018	1:30	39	47	43	41	36	0.0	0.4	2.7	113	18	89	712	12/12/2018	19:00	61	69	65	63	59	0.0	1.3	6.3	90	23	62	709
12/12/2018	1:45	55	68	67	61	36	0.0	0.4	2.2	90	18	89	711	12/12/2018	19:15	59	66	62	61	55	0.0	1.3	6.3	90	23	64	710
12/12/2018	2:00	42	61	53	48	32	0.0	0.4	2.7	113	18	90	712	12/12/2018	19:30	49	55	54	53	43	0.0	1.3	4.9	90	22	66	710
12/12/2018	2:15	34	49	39	35	31	0.0	0.4	1.8	90	17	90	712	12/12/2018	19:45	42	54	47	44	39	0.0	0.9	3.1	90	22	68	710
12/12/2018	2:30	36	47	41	39	32	0.0	0.4	1.8	113	17	91	711	12/12/2018	20:00	41	59	47	42	38	0.0	0.9	3.6	90	22	68	709
12/12/2018	2:45	37	43	41	40	34	0.0	0.9	1.8	90	17	91	711	12/12/2018	20:15	41	55	47	42	38	0.0	1.3	4.9	90	21	70	710
12/12/2018	3:00	50	68	65	41	32	0.0	0.9	3.1	90	17	92	711	12/12/2018	20:30	39	46	43	40	37	0.0	1.3	6.7	113	21	72	710
12/12/2018	3:15	54	66	64	59	33	0.0	0.9	2.7	90	17	92	711	12/12/2018	20:45	40	50	46	42	38	0.0	1.3	6.3	90	20	74	710
12/12/2018	3:30	33	39	36	34	30	0.0	0.4	2.2	90	17	93	711	12/12/2018	21:00	40	58	45	42	38	0.0	0.9	6.3	90	20	76	710
12/12/2018	3:45	32	36	35	34	29	0.0	0.4	1.8	90	17	93	711	12/12/2018	21:15	40	47	43	41	38	0.0	0.9	4.9	113	20	78	710
12/12/2018	4:00	35	44	42	39	29	0.0	0.4	2.7	113	17	93	711	12/12/2018	21:30	52	70	64	56	38	0.0	0.9	3.1	90	20	80	710
12/12/2018	4:15	52	70	67	53	34	0.0	0.4	0.9	90	17	93	711	12/12/2018	21:45	39	47	44	40	37	0.0	0.9	4.0	90	19	80	710
12/12/2018	4:30	46	61	57	49	36	0.0	0.4	1.8	90	17	94	711	12/12/2018	22:00	37	53	42	39	35	0.0	0.9	3.1	90	19	82	710
12/12/2018	4:45	47	73	60	45	33	0.0	0.4	2.7	90	17	94	711	12/12/2018	22:15	36	43	40	38	34	0.0	0.9	3.1	90	19	83	710
12/12/2018	5:00	45	67	57	42	31	0.0	0.9	2.2	90	17	94	711	12/12/2018	22:30	38	45	43	40	35	0.0	0.9	3.1	113	19	84	710
12/12/2018	5:15	56	70	68	60	32	0.0	0.9	2.7	90	17	94	711	12/12/2018	22:45	52	67	64	57	36	0.0	0.4	2.2	113	19	85	710
12/12/2018	5:30	49	74	62	43	32	0.0	0.4	3.1	90	17	94	711	12/12/2018	23:00	40	55	48	42	35	0.0	0.4	2.2	113	19	85	710
12/12/2018	5:45	49	70	62	45	34	0.0	0.9	2.7	90	17	94	711	12/12/2018	23:15	51	65	63	54	35	0.0	0.4	2.7	135	18	86	710
12/12/2018	6:00	52	69	65	53	36	0.0	0.9	3.1	90	17	94	711	12/12/2018	23:30	36	52	42	38	33	0.0	0.4	2.2	113	18	86	710
12/12/2018	6:15	54	72	66	58	37	0.0	1.3	3.6	90	17	94	711	12/12/2018	23:45	36	43	40	38	33	0.0	0.4	2.2	90	18	86	710
12/12/2018	6:30	46	63	60	45	36	0.0	1.3	3.1	68	17	94	711	13/12/2018	0:00	37	53	43	39	33	0.0	0.4	1.8	90	18	86	710
12/12/2018	6:45	51	71	65	49	36	0.0	1.3	2.7	90	17	94	711	13/12/2018	0:15	37	49	43	40	33	0.0	0.4	2.2	90	18	86	709
12/12/2018	7:00	46	61	58	47	38	0.0	1.3	3.6	68	17	94	712	13/12/2018	0:30	50	67	61	55	33	0.0	0.4	0.9	90	18	87	709
12/12/2018	7:15	48	65	60	50	38	0.0	0.9	3.6	90	17	94	712	13/12/2018	0:45	36	52	41	38	33	0.0	0.0	1.3	90	18	87	709
12/12/2018	7:30	47	65	58	49	36	0.0	1.3	2.7	90	18	90	712	13/12/2018	1:00	36	50	42	38	33	0.0	0.0	0.9	90	18	87	709
12/12/2018	7:45	54	76	69	48	37	0.0	1.3	4.9	90	19	83	712	13/12/2018	1:15	53	69	65	58	33	0.0	0.0	0.4	90	18	87	709
12/12/2018	8:00	46	65	57	45	37	0.0	1.3	4.0	90	20	76	712	13/12/2018	1:30	37	46	42	39	33	0.0	0.0	0.4	90	18	87	709
12/12/2018	8:15	53	72	68	49	38	0.0	1.3	6.3	90	21	72	712	13/12/2018	1:45	54	70	66	58	34	0.0	0.0	0.9	90	18	87	709
12/12/2018	8:30	47	67	58	47	38	0.0	1.3	4.0	90	21	72	712	13/12/2018	2:00	52	72	64	55	35	0.0	0.0	0.4	90	18	87	709
12/12/2018	8:45	48	68	60	49	38	0.0	1.3	4.0	90	22	68	712	13/12/2018	2:15	37	48	43	39	34	0.0	0.0	0.9	90	18	87	709
12/12/2018	9:00	51	66	61	55	40	0.0	1.3	4.5	90	22	67	712	13/12/2018	2:30	42	55	53	45	33	0.0	0.0	0.4	90	18	87	709
12/12/2018	9:15	45	65	55	46	39	0.0	1.3	4.5	113	22	65	712	13/12/2018	2:45	44	62	55	48	34	0.0	0.0	0.4	90	18	87	708
12/12/2018	9:30	47	72	58	45	41	0.0	1.3	3.6	135	23	61	712	13/12/2018	3:00	36	45	41	39	32	0.0	0.4	1.3	90	18	88	708
12/12/2018	9:45	54	67	65	59	41	0.0	1.3	5.8	113	23	61	712	13/12/2018	3:15	55	71	67	58	32	0.0	0.4	1.3	90	18	89	708
12/12/2018	10:00	43	51	48	46	40	0.0	1.3	4.9	90	24	58	712	13/12/2018	3:30	50	63	60	55	33	0.0	0.4	1.3	90	17	89	708
12/12/2018	10:15	43	63	49	43	38	0.0	1.8	4.0	113	24	55	712	13/12/2018	3:45	37	47	42	39	33	0.0	0.4	1.3	90	17	90	708
12/12/2018	10:30	42	50	48	44	38	0.0	1.3	4.0	135	24	55	712	13/12/2018	4:00	48	61	57	48	37	0.0	0.4	1.8	90	17	90	708
12/12/2018	10:45	47	65	60	45	39	0.0	0.9	4.5	113	25	55	711	13/12/2018	4:15	49	66	61	50	37	0.0	0.4	3.1	90	17	91	708
12/12/2018	11:00	44	63	50	45	39	0.0	1.3	5.4	90	25	53	711	13/12/2018	4:30	48	64	60	48	39	0.0	0.9	2.2	90	17	91	708
12/12/2018	11:15	45	64	54	47	38	0.0	1.3	3.6	113	26	52	711	13/12/2018	4:45	47	69	58	46	38	0.0	0.4	1.3	90	17	92	708
12/12/2018	11:30	46	72	52	44	38	0.0	1.8	3.6	113	26	51	711	13/12/2018	5:00	50	71	60	52	38	0.0	0.0	1.3	90	17	92	708
12/12/2018	11:45	49	66	62	47	37	0.0	1.3	4.0	90	26	50	711	13/12/2018	5:15	45	65	56	46	38	0.0	0.0	0.4	90	17	92	709
12/12/2018	12:00	54	73	67	58	38	0.0	1.8	4.9	90	27	49	711	13/12/2018	5:30	55	66	65	62	41	0.0	0.0	0.4	90	17	92	709
12/12/2018	12:15	44	58	54	45	39	0.0	1.3	3.6	113	27	48	710	13/12/2018	5:45	46	56	54	48	40	0.0	0.0	0.9	90	17	92	709
12/12/2018	12:30	42	54	48	43	40	0.0	1.8	5.4	113	28	46	710	13/12/2018	6:00	45	58	53	47	39	0.0	0.0	0.9	90	18	91	709
12/12/2018	12:45	45	65	54	46	40	0.0	1.3	4.0	113	28	45	710	13/12/2018	6:15	45	59	53	47	38	0.0	0.0	0.4	90	18	90	709
12/12/2018	13:00	43	57	50	44	40	0.0	1.3	4.0	90	28	46	710	13/12/2018	6:30	46	64	56	48	40	0.0	0.0	0.4	90	18	89	709
12/12/2018	13:15	46	62	52	49	40	0.0	1.3	6.3	113	28	45	710	13/12/2018	6:45	45	59	53	48	40	0.0	0.0	1.3	90	18	86	709
12/12/2018	13:30	45	61	52	48	40	0.0	1.3	4.9	90	28	45	710	13/12/2018	7:00	43	52	49	45	38	0.0	0.4	1.8	90	19	81	709
12/12/2018	13:45	45	57	54	48	39	0.0	1.3	5.4	135	29	44															

Logged Noise and Weather Data														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)	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)
13/12/2018	12:00	42	54	47	45	38	0.0	0.9	2.7	0	30	43	707	14/12/2018	5:30	49	58	54	51	46	0.2	1.8	4.9	293	20	91	706
13/12/2018	12:15	44	53	50	47	39	0.0	0.9	2.7	0	30	42	707	14/12/2018	5:45	49	61	56	51	47	0.2	1.3	3.6	293	19	90	706
13/12/2018	12:30	44	57	53	47	39	0.0	0.4	2.7	90	30	42	706	14/12/2018	6:00	52	61	59	54	46	0.2	1.8	3.6	293	19	91	706
13/12/2018	12:45	49	60	58	53	40	0.0	0.9	2.7	45	30	42	706	14/12/2018	6:15	49	65	55	50	45	0.2	1.8	5.8	293	19	90	706
13/12/2018	13:00	51	65	62	53	40	0.0	0.9	3.6	23	30	42	706	14/12/2018	6:30	51	66	60	54	44	0.0	2.2	5.4	293	19	92	706
13/12/2018	13:15	44	62	52	46	40	0.0	0.4	2.7	23	30	41	706	14/12/2018	6:45	48	62	56	50	44	0.0	1.8	4.9	293	19	91	706
13/12/2018	13:30	45	64	55	47	39	0.0	0.9	2.2	293	31	37	706	14/12/2018	7:00	48	55	52	50	46	0.0	1.8	4.0	270	19	92	706
13/12/2018	13:45	43	59	52	45	39	0.0	0.9	3.1	45	32	36	705	14/12/2018	7:15	48	58	54	50	45	0.0	1.8	3.6	270	19	92	706
13/12/2018	14:00	56	82	68	54	39	0.0	0.9	2.7	90	32	36	705	14/12/2018	7:30	49	61	56	53	45	0.0	1.8	3.6	293	19	92	706
13/12/2018	14:15	45	58	54	49	39	0.0	0.9	2.7	0	32	36	705	14/12/2018	7:45	49	71	55	50	44	0.0	1.3	2.7	270	19	91	706
13/12/2018	14:30	45	59	54	49	39	0.0	0.4	2.7	0	32	37	705	14/12/2018	8:00	49	63	56	51	46	0.0	1.3	3.6	270	19	90	705
13/12/2018	14:45	46	63	53	48	40	0.0	0.9	3.1	338	32	34	704	14/12/2018	8:15	53	65	63	57	43	0.0	1.8	4.9	293	19	90	706
13/12/2018	15:00	45	63	51	47	40	0.0	0.9	3.1	135	33	34	704	14/12/2018	8:30	50	67	60	53	43	0.0	1.3	4.9	270	20	89	706
13/12/2018	15:15	47	58	56	50	41	0.0	0.9	3.6	0	33	32	704	14/12/2018	8:45	51	58	55	53	47	0.2	0.4	2.2	90	20	85	706
13/12/2018	15:30	43	59	51	46	39	0.0	0.9	4.5	23	33	34	704	14/12/2018	9:00	46	61	57	50	36	0.6	0.9	1.8	90	19	87	705
13/12/2018	15:45	45	58	54	46	38	0.0	0.9	2.2	23	32	35	704	14/12/2018	9:15	45	63	57	46	35	0.2	0.9	1.8	90	19	90	705
13/12/2018	16:00	47	60	57	49	40	0.0	0.9	2.7	0	32	36	704	14/12/2018	9:30	43	67	52	43	36	0.0	0.4	1.8	225	20	89	706
13/12/2018	16:15	50	65	62	54	39	0.0	0.9	3.1	0	31	38	704	14/12/2018	9:45	43	65	54	44	36	0.0	0.4	1.8	113	20	87	706
13/12/2018	16:30	45	58	52	48	39	0.0	0.9	2.7	68	30	41	704	14/12/2018	10:00	48	74	52	43	38	0.0	0.4	1.8	315	21	83	706
13/12/2018	16:45	48	66	60	50	40	0.0	0.4	2.7	135	29	41	704	14/12/2018	10:15	46	64	57	48	39	0.0	0.0	1.8	315	23	81	706
13/12/2018	17:00	52	67	63	57	37	0.0	0.9	2.7	23	28	43	704	14/12/2018	10:30	44	60	51	44	40	0.0	0.4	2.2	135	24	74	705
13/12/2018	17:15	44	63	54	47	38	0.0	0.4	2.2	23	28	45	705	14/12/2018	10:45	50	78	58	47	39	0.0	0.4	1.8	113	24	73	705
13/12/2018	17:30	40	53	47	42	37	0.0	0.4	2.7	23	27	46	705	14/12/2018	11:00	46	60	58	49	37	0.0	0.4	2.2	23	25	69	705
13/12/2018	17:45	42	61	53	42	36	0.0	0.4	2.2	23	27	47	705	14/12/2018	11:15	44	63	53	45	37	0.0	0.4	2.2	23	26	66	705
13/12/2018	18:00	52	66	63	58	37	0.0	0.4	2.7	45	26	48	705	14/12/2018	11:30	44	59	53	46	38	0.0	0.9	2.7	23	27	64	705
13/12/2018	18:15	41	61	50	42	36	0.0	0.4	2.7	0	26	49	706	14/12/2018	11:45	52	63	60	57	41	0.0	1.3	3.6	23	28	61	705
13/12/2018	18:30	40	58	51	41	35	0.0	0.4	2.2	338	26	51	706	14/12/2018	12:00	56	65	63	60	41	0.0	0.9	3.1	0	29	60	705
13/12/2018	18:45	55	70	64	59	38	0.0	0.4	2.7	0	26	53	706	14/12/2018	12:15	56	66	65	60	40	0.0	0.9	3.1	23	30	59	705
13/12/2018	19:00	61	77	63	61	59	0.0	0.4	1.8	23	25	54	706	14/12/2018	12:30	56	66	64	60	45	0.0	0.4	3.1	23	29	57	705
13/12/2018	19:15	57	63	62	59	53	0.0	0.4	3.1	90	25	56	706	14/12/2018	12:45	54	69	64	59	39	0.0	0.4	2.2	338	30	57	704
13/12/2018	19:30	50	62	59	52	45	0.0	0.4	2.2	90	25	57	706	14/12/2018	13:00	47	64	58	51	37	0.0	0.4	3.1	135	29	60	704
13/12/2018	19:45	46	50	49	48	44	0.0	0.4	1.3	23	25	58	706	14/12/2018	13:15	43	59	48	45	37	0.0	0.4	3.1	135	28	60	704
13/12/2018	20:00	48	67	58	48	43	0.0	0.4	1.8	23	25	58	706	14/12/2018	13:30	43	64	50	43	38	0.0	0.4	2.2	0	28	60	704
13/12/2018	20:15	50	66	62	50	41	0.0	0.0	1.8	0	24	57	706	14/12/2018	13:45	42	57	51	44	37	0.0	0.4	3.6	113	28	60	704
13/12/2018	20:30	45	52	50	47	42	0.0	0.4	2.2	23	24	57	706	14/12/2018	14:00	41	57	49	43	36	0.0	0.4	2.2	113	29	58	704
13/12/2018	20:45	44	49	47	46	40	0.0	1.3	4.9	225	24	70	707	14/12/2018	14:15	43	62	52	43	38	0.0	0.4	2.7	113	29	58	704
13/12/2018	21:00	43	49	47	45	38	0.0	0.9	3.1	225	23	75	707	14/12/2018	14:30	44	64	52	45	38	0.0	0.9	3.1	113	29	52	704
13/12/2018	21:15	42	52	46	45	38	0.0	0.9	2.2	248	22	78	706	14/12/2018	14:45	48	62	59	53	38	0.0	0.9	3.1	113	31	48	703
13/12/2018	21:30	40	48	43	43	38	0.0	0.4	1.3	248	22	78	706	14/12/2018	15:00	42	55	50	45	37	0.0	0.4	2.2	45	31	48	703
13/12/2018	21:45	41	45	45	44	38	0.0	0.4	1.8	225	22	78	705	14/12/2018	15:15	41	59	51	43	35	0.0	0.4	2.7	113	31	52	703
13/12/2018	22:00	43	56	49	45	39	0.0	0.4	3.1	90	21	78	705	14/12/2018	15:30	41	62	49	44	35	0.0	0.4	2.2	135	29	57	703
13/12/2018	22:15	41	49	45	44	38	0.0	0.9	2.7	113	21	79	705	14/12/2018	15:45	53	67	64	56	33	0.0	0.9	2.2	113	28	61	703
13/12/2018	22:30	42	52	46	45	38	0.0	0.4	2.2	135	21	81	706	14/12/2018	16:00	41	66	52	41	33	0.0	0.4	2.7	90	27	64	703
13/12/2018	22:45	49	67	63	46	37	0.0	0.0	0.9	113	21	82	706	14/12/2018	16:15	43	73	53	39	33	0.0	0.4	1.8	113	26	68	703
13/12/2018	23:00	40	46	46	44	37	0.0	0.0	0.9	69	21	82	706	14/12/2018	16:30	44	60	56	45	35	0.0	0.4	2.7	113	26	70	704
13/12/2018	23:15	50	64	62	53	38	0.0	0.0	0.9	68	21	82	706	14/12/2018	16:45	46	64	59	45	33	0.0	1.3	3.6	90	25	73	704
13/12/2018	23:30	49	67	61	50	40	0.0	0.0	0.9	68	21	83	706	14/12/2018	17:00	57	71	69	60	36	0.0	0.4	2.7	90	24	77	705
13/12/2018	23:45	44	46	46	45	42	0.0	0.0	0.9	68	21	84	706	14/12/2018	17:15	48	65	57	51	39	0.0	0.4	2.2	90	23	77	704
14/12/2018	0:00	48	52	52	51	45	0.0	0.0	0.9	68	21	84	706	14/12/2018	17:30	56	76	68	58	43	0.0	0.9	3.1	90	22	79	704
14/12/2018	0:15	53	54	54	53	52	0.0	0.0	0.4	68	21	84	706	14/12/2018	17:45	75	103	81	67	55	0.0	0.4	3.1	68	21	82	706
14/12/2018	0:30	53	57	56	55	52	0.0	0.0	0.9	68	21	84	706	14/12/2018	18:00	59	82	69	61	43	2.6	0.4	1.8	225	21	85	705
14/12/2018	0:45	53	55	54	53																						

Logged Noise and Weather Data														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)	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)
14/12/2018	23:00	44	66	53	43	38	0.0	0.4	3.6	135	20	94	708	15/12/2018	16:30	45	64	55	45	36	0.0	0.4	2.7	90	28	62	706
14/12/2018	23:15	44	68	54	43	37	0.6	0.4	0.9	135	20	94	708	15/12/2018	16:45	49	61	56	54	36	0.0	0.4	2.2	68	28	63	706
14/12/2018	23:30	43	63	53	44	36	0.2	0.4	2.2	135	20	94	708	15/12/2018	17:00	46	57	54	49	39	0.0	0.9	3.1	68	28	67	706
14/12/2018	23:45	47	69	57	47	41	0.2	0.4	2.2	113	20	94	708	15/12/2018	17:15	48	65	57	50	40	0.0	1.3	3.1	68	27	69	706
15/12/2018	0:00	45	67	54	49	37	0.4	0.4	1.8	113	19	94	708	15/12/2018	17:30	48	67	58	50	41	0.0	0.9	3.1	68	26	71	707
15/12/2018	0:15	42	70	45	37	35	0.2	0.4	1.8	113	19	94	707	15/12/2018	17:45	50	72	61	51	41	0.0	1.3	3.6	90	26	72	707
15/12/2018	0:30	37	61	41	37	35	0.0	0.4	1.8	90	19	94	707	15/12/2018	18:00	48	63	54	48	41	0.0	1.3	4.0	68	25	73	707
15/12/2018	0:45	45	57	55	49	32	0.0	0.4	2.2	90	19	94	706	15/12/2018	18:15	47	58	53	49	43	0.0	0.9	2.2	90	25	73	707
15/12/2018	1:00	43	62	57	45	28	0.0	0.4	1.3	90	18	94	706	15/12/2018	18:30	47	57	54	51	43	0.0	0.9	2.7	90	25	74	707
15/12/2018	1:15	46	61	58	49	35	0.0	0.4	1.3	90	18	94	706	15/12/2018	18:45	59	66	63	62	54	0.0	0.9	3.1	90	25	75	707
15/12/2018	1:30	35	51	41	35	34	0.0	0.4	1.3	90	19	94	706	15/12/2018	19:00	62	67	64	63	60	0.0	0.9	2.2	68	24	76	708
15/12/2018	1:45	34	47	37	34	33	0.0	0.4	2.2	90	19	95	706	15/12/2018	19:15	57	75	64	58	54	0.0	0.9	3.1	90	24	75	708
15/12/2018	2:00	24	40	28	25	22	0.0	0.4	0.9	113	19	95	706	15/12/2018	19:30	60	82	71	60	51	0.0	1.3	3.6	68	24	74	708
15/12/2018	2:15	24	41	30	25	22	0.0	0.4	1.8	113	19	95	705	15/12/2018	19:45	50	53	53	51	48	0.0	1.3	3.1	68	24	75	708
15/12/2018	2:30	26	40	31	27	23	0.0	0.4	0.9	113	19	95	705	15/12/2018	20:00	49	51	51	50	47	0.0	0.4	2.7	90	23	77	708
15/12/2018	2:45	49	64	62	47	21	0.0	0.4	2.2	113	19	95	705	15/12/2018	20:15	49	53	52	51	46	0.0	0.4	3.6	135	23	79	709
15/12/2018	3:00	43	63	58	43	22	0.0	0.4	1.8	113	19	95	706	15/12/2018	20:30	50	54	53	52	48	0.2	0.4	2.2	113	23	82	709
15/12/2018	3:15	24	47	27	23	21	0.0	0.4	1.8	113	19	95	706	15/12/2018	20:45	52	54	53	53	50	0.4	0.0	2.2	135	23	86	709
15/12/2018	3:30	27	57	32	26	21	0.0	0.4	2.2	113	19	95	706	15/12/2018	21:00	52	53	53	52	51	0.4	0.0	2.2	135	22	88	709
15/12/2018	3:45	44	58	55	50	22	0.0	0.9	2.2	68	19	95	706	15/12/2018	21:15	51	52	52	52	50	0.0	0.4	1.8	135	21	90	709
15/12/2018	4:00	26	47	34	27	22	0.0	0.4	1.8	90	18	95	706	15/12/2018	21:30	51	57	53	52	50	0.0	0.0	1.8	135	21	91	709
15/12/2018	4:15	36	60	49	34	22	0.0	0.4	2.2	90	18	95	708	15/12/2018	21:45	50	55	52	51	48	0.2	1.3	4.5	113	21	91	709
15/12/2018	4:30	46	59	58	51	25	0.0	0.4	2.2	90	18	95	706	15/12/2018	22:00	49	52	51	50	48	0.0	1.3	4.0	113	21	92	709
15/12/2018	4:45	46	63	59	49	23	0.0	0.4	2.7	90	18	95	707	15/12/2018	22:15	48	53	50	50	47	0.0	0.9	3.6	135	21	93	709
15/12/2018	5:00	30	56	38	32	23	0.0	0.4	2.2	113	18	95	707	15/12/2018	22:30	49	53	51	50	48	0.0	1.3	4.9	113	21	93	709
15/12/2018	5:15	28	37	36	33	22	0.0	0.9	3.6	90	18	95	707	15/12/2018	22:45	48	53	51	50	47	0.0	1.3	4.0	113	21	93	709
15/12/2018	5:30	30	55	37	33	22	0.0	0.9	2.2	90	18	95	707	15/12/2018	23:00	53	70	64	55	44	0.0	0.9	4.9	113	21	93	709
15/12/2018	5:45	32	50	44	33	22	0.0	0.9	2.7	90	18	95	708	15/12/2018	23:15	47	50	50	49	44	0.0	0.4	2.2	90	21	94	709
15/12/2018	6:00	29	56	36	31	21	0.0	0.9	2.2	68	18	95	708	15/12/2018	23:30	47	50	50	49	45	0.0	0.4	2.2	135	21	94	709
15/12/2018	6:15	35	61	47	33	21	0.0	0.9	2.7	90	18	95	708	15/12/2018	23:45	48	50	50	50	47	0.0	0.9	4.0	158	21	94	709
15/12/2018	6:30	28	45	37	32	21	0.0	0.9	2.2	90	18	95	708	16/12/2018	0:00	48	50	50	48	43	0.0	0.9	4.0	90	21	94	708
15/12/2018	6:45	26	44	36	27	21	0.0	0.9	4.0	90	18	95	708	16/12/2018	0:15	45	48	48	47	42	0.0	0.9	5.8	90	21	94	708
15/12/2018	7:00	33	58	47	29	21	0.0	0.9	3.1	90	18	95	708	16/12/2018	0:30	44	50	47	46	41	0.0	1.3	4.9	90	21	94	708
15/12/2018	7:15	27	39	34	29	23	0.0	0.4	1.8	68	19	95	708	16/12/2018	0:45	45	50	49	46	42	0.0	1.3	4.9	68	21	94	708
15/12/2018	7:30	36	59	50	35	24	0.0	0.4	1.8	90	19	95	708	16/12/2018	1:00	46	52	50	48	44	0.0	0.4	2.2	90	21	94	708
15/12/2018	7:45	31	51	37	33	25	0.0	0.4	3.1	113	19	95	708	16/12/2018	1:15	46	50	51	49	42	0.0	0.4	2.7	113	21	94	708
15/12/2018	8:00	46	60	58	53	28	0.0	0.9	1.8	90	20	95	708	16/12/2018	1:30	44	48	47	46	42	0.0	0.4	2.2	113	21	94	708
15/12/2018	8:15	34	52	43	37	28	0.0	0.9	2.7	90	20	95	709	16/12/2018	1:45	44	47	47	46	42	0.0	0.4	4.0	135	21	95	708
15/12/2018	8:30	33	47	41	35	29	0.0	0.4	3.1	90	20	95	708	16/12/2018	2:00	45	56	48	47	42	0.0	0.4	3.6	113	21	95	708
15/12/2018	8:45	42	70	47	36	27	0.0	0.9	2.7	90	21	95	708	16/12/2018	2:15	47	54	49	48	45	0.0	0.4	2.7	68	21	95	708
15/12/2018	9:00	45	73	43	33	23	0.0	0.9	3.1	90	21	94	708	16/12/2018	2:30	47	52	49	48	45	0.0	0.4	2.2	90	21	95	708
15/12/2018	9:15	51	74	52	32	23	0.0	0.9	2.7	90	22	91	708	16/12/2018	2:45	47	53	50	48	45	0.0	0.4	2.7	135	21	94	708
15/12/2018	9:30	53	82	50	34	25	0.0	0.9	2.2	90	22	89	708	16/12/2018	3:00	46	49	49	48	44	0.0	0.9	4.9	113	20	95	708
15/12/2018	9:45	59	84	69	36	26	0.0	0.4	2.2	68	23	87	708	16/12/2018	3:15	43	47	46	45	41	0.2	0.4	4.9	90	20	95	708
15/12/2018	10:00	60	85	71	33	22	0.0	0.9	3.1	68	24	84	709	16/12/2018	3:30	43	47	46	45	41	0.0	0.0	1.8	113	20	95	708
15/12/2018	10:15	60	85	64	45	23	0.0	0.9	2.2	90	24	79	708	16/12/2018	3:45	43	48	47	45	41	0.0	0.4	3.1	113	20	95	708
15/12/2018	10:30	58	86	56	30	22	0.0	0.9	2.7	90	25	74	708	16/12/2018	4:00	45	65	52	45	41	0.0	0.4	2.2	113	20	95	708
15/12/2018	10:45	61	87	72	45	23	0.0	0.9	3.6	90	26	74	708	16/12/2018	4:15	50	63	61	53	41	0.0	0.4	3.1	113	20	95	708
15/12/2018	11:00	62	89	72	32	21	0.0	0.4	3.1	113	26	70	708	16/12/2018	4:30	49	64	59	50	43	0.0	0.9	3.6	113	20	95	708
15/12/2018	11:15	62	91	53	47	21	0.0	0.4	2.7	113	26	69	708	16/12/2018	4:45	48	63	58	50	43	0.0	0.4	3.1	113	20	95	708
15/12/2018	11:30	59	91	61	56	34	0.0	0.9	2.2	90	26	69	708	16/12/2018	5:00	45	64	54	47	40	0.0	0.4	2.7	113	20	95	708
15/12/2018	11:45	45	66	53	47	38	0.0	0.9	2.7																		

Logged Noise and Weather Data														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)	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)
16/12/2018	10:00	54	79	63	56	38	0.0	0.4	2.7	135	21	95	709	17/12/2018	3:30	31	52	39	33	28	0.0	0.9	3.6	90	19	96	707
16/12/2018	10:15	61	73	70	65	43	0.4	0.4	2.7	113	21	95	709	17/12/2018	3:45	36	63	39	31	26	0.0	0.9	2.7	90	19	96	707
16/12/2018	10:30	55	71	66	59	43	4.4	0.4	3.1	135	21	95	709	17/12/2018	4:00	39	68	52	35	25	0.0	0.9	4.9	68	19	96	708
16/12/2018	10:45	43	70	45	41	34	11.0	0.4	3.6	135	21	95	709	17/12/2018	4:15	40	52	51	45	25	0.0	0.9	3.6	90	19	96	708
16/12/2018	11:00	41	67	47	38	31	1.0	0.4	1.3	45	21	95	709	17/12/2018	4:30	34	60	42	34	24	0.0	0.4	3.1	113	19	96	708
16/12/2018	11:15	50	68	61	52	35	0.6	0.4	2.2	113	21	95	709	17/12/2018	4:45	35	62	44	36	25	0.0	0.9	3.6	113	19	96	708
16/12/2018	11:30	49	75	58	47	37	1.0	1.3	3.6	113	21	95	709	17/12/2018	5:00	36	62	44	35	27	0.0	0.9	3.1	113	19	96	708
16/12/2018	11:45	42	65	54	41	35	0.4	0.4	2.7	90	21	95	709	17/12/2018	5:15	34	60	41	32	26	0.0	0.9	5.4	135	18	96	709
16/12/2018	12:00	39	67	42	36	33	0.4	0.9	2.7	135	21	95	709	17/12/2018	5:30	37	68	44	33	25	0.0	0.9	4.0	113	18	96	708
16/12/2018	12:15	41	68	41	35	33	0.0	0.4	2.7	68	21	95	709	17/12/2018	5:45	30	47	41	31	25	0.0	0.9	3.1	113	18	96	709
16/12/2018	12:30	36	57	44	37	32	0.2	0.4	3.1	135	21	95	708	17/12/2018	6:00	34	61	40	29	24	0.0	0.9	3.6	90	18	96	709
16/12/2018	12:45	44	74	42	34	29	0.0	0.9	4.5	113	21	95	708	17/12/2018	6:15	36	64	41	32	26	0.0	0.4	2.2	113	18	96	709
16/12/2018	13:00	34	56	42	35	28	0.0	1.8	7.2	90	21	95	708	17/12/2018	6:30	37	50	47	40	26	0.0	0.4	2.2	90	19	96	709
16/12/2018	13:15	43	67	55	44	33	0.0	1.3	5.4	113	21	95	708	17/12/2018	6:45	35	64	41	33	26	0.0	0.4	3.6	113	19	96	709
16/12/2018	13:30	43	67	50	41	37	0.0	1.3	4.0	113	21	95	708	17/12/2018	7:00	32	60	37	31	26	0.0	0.4	1.8	135	19	96	709
16/12/2018	13:45	41	70	43	39	37	0.6	1.8	5.4	113	21	95	708	17/12/2018	7:15	42	70	52	41	30	0.0	0.4	2.2	135	19	96	709
16/12/2018	14:00	37	55	42	39	36	0.0	1.3	4.9	113	21	95	707	17/12/2018	7:30	43	71	45	33	29	0.2	0.9	3.1	135	19	96	710
16/12/2018	14:15	36	61	45	39	32	0.0	1.3	4.0	68	21	95	707	17/12/2018	7:45	41	67	51	38	30	0.0	0.9	3.6	135	19	96	710
16/12/2018	14:30	36	66	43	35	32	0.0	1.3	6.3	90	21	95	707	17/12/2018	8:00	42	65	52	36	30	0.0	0.9	3.6	135	19	96	710
16/12/2018	14:45	33	51	39	34	30	0.0	0.9	4.0	90	21	95	707	17/12/2018	8:15	40	63	53	33	28	0.0	0.9	4.0	113	19	96	710
16/12/2018	15:00	32	49	41	32	27	0.0	0.9	3.6	68	21	95	707	17/12/2018	8:30	37	64	44	36	28	0.0	0.4	3.6	113	19	96	710
16/12/2018	15:15	38	68	39	36	27	0.0	0.9	3.6	113	21	95	707	17/12/2018	8:45	47	74	53	44	29	0.0	0.9	3.1	113	18	96	710
16/12/2018	15:30	36	51	46	36	34	0.0	0.9	3.1	68	21	95	707	17/12/2018	9:00	43	64	58	38	30	0.0	0.9	3.1	113	19	96	710
16/12/2018	15:45	43	69	45	35	34	0.0	1.3	5.4	90	21	95	707	17/12/2018	9:15	39	67	42	35	29	0.0	0.4	3.6	135	19	96	710
16/12/2018	16:00	47	70	57	48	34	0.0	1.3	3.6	90	21	95	707	17/12/2018	9:30	40	63	50	41	31	0.0	0.9	3.1	135	20	96	710
16/12/2018	16:15	55	82	64	56	42	0.2	1.3	6.3	90	21	95	707	17/12/2018	9:45	43	68	41	37	30	0.2	0.4	2.2	113	20	96	710
16/12/2018	16:30	45	70	51	42	36	1.4	1.3	5.4	90	20	95	707	17/12/2018	10:00	39	54	51	40	29	0.0	0.4	2.7	113	20	96	710
16/12/2018	16:45	41	70	42	38	35	0.0	0.9	5.8	90	20	95	707	17/12/2018	10:15	40	66	41	37	30	0.0	0.4	2.2	135	20	96	710
16/12/2018	17:00	37	54	46	38	34	0.0	1.3	4.0	113	21	95	707	17/12/2018	10:30	43	68	54	46	28	0.0	0.4	2.7	135	20	96	709
16/12/2018	17:15	38	66	41	37	33	0.2	0.9	4.0	113	21	95	708	17/12/2018	10:45	35	56	43	36	30	0.0	0.4	2.7	113	20	96	709
16/12/2018	17:30	36	55	42	36	37	0.0	1.3	4.9	113	20	95	707	17/12/2018	11:00	34	47	41	37	30	0.0	0.4	2.2	113	20	96	709
16/12/2018	17:45	36	57	42	36	37	0.0	1.3	4.9	90	20	95	708	17/12/2018	11:15	41	65	42	34	29	0.0	0.4	3.1	113	20	96	709
16/12/2018	18:00	36	53	42	36	37	0.0	1.3	3.6	113	20	95	708	17/12/2018	11:30	45	69	57	40	29	0.0	0.4	2.7	135	20	96	709
16/12/2018	18:15	37	48	40	38	36	0.0	0.9	4.5	90	20	95	708	17/12/2018	11:45	41	69	43	34	28	0.0	0.4	3.1	135	21	96	709
16/12/2018	18:30	45	75	45	41	37	0.0	0.9	2.2	90	20	96	708	17/12/2018	12:00	40	71	38	31	24	0.0	0.4	2.7	135	21	95	709
16/12/2018	18:45	57	63	62	62	45	0.0	0.9	4.0	90	20	96	708	17/12/2018	12:15	39	70	39	35	25	0.0	0.4	2.7	135	21	93	709
16/12/2018	19:00	62	63	63	62	60	0.0	0.4	3.6	45	20	96	708	17/12/2018	12:30	48	70	47	34	27	0.0	0.4	1.8	113	21	92	709
16/12/2018	19:15	54	58	59	57	46	0.0	0.9	3.6	113	20	95	708	17/12/2018	12:45	44	69	50	43	30	0.0	0.9	4.9	113	22	87	709
16/12/2018	19:30	45	73	46	45	38	0.0	0.9	3.6	113	20	95	708	17/12/2018	13:00	60	87	63	37	24	0.0	0.9	3.6	90	23	85	709
16/12/2018	19:45	42	69	47	41	35	0.0	0.9	4.0	90	20	96	708	17/12/2018	13:15	57	81	60	31	23	0.0	1.3	4.9	113	23	84	709
16/12/2018	20:00	46	67	55	45	39	0.0	0.9	3.6	135	20	95	709	17/12/2018	13:30	56	83	57	29	22	0.0	0.9	3.1	113	24	81	708
16/12/2018	20:15	48	72	59	46	40	0.0	0.9	2.7	90	20	96	709	17/12/2018	13:45	59	88	64	27	22	0.0	0.9	3.1	90	24	81	708
16/12/2018	20:30	49	69	60	53	38	0.8	0.9	4.9	135	20	95	709	17/12/2018	14:00	56	81	65	27	22	0.0	0.9	2.7	90	24	78	708
16/12/2018	20:45	45	67	55	45	38	2.6	1.3	4.9	113	20	95	709	17/12/2018	14:15	60	80	73	31	21	0.0	0.4	2.7	113	24	78	708
16/12/2018	21:00	46	76	53	41	37	0.4	0.4	2.2	113	20	96	709	17/12/2018	14:30	60	87	69	34	19	0.0	0.9	3.6	113	25	77	708
16/12/2018	21:15	50	71	60	50	38	0.2	0.9	3.6	135	20	96	709	17/12/2018	14:45	56	79	61	34	20	0.0	0.4	2.7	113	24	79	708
16/12/2018	21:30	57	80	67	59	48	0.2	0.9	2.7	135	20	96	709	17/12/2018	15:00	55	79	59	30	20	0.0	0.4	3.6	113	23	80	708
16/12/2018	21:45	52	73	63	53	42	2.2	0.4	1.8	68	20	96	709	17/12/2018	15:15	54	76	57	32	21	0.0	0.9	2.7	113	23	80	708
16/12/2018	22:00	47	78	51	43	37	1.2	0.4	3.1	113	20	96	709	17/12/2018	15:30	60	91	56	47	22	0.0	0.4	2.7	113	24	75	708
16/12/2018	22:15	49	73	59	49	37	0.0	0.4	3.6	158	20	96	709	17/12/2018	15:45	65	98	52	45	36	0.0	1.3	4.0	90	25	73	708
16/12/2018	22:30	52	74	63	53	41	0.2	0.4	3.1	135	20	96	709	17/12/2018	16:00	45	66	56	46	39	0.0	1.8	5.4	90	25	74	708
16/12/2018	22:45</																										

Logged Noise and Weather Data													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)	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)
17/12/2018	21:00	50	54	54	52	45	0.0	0.9	3.6	90	19	94	710	18/12/2018	14:30	55	87	56	47	36	0.0	1.3	4.9	113	25	71	710
17/12/2018	21:15	49	54	53	52	45	0.2	1.3	4.0	90	19	95	710	18/12/2018	14:45	40	55	50	41	35	0.0	0.9	2.7	90	26	71	710
17/12/2018	21:30	50	54	54	52	46	0.0	1.3	5.4	88	19	95	710	18/12/2018	15:00	49	65	63	49	36	0.0	0.9	2.7	90	26	71	710
17/12/2018	21:45	49	53	53	52	45	0.0	1.8	5.8	90	19	95	710	18/12/2018	15:15	45	65	55	47	36	0.0	0.9	3.1	68	26	71	710
17/12/2018	22:00	49	53	54	52	44	0.0	1.8	5.8	90	19	95	710	18/12/2018	15:30	65	86	79	60	32	0.0	0.9	3.6	90	26	71	710
17/12/2018	22:15	47	52	52	51	42	0.0	1.3	5.8	90	19	95	710	18/12/2018	15:45	67	82	77	71	46	0.0	1.3	3.1	135	25	71	710
17/12/2018	22:30	47	55	53	51	42	0.0	1.8	5.4	90	19	95	710	18/12/2018	16:00	66	87	76	69	43	0.0	0.9	3.6	113	25	71	710
17/12/2018	22:45	51	60	59	55	44	0.0	1.3	5.4	113	19	95	710	18/12/2018	16:15	60	71	69	64	44	0.0	1.3	4.9	113	25	69	710
17/12/2018	23:00	53	74	60	55	44	0.2	0.9	2.7	135	19	95	710	18/12/2018	16:30	58	75	70	61	42	0.0	0.9	4.0	90	26	67	710
17/12/2018	23:15	46	66	56	46	41	0.2	1.8	5.8	90	19	95	710	18/12/2018	16:45	42	67	53	38	29	0.0	0.9	3.1	113	26	67	710
17/12/2018	23:30	44	72	45	42	39	0.0	2.2	6.7	113	19	95	710	18/12/2018	17:00	65	78	72	69	50	0.0	0.9	4.0	113	26	68	710
17/12/2018	23:45	46	67	53	47	40	0.0	1.8	6.7	90	19	95	709	18/12/2018	17:15	62	72	71	67	40	0.0	0.9	4.0	90	26	67	710
18/12/2018	0:00	46	66	54	48	42	0.2	1.8	6.7	90	19	95	709	18/12/2018	17:30	35	58	48	35	24	0.0	0.4	3.1	90	25	70	710
18/12/2018	0:15	43	60	47	45	41	0.0	1.8	6.3	113	19	95	709	18/12/2018	17:45	32	53	42	32	22	0.0	0.9	2.7	90	25	71	710
18/12/2018	0:30	42	55	50	44	40	0.0	1.8	6.3	90	19	95	709	18/12/2018	18:00	31	51	42	33	22	0.0	0.4	1.8	113	25	72	710
18/12/2018	0:45	42	55	47	44	38	0.0	1.8	5.8	88	19	95	709	18/12/2018	18:15	33	55	45	33	22	0.0	0.4	2.2	113	24	73	710
18/12/2018	1:00	42	64	46	43	39	0.0	1.3	4.0	113	19	96	709	18/12/2018	18:30	28	50	38	30	22	0.0	0.4	1.8	113	24	76	710
18/12/2018	1:15	41	60	48	42	38	0.2	0.9	3.6	90	19	96	709	18/12/2018	18:45	27	43	36	28	22	0.0	0.4	2.2	113	23	78	710
18/12/2018	1:30	41	58	46	43	37	0.2	1.3	6.7	90	19	95	709	18/12/2018	19:00	29	55	38	29	22	0.0	0.9	2.7	113	23	81	710
18/12/2018	1:45	43	66	48	43	40	0.0	1.8	7.6	90	19	95	709	18/12/2018	19:15	32	50	46	32	22	0.0	0.4	2.7	113	22	82	711
18/12/2018	2:00	42	59	49	43	39	0.0	1.8	4.9	90	19	95	709	18/12/2018	19:30	29	47	40	31	22	0.0	0.4	3.1	113	22	84	711
18/12/2018	2:15	40	59	46	42	38	0.0	1.8	5.8	90	18	95	708	18/12/2018	19:45	27	47	38	28	22	0.0	0.9	3.1	113	22	84	711
18/12/2018	2:30	43	64	50	44	39	0.0	1.8	5.4	90	18	96	709	18/12/2018	20:00	27	47	37	29	21	0.0	0.9	3.6	90	22	86	711
18/12/2018	2:45	46	68	54	46	41	0.0	1.3	4.9	90	18	96	709	18/12/2018	20:15	27	44	37	28	21	0.0	0.9	3.1	113	21	87	711
18/12/2018	3:00	45	73	49	44	40	0.2	1.8	4.9	90	18	96	709	18/12/2018	20:30	33	54	46	31	21	0.0	0.9	3.6	90	21	88	711
18/12/2018	3:15	46	71	51	46	41	0.0	1.8	4.9	90	18	95	708	18/12/2018	20:45	31	55	42	29	21	0.0	0.9	3.1	113	21	89	712
18/12/2018	3:30	42	60	48	43	39	0.0	1.3	5.4	90	18	96	709	18/12/2018	21:00	28	49	40	29	21	0.0	0.9	5.4	113	21	90	712
18/12/2018	3:45	41	56	45	42	38	0.0	1.8	4.9	113	18	95	709	18/12/2018	21:15	27	51	38	28	21	0.0	0.9	5.8	113	21	91	711
18/12/2018	4:00	43	63	48	44	40	0.0	1.8	5.4	113	18	96	709	18/12/2018	21:30	27	52	35	27	21	0.0	0.9	3.6	90	20	92	712
18/12/2018	4:15	47	64	56	47	41	0.2	1.8	4.9	90	18	96	709	18/12/2018	21:45	25	41	35	27	21	0.0	1.3	4.0	90	20	92	712
18/12/2018	4:30	45	60	53	47	41	0.0	1.3	4.5	90	18	96	709	18/12/2018	22:00	25	46	34	26	21	0.0	0.9	3.1	90	20	92	712
18/12/2018	4:45	46	65	58	47	40	0.0	1.3	4.0	90	18	96	709	18/12/2018	22:15	27	43	37	29	21	0.0	0.9	3.1	113	20	93	712
18/12/2018	5:00	44	61	52	46	39	0.0	1.3	4.0	68	18	96	709	18/12/2018	22:30	23	35	31	26	20	0.0	0.9	4.9	90	20	93	712
18/12/2018	5:15	41	60	48	43	38	0.0	1.3	3.1	68	18	96	709	18/12/2018	22:45	26	50	34	25	20	0.0	0.9	4.0	90	20	94	712
18/12/2018	5:30	41	58	47	42	38	0.0	1.3	4.0	90	18	96	709	18/12/2018	23:00	26	46	37	26	20	0.0	0.9	2.7	90	20	94	712
18/12/2018	5:45	42	58	49	43	38	0.0	1.8	4.9	113	18	96	710	18/12/2018	23:15	23	46	30	23	19	0.0	0.9	2.7	90	19	94	711
18/12/2018	6:00	42	62	50	43	38	0.0	1.3	6.3	113	19	96	710	18/12/2018	23:30	24	45	34	24	20	0.0	0.9	3.1	90	19	94	711
18/12/2018	6:15	45	65	53	46	40	0.2	1.3	4.9	90	19	96	710	18/12/2018	23:45	20	29	26	21	19	0.0	0.9	3.8	90	19	94	711
18/12/2018	6:30	45	62	52	46	41	0.0	1.3	5.8	113	19	96	710	19/12/2018	0:00	20	33	28	22	19	0.0	0.9	2.7	90	19	94	711
18/12/2018	6:45	45	65	54	45	41	0.0	1.3	3.6	88	19	96	710	19/12/2018	0:15	25	44	36	27	19	0.0	0.9	3.8	90	19	95	711
18/12/2018	7:00	45	67	54	47	41	0.0	1.8	4.5	90	19	96	710	19/12/2018	0:30	22	36	30	24	20	0.0	0.9	3.1	90	19	95	711
18/12/2018	7:15	44	58	53	47	39	0.0	1.8	8.9	90	19	96	710	19/12/2018	0:45	30	49	43	28	20	0.0	0.9	4.9	90	19	95	711
18/12/2018	7:30	41	58	49	42	38	0.0	1.3	4.0	90	19	96	710	19/12/2018	1:00	21	33	27	22	19	0.0	1.3	4.0	113	19	95	711
18/12/2018	7:45	46	64	57	48	38	0.0	1.3	4.9	90	19	96	711	19/12/2018	1:15	22	38	29	23	20	0.0	0.9	3.8	113	19	95	710
18/12/2018	8:00	46	65	58	44	39	0.0	1.8	5.8	113	19	96	711	19/12/2018	1:30	32	50	47	29	20	0.0	1.3	5.4	90	19	95	711
18/12/2018	8:15	42	54	50	44	38	0.2	0.9	4.0	90	19	96	711	19/12/2018	1:45	22	39	31	24	20	0.0	1.3	3.8	90	19	95	710
18/12/2018	8:30	44	64	55	44	39	0.0	1.3	4.9	113	19	96	711	19/12/2018	2:00	22	32	29	23	20	0.0	1.3	5.8	90	19	95	710
18/12/2018	8:45	43	56	54	43	39	0.0	1.3	5.8	90	19	96	711	19/12/2018	2:15	21	35	27	23	19	0.0	0.9	4.0	113	19	95	710
18/12/2018	9:00	42	58	52	44	38	0.0	1.3	5.4	90	20	96	711	19/12/2018	2:30	29	47	43	28	20	0.0	0.9	4.0	90	19	95	710
18/12/2018	9:15	42	54	50	44	36	0.0	1.3	4.0	113	20	96	711	19/12/2018	2:45	21	41	27	21	19	0.0	0.9	4.0	113	19	95	710
18/12/2018	9:30	52	71	64	49	38	0.0	0.9	3.6	90	20	96	711	19/12/2018	3:00	31	50	48	29	19	0.0	0.9	2.7	90	19	95	710
18/12/2018	9:45	47	70	58	43	37	0.0	0.9	2.7	90	20																

Noise Monitoring Data Sheet

Inland Rail

SITE ID
G2H-7

From	Monday 10/12/2018 12:15	Meas. Type	Free Field	Package	Gowrie to Helidon
To	Wednesday 19/12/2018 12:15	Mic. Height (m)	1.8	Address	5 Coonan Street
Instrument Type	RION NL-52	Weather Station	Yes	Suburb	Harlaxton
Instrument Serial #	00175550	Operator	LNM	Land Use	Residential
Inst. Cal. Date	10/12/2018	Sample Int.	15 min	Latitude	27°31'35.94"S
Pre Calibration	94	RP Lot#	348/RP78719	Longitude	151°57'30.06"E
Post Calibration	94.2				

Daytime

RBL **45.3 dB(A)**

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

ABLs Day (Sat 8 am - 1 pm)

Monday 10/12/2018	43.3	dB(A)
Tuesday 11/12/2018	45.5	dB(A)
Wednesday 12/12/2018	45.5	dB(A)
Thursday 13/12/2018	41.6	dB(A)
Friday 14/12/2018	44	dB(A)
Saturday 15/12/2018	42.5	dB(A)
Monday 17/12/2018	45.6	dB(A)
Tuesday 18/12/2018	45.3	dB(A)
Wednesday 19/12/2018	47.1	dB(A)

Evening

RBL **40.9 dB(A)**

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

ABLs Evening (Sat 1 pm - 10 pm)

ABLs Evening (Sun 7 am - 10 pm)

Monday 10/12/2018	36.7	dB(A)
Tuesday 11/12/2018	39.7	dB(A)
Wednesday 12/12/2018	41.0	dB(A)
Thursday 13/12/2018	35.6	dB(A)
Friday 14/12/2018	48.7	dB(A)
Saturday 15/12/2018	41.6	dB(A)
Sunday 16/12/2018	40.9	dB(A)
Monday 17/12/2018	41.2	dB(A)
Tuesday 18/12/2018	40.3	dB(A)

Night

RBL **31.3 dB(A)**

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

ABLs Night (Fri 6pm - 8am)

Monday 10/12/2018	<22	dB(A)
Tuesday 11/12/2018	28.6	dB(A)
Wednesday 12/12/2018	<22	dB(A)
Thursday 13/12/2018	28.7	dB(A)
Friday 14/12/2018	32.1	dB(A)
Saturday 15/12/2018	31.3	dB(A)
Sunday 16/12/2018	34.9	dB(A)
Monday 17/12/2018	40.6	dB(A)
Tuesday 18/12/2018	35.3	dB(A)

Site Diagram - Diagram



Inland Rail

Project:60553814

Site Attended Measurements Summary

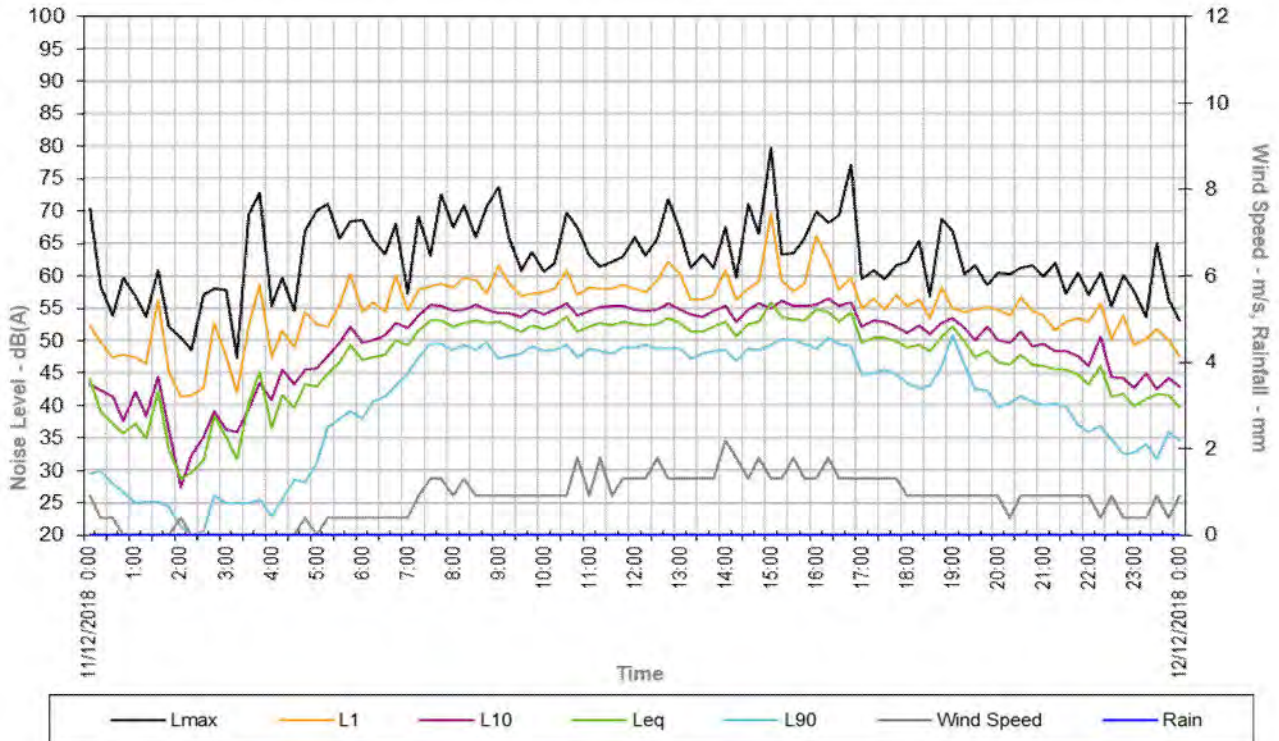
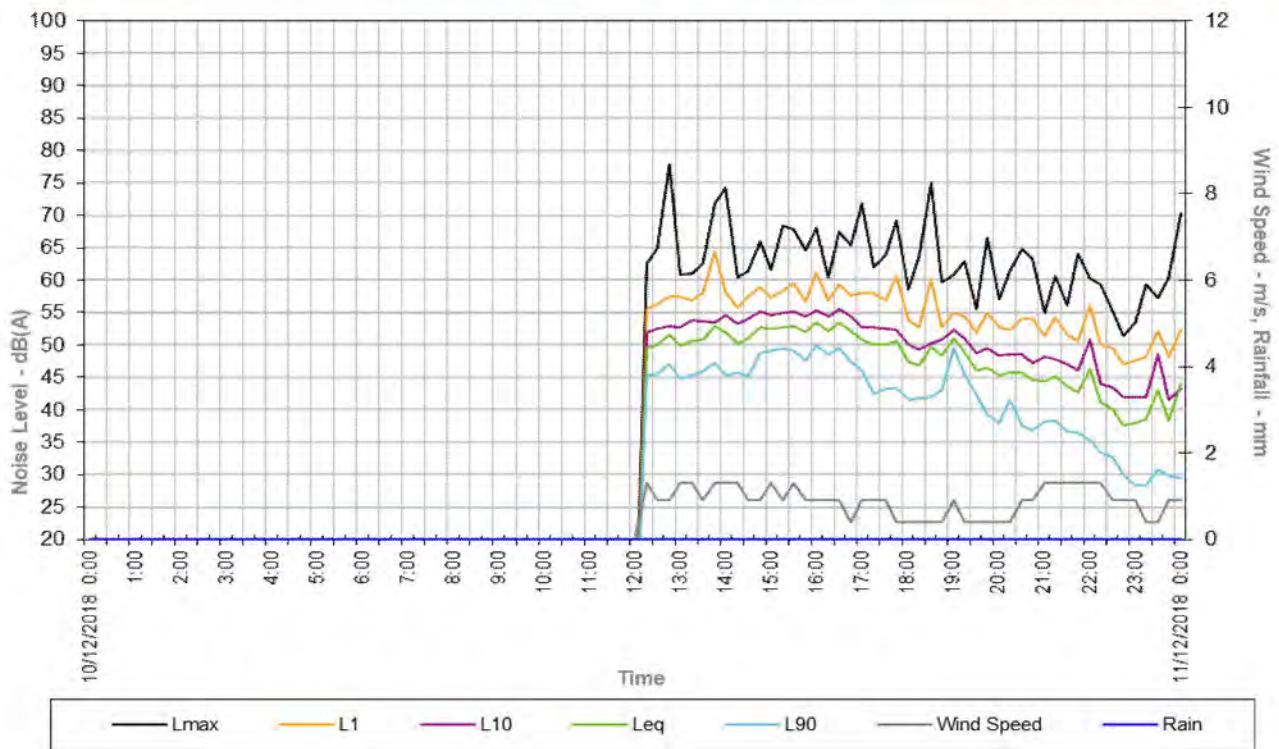
Site Attended Measurements Summary								Weather	Conditions
Date	Start	Measurement Type	Lmax	L1	L10	L90	Leq	Comply	End
10/12/2018	12:15 PM	Attended	63.5	56.9	53.2	46.5	50.7	Pass	12:30 PM
		Logged	62.6	55.5	51.9	45.3	49.5		
		Difference	0.9	1.4	1.3	1.2	1.2		
		Comments							
19/12/2018	12:15 PM	Attended	63.6	58.6	55.3	48.9	52.8	Pass	12:30 PM
		Logged	65.0	58.9	55.4	49.1	53.0		
		Difference	-1.4	-0.3	-0.1	-0.2	-0.2		
		Comments							

Photos



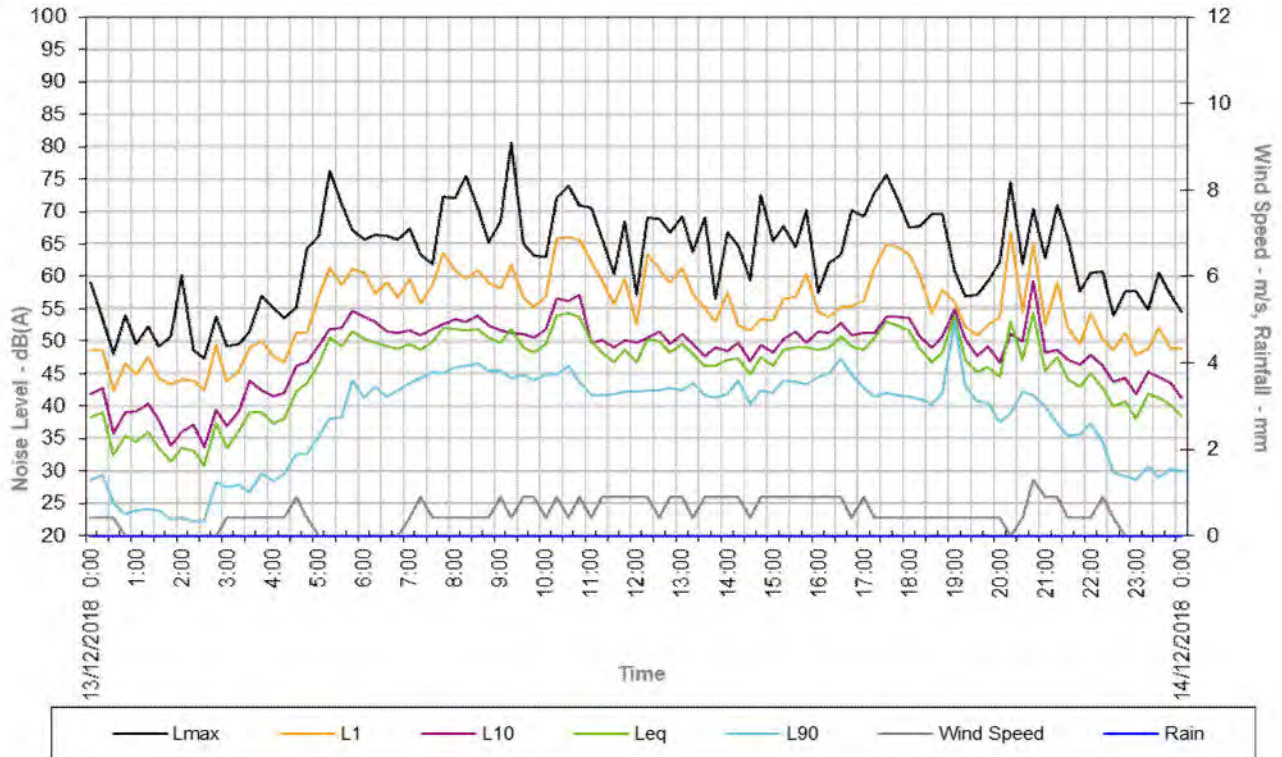
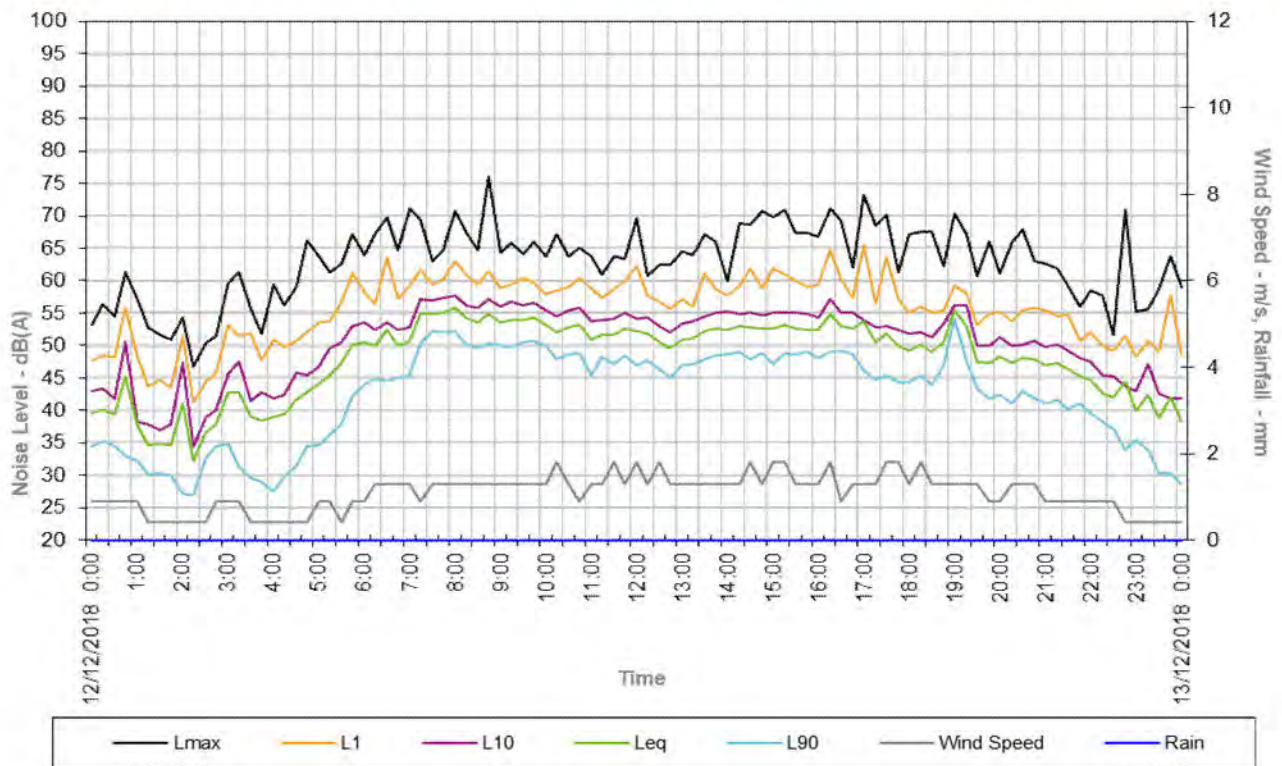
Site Noise and Weather Graphical Analysis

5 Coonan Street



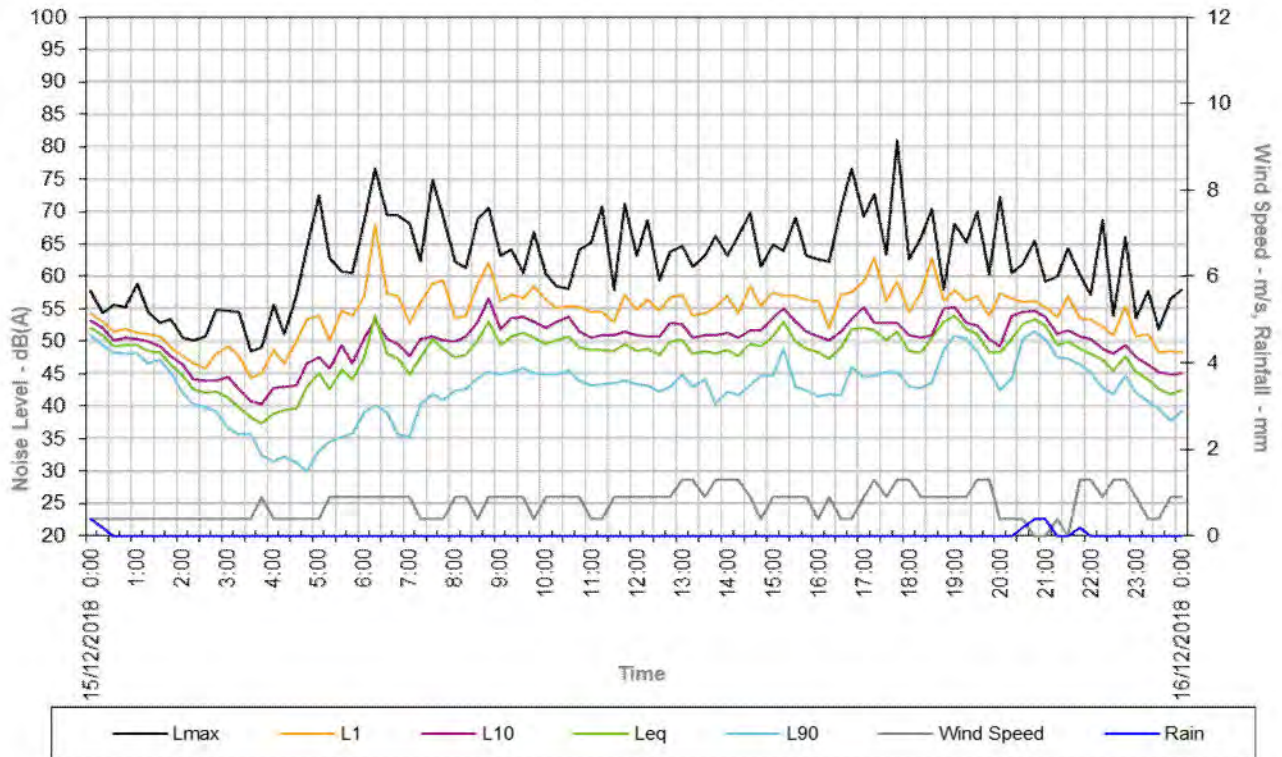
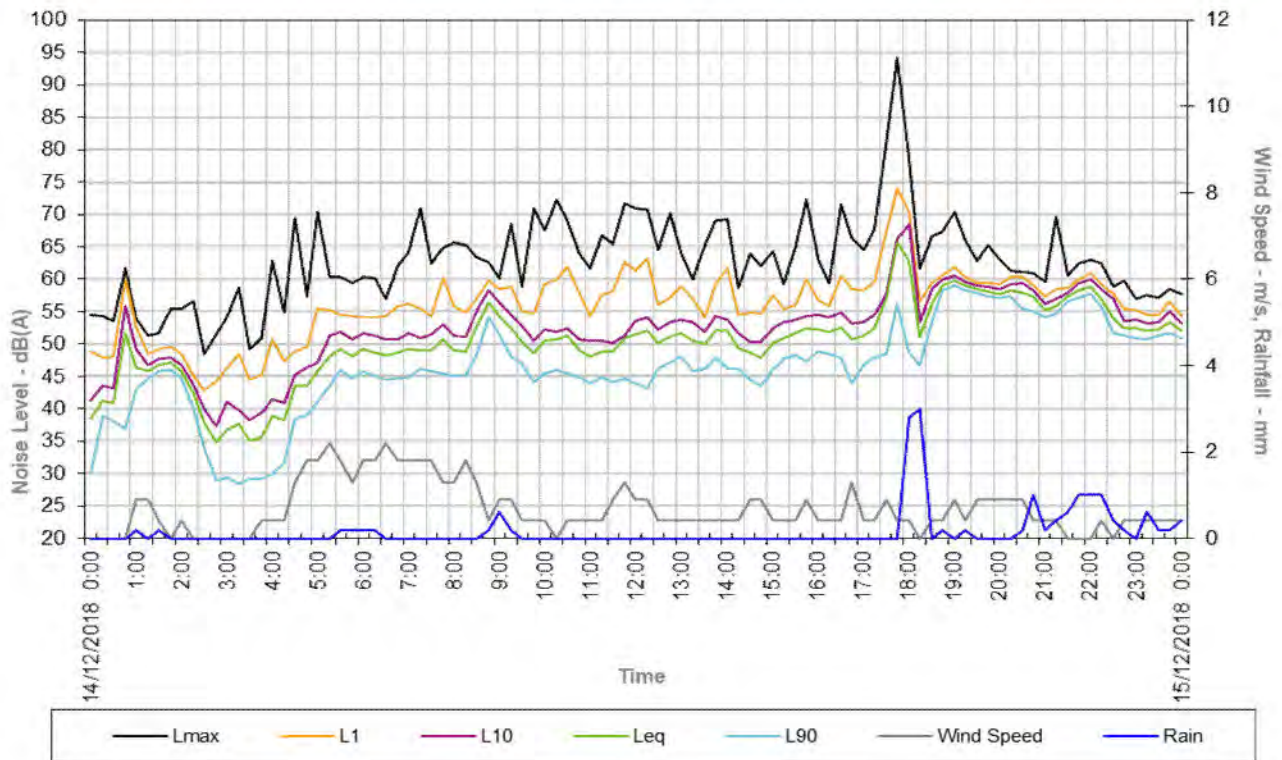
Site Noise and Weather Graphical Analysis

5 Coonan Street



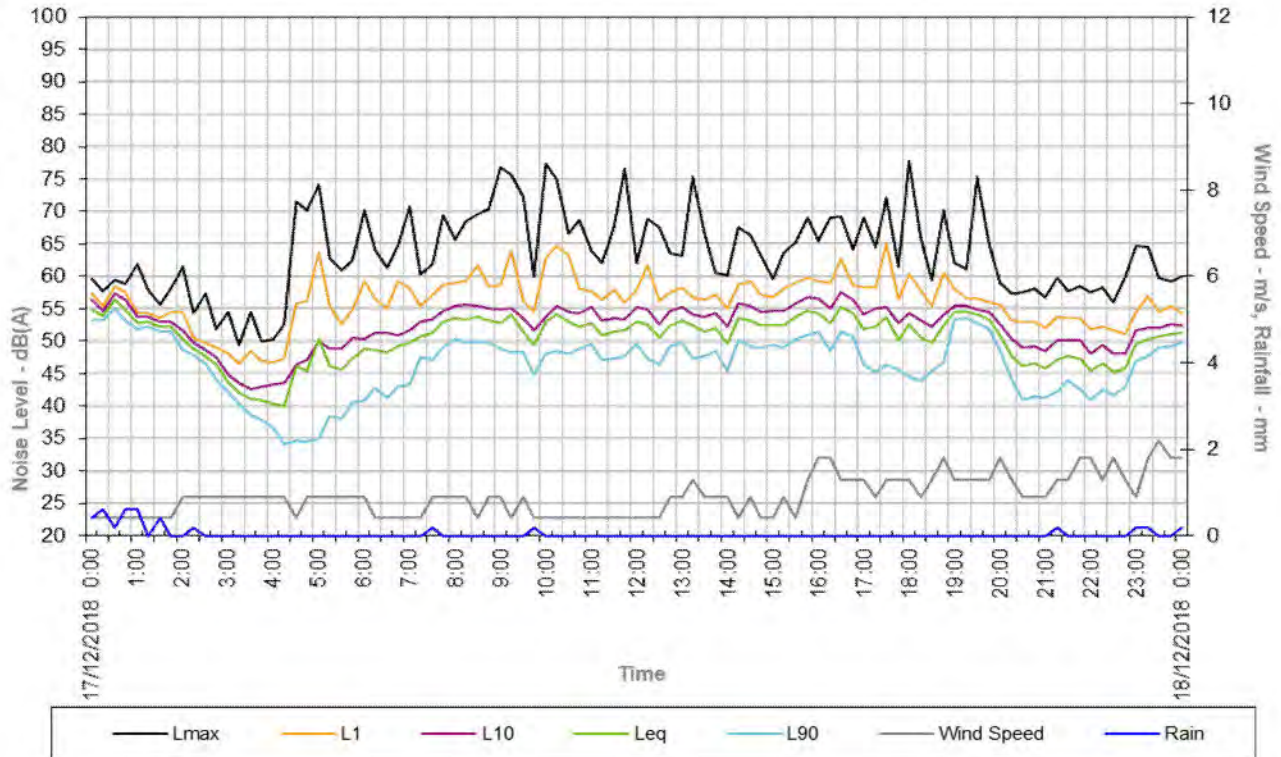
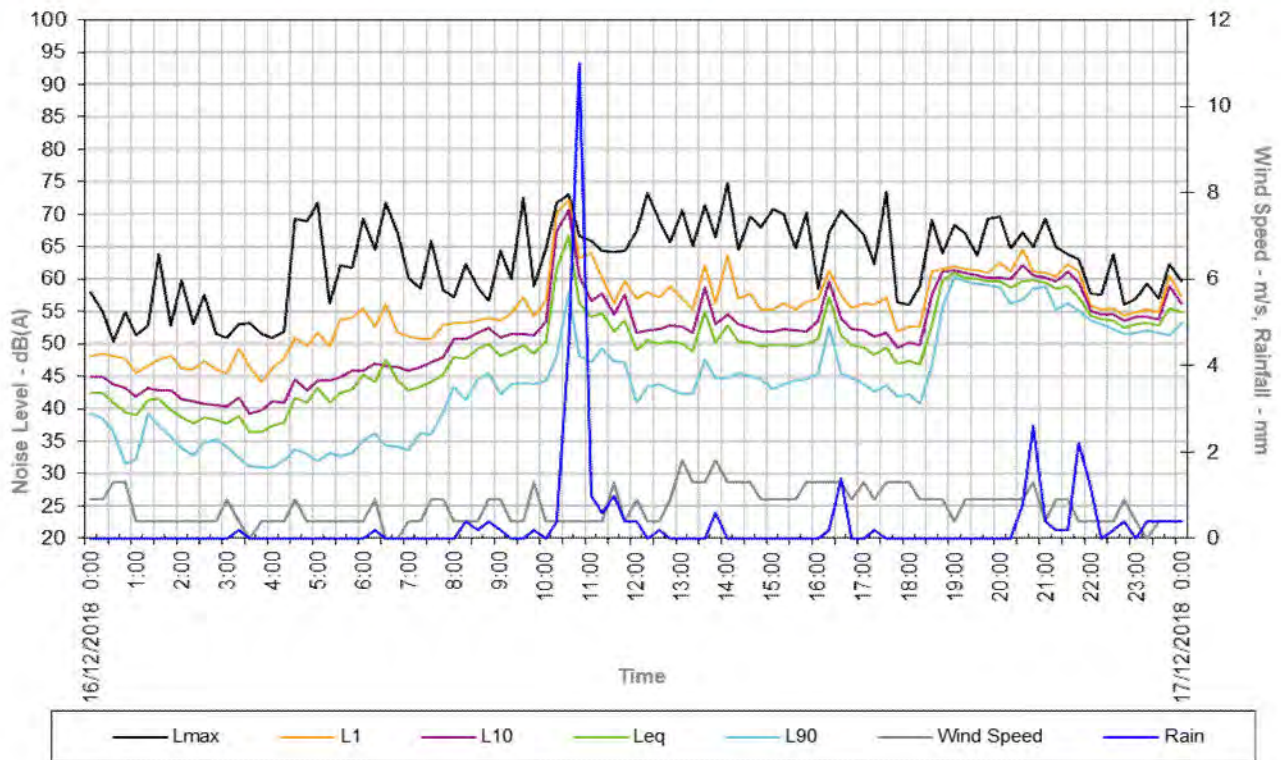
Site Noise and Weather Graphical Analysis

5 Coonan Street



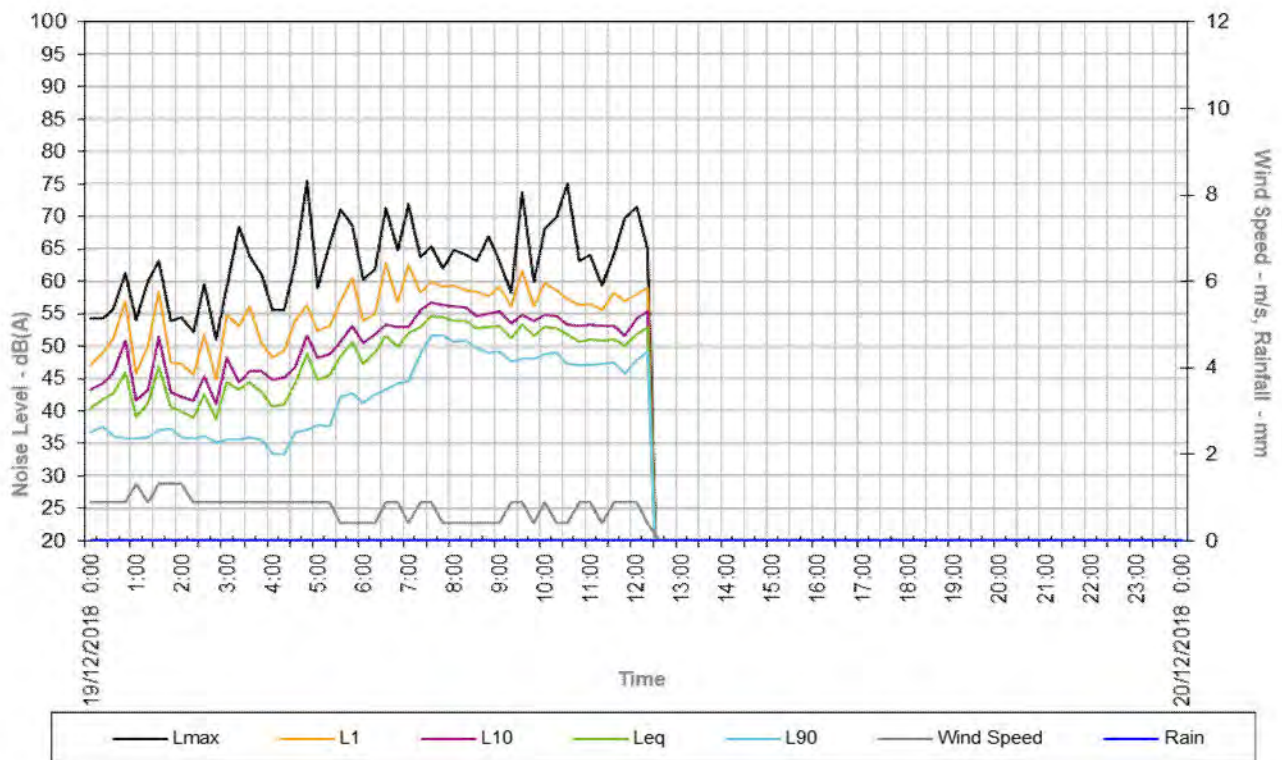
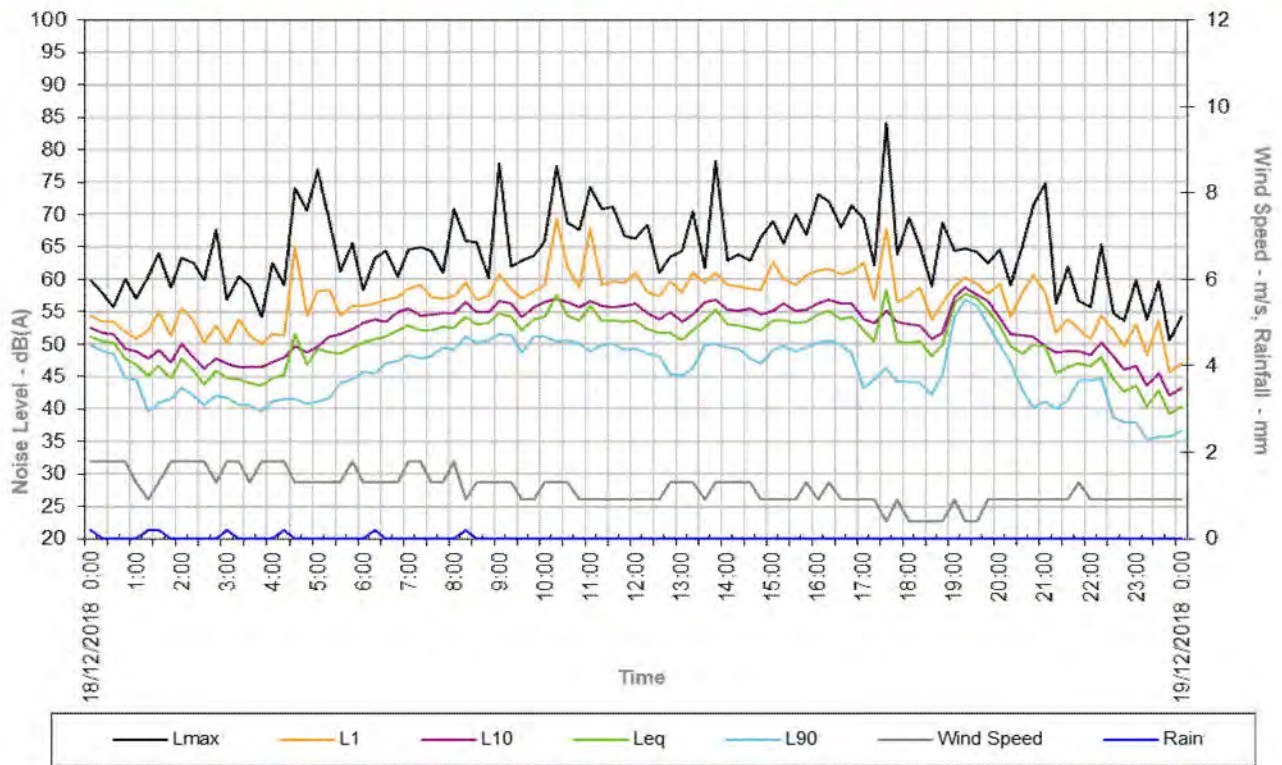
Site Noise and Weather Graphical Analysis

5 Coonan Street



Site Noise and Weather Graphical Analysis

5 Coonan Street



Logged Noise and Weather Data													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)	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)
10/12/2018	12:15	50	63	56	52	45	0.0	1.3	4.5	90	26	48	712	11/12/2018	5:45	49	69	60	52	39	0.0	0.4	1.8	113	17	94	713
10/12/2018	12:30	50	65	56	53	46	0.0	0.9	3.1	90	27	46	712	11/12/2018	6:00	47	69	55	50	38	0.0	0.4	2.2	113	17	94	713
10/12/2018	12:45	52	78	57	53	47	0.0	0.9	4.5	90	27	46	712	11/12/2018	6:15	48	66	56	50	41	0.0	0.4	2.2	113	17	94	713
10/12/2018	13:00	50	61	57	53	45	0.0	1.3	4.0	135	28	45	712	11/12/2018	6:30	48	63	55	51	41	0.0	0.4	1.8	113	17	93	713
10/12/2018	13:15	51	61	57	54	45	0.0	1.3	4.0	90	28	44	712	11/12/2018	6:45	50	68	60	53	43	0.0	0.4	2.2	113	18	92	713
10/12/2018	13:30	51	63	58	54	46	0.0	0.9	3.6	135	28	44	712	11/12/2018	7:00	49	57	55	52	45	0.0	0.4	3.1	113	18	88	713
10/12/2018	13:45	53	72	65	54	47	0.0	1.3	4.5	113	28	44	712	11/12/2018	7:15	52	69	58	54	47	0.0	0.9	3.6	90	18	84	713
10/12/2018	14:00	52	74	58	55	45	0.0	1.3	3.6	90	28	43	712	11/12/2018	7:30	53	63	56	56	50	0.0	1.3	3.6	90	19	81	713
10/12/2018	14:15	50	60	56	53	46	0.0	1.3	4.9	113	28	41	711	11/12/2018	7:45	53	73	59	55	50	0.0	1.3	3.6	90	20	78	713
10/12/2018	14:30	51	61	57	54	45	0.0	0.9	5.4	90	28	42	711	11/12/2018	8:00	52	67	58	55	49	0.0	0.9	3.1	135	20	75	713
10/12/2018	14:45	53	66	59	55	49	0.0	0.9	4.9	90	28	43	711	11/12/2018	8:15	53	71	60	55	49	0.0	1.3	3.6	90	21	72	713
10/12/2018	15:00	53	62	57	55	49	0.0	1.3	5.8	135	27	45	711	11/12/2018	8:30	53	66	59	56	49	0.0	0.9	2.7	113	21	72	713
10/12/2018	15:15	53	69	58	55	50	0.0	0.9	4.0	90	27	44	710	11/12/2018	8:45	53	71	57	55	50	0.0	0.9	4.0	113	22	68	714
10/12/2018	15:30	53	68	60	55	49	0.0	1.3	5.4	90	28	43	711	11/12/2018	9:00	53	74	62	54	47	0.0	0.9	3.1	113	22	67	713
10/12/2018	15:45	52	65	57	55	48	0.0	0.9	3.6	113	28	42	710	11/12/2018	9:15	52	66	59	54	48	0.0	0.9	3.1	113	23	66	713
10/12/2018	16:00	53	68	61	55	50	0.0	0.9	2.7	90	28	42	710	11/12/2018	9:30	52	61	57	54	48	0.0	0.9	4.0	113	23	62	713
10/12/2018	16:15	52	60	57	54	49	0.0	0.9	2.7	90	28	43	710	11/12/2018	9:45	52	64	57	55	49	0.0	0.9	3.1	113	24	60	713
10/12/2018	16:30	53	68	59	56	50	0.0	0.9	3.1	90	27	42	710	11/12/2018	10:00	52	61	58	54	48	0.0	0.9	3.1	135	23	61	713
10/12/2018	16:45	52	65	58	55	48	0.0	0.4	2.2	113	28	44	710	11/12/2018	10:15	52	62	58	55	49	0.0	0.9	4.0	90	23	58	713
10/12/2018	17:00	51	72	58	53	46	0.0	0.9	4.9	113	28	42	711	11/12/2018	10:30	54	70	61	56	49	0.0	0.9	5.4	90	24	54	713
10/12/2018	17:15	50	62	58	53	43	0.0	0.9	4.0	135	27	44	711	11/12/2018	10:45	52	68	57	54	48	0.0	1.8	4.9	113	25	54	713
10/12/2018	17:30	50	64	57	53	43	0.0	0.9	3.6	113	27	45	711	11/12/2018	11:00	52	63	58	55	49	0.0	0.9	4.5	90	25	53	713
10/12/2018	17:45	51	69	61	52	43	0.0	0.4	2.7	90	27	46	711	11/12/2018	11:15	53	62	58	55	48	0.0	1.8	4.0	135	25	51	713
10/12/2018	18:00	47	59	54	50	42	0.0	0.4	2.7	90	26	48	711	11/12/2018	11:30	52	62	58	55	48	0.0	0.9	3.6	90	25	50	713
10/12/2018	18:15	47	64	53	49	42	0.0	0.4	2.7	113	25	50	711	11/12/2018	11:45	53	63	59	55	49	0.0	1.3	4.9	90	26	48	713
10/12/2018	18:30	50	75	60	50	42	0.0	0.4	1.8	113	25	52	712	11/12/2018	12:00	53	66	58	55	49	0.0	1.3	4.0	90	26	47	713
10/12/2018	18:45	48	60	53	51	43	0.0	0.4	3.1	135	24	55	712	11/12/2018	12:15	52	63	57	55	49	0.0	1.3	4.9	90	26	48	712
10/12/2018	19:00	51	61	55	52	50	0.0	0.9	4.9	113	24	57	712	11/12/2018	12:30	53	66	59	55	49	0.0	1.8	4.0	90	26	47	712
10/12/2018	19:15	49	63	55	51	46	0.0	0.4	3.6	90	23	60	712	11/12/2018	12:45	54	72	62	56	49	0.0	1.3	4.5	113	27	46	712
10/12/2018	19:30	46	56	52	49	42	0.0	0.4	3.6	90	23	62	712	11/12/2018	13:00	53	67	60	55	49	0.0	1.3	5.4	113	27	45	712
10/12/2018	19:45	47	67	55	50	39	0.0	0.4	4.0	90	22	63	712	11/12/2018	13:15	51	61	56	54	47	0.0	1.3	4.5	90	27	45	712
10/12/2018	20:00	45	57	53	48	38	0.0	0.4	1.8	90	22	65	712	11/12/2018	13:30	51	63	56	54	48	0.0	1.3	4.5	90	27	44	712
10/12/2018	20:15	46	61	52	49	42	0.0	0.4	2.7	135	22	69	712	11/12/2018	13:45	52	61	57	55	48	0.0	1.3	5.4	90	28	44	712
10/12/2018	20:30	46	65	54	49	38	0.0	0.9	4.9	113	21	70	713	11/12/2018	14:00	53	67	61	55	49	0.0	2.2	6.7	135	28	42	712
10/12/2018	20:45	45	63	54	47	37	0.0	0.9	3.6	113	21	70	713	11/12/2018	14:15	51	60	56	53	47	0.0	1.8	4.9	113	28	43	711
10/12/2018	21:00	45	55	51	48	38	0.0	1.3	4.0	113	20	72	713	11/12/2018	14:30	53	71	58	55	49	0.0	1.3	4.9	90	28	44	711
10/12/2018	21:15	45	61	54	48	38	0.0	1.3	4.0	113	20	73	713	11/12/2018	14:45	53	67	59	56	49	0.0	1.8	5.4	90	28	43	711
10/12/2018	21:30	44	56	52	47	37	0.0	1.3	5.4	90	20	75	713	11/12/2018	15:00	56	80	70	55	49	0.0	1.3	4.9	113	28	42	711
10/12/2018	21:45	43	64	51	46	37	0.0	1.3	4.9	113	19	76	713	11/12/2018	15:15	54	83	59	56	50	0.0	1.3	5.8	90	28	42	711
10/12/2018	22:00	46	60	56	51	35	0.0	1.3	4.9	113	19	79	713	11/12/2018	15:30	53	64	58	55	50	0.0	1.8	5.4	90	28	43	711
10/12/2018	22:15	41	59	50	44	33	0.0	1.3	4.0	113	19	80	713	11/12/2018	15:45	53	66	59	55	50	0.0	1.3	4.0	90	28	42	711
10/12/2018	22:30	40	55	50	44	33	0.0	0.9	3.6	113	19	81	713	11/12/2018	16:00	55	70	66	56	49	0.0	1.3	5.8	90	28	43	711
10/12/2018	22:45	38	51	47	42	30	0.0	0.9	3.1	90	18	82	713	11/12/2018	16:15	54	68	62	57	50	0.0	1.8	4.9	113	28	43	711
10/12/2018	23:00	38	54	48	42	28	0.0	0.9	3.6	113	18	83	713	11/12/2018	16:30	53	69	58	55	50	0.0	1.3	5.4	90	27	44	711
10/12/2018	23:15	39	59	48	42	28	0.0	0.4	4.0	90	18	83	713	11/12/2018	16:45	54	77	60	56	49	0.0	1.3	3.6	90	27	45	711
10/12/2018	23:30	43	57	52	49	31	0.0	0.4	1.3	113	18	84	713	11/12/2018	17:00	50	60	55	52	45	0.0	1.3	4.5	113	27	47	711
10/12/2018	23:45	38	60	48	42	30	0.0	0.9	4.0	113	18	86	713	11/12/2018	17:15	51	61	57	53	45	0.0	1.3	4.0	135	27	48	711
11/12/2018	0:00	44	70	52	43	29	0.0	0.9	3.6	113	18	86	713	11/12/2018	17:30	51	60	55	53	46	0.0	1.3	6.3	88	26	50	711
11/12/2018	0:15	39	58	50	42	30	0.0	0.4	3.1	90	17	88	713	11/12/2018	17:45	50	62	57	52	45	0.0	1.3	3.6	90	26	52	711
11/12/2018	0:30	37	54	47	41	28	0.0	0.4	1.8	113	17	89	713	11/12/2018	18:00	49	62	55	51	44	0.0	0.9	2.7	90	25	54	711
11/12/2018	0:45	36	60	48	38	27	0.0	0.0	2.2	113	17	90	713	11/12/2018	18:15	49	65	56	52	43	0.0	0.9	3.6	88	24	66	711
11/12/2018	1:00	37	57	47	42																						

Logged Noise and Weather Data													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)	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)
11/12/2018	23:15	41	54	50	45	34	0.0	0.4	2.7	113	18	85	713	12/12/2018	16:45	53	62	57	55	49	0.0	1.3	4.0	135	28	45	708
11/12/2018	23:30	42	65	52	43	32	0.0	0.9	2.7	113	18	85	713	12/12/2018	17:00	54	73	66	54	46	0.0	1.3	3.6	113	27	46	708
11/12/2018	23:45	42	56	50	44	36	0.0	0.4	2.2	90	18	85	713	12/12/2018	17:15	51	69	56	53	45	0.0	1.3	4.9	113	27	48	709
12/12/2018	0:00	40	53	48	43	35	0.0	0.9	2.2	90	18	86	712	12/12/2018	17:30	52	70	64	53	45	0.0	1.8	6.3	113	26	49	709
12/12/2018	0:15	40	56	48	43	35	0.0	0.9	4.0	90	18	87	712	12/12/2018	17:45	50	61	57	53	44	0.0	1.8	6.7	90	26	51	709
12/12/2018	0:30	39	55	48	42	34	0.0	0.9	4.0	90	18	88	712	12/12/2018	18:00	49	67	55	52	44	0.0	1.3	4.9	90	26	54	709
12/12/2018	0:45	45	61	56	51	33	0.0	0.9	4.0	90	18	89	712	12/12/2018	18:15	50	68	56	52	46	0.0	1.8	4.9	113	25	56	709
12/12/2018	1:00	36	57	48	38	32	0.0	0.9	3.1	90	18	86	712	12/12/2018	18:30	49	68	55	51	44	0.0	1.3	4.9	113	24	58	709
12/12/2018	1:15	35	53	44	38	30	0.0	0.4	2.7	90	18	89	712	12/12/2018	18:45	51	62	55	53	47	0.0	1.3	4.9	90	24	60	709
12/12/2018	1:30	35	52	45	37	30	0.0	0.4	2.7	113	18	89	712	12/12/2018	19:00	56	70	59	56	54	0.0	1.3	6.3	90	23	62	709
12/12/2018	1:45	35	51	44	38	30	0.0	0.4	2.2	90	18	89	711	12/12/2018	19:15	53	67	58	56	48	0.0	1.3	6.3	90	23	64	710
12/12/2018	2:00	41	54	52	47	27	0.0	0.4	2.7	113	18	90	712	12/12/2018	19:30	48	61	53	50	43	0.0	1.3	4.9	90	22	66	710
12/12/2018	2:15	32	47	41	34	27	0.0	0.4	1.8	90	17	90	712	12/12/2018	19:45	47	66	55	50	42	0.0	0.9	3.1	90	22	68	710
12/12/2018	2:30	37	50	44	39	33	0.0	0.4	1.8	113	17	91	711	12/12/2018	20:00	48	61	55	51	42	0.0	0.9	3.6	90	22	68	709
12/12/2018	2:45	38	51	46	40	34	0.0	0.9	1.8	90	17	91	711	12/12/2018	20:15	47	66	54	50	41	0.0	1.3	4.9	90	21	70	710
12/12/2018	3:00	43	60	53	46	35	0.0	0.9	3.1	90	17	92	711	12/12/2018	20:30	48	68	56	50	43	0.0	1.3	6.7	113	21	72	710
12/12/2018	3:15	43	61	51	48	31	0.0	0.9	2.7	90	17	92	711	12/12/2018	20:45	48	63	56	51	42	0.0	1.3	6.3	90	20	74	710
12/12/2018	3:30	39	56	52	41	30	0.0	0.4	2.2	90	17	93	711	12/12/2018	21:00	47	63	56	50	41	0.0	0.9	6.3	90	20	76	710
12/12/2018	3:45	38	52	48	43	29	0.0	0.4	1.8	90	17	93	711	12/12/2018	21:15	47	62	55	50	42	0.0	0.9	4.9	113	20	78	710
12/12/2018	4:00	39	59	51	42	28	0.0	0.4	2.7	113	17	93	711	12/12/2018	21:30	46	59	55	49	40	0.0	0.9	3.1	90	20	80	710
12/12/2018	4:15	39	56	50	43	30	0.0	0.4	0.9	90	17	93	711	12/12/2018	21:45	45	56	51	48	41	0.0	0.9	4.0	90	19	80	710
12/12/2018	4:30	42	59	51	46	31	0.0	0.4	1.8	90	17	94	711	12/12/2018	22:00	45	58	52	48	40	0.0	0.9	3.1	90	19	82	710
12/12/2018	4:45	43	66	52	45	34	0.0	0.4	2.7	90	17	94	711	12/12/2018	22:15	43	58	50	46	38	0.0	0.9	3.1	90	19	83	710
12/12/2018	5:00	44	64	54	47	35	0.0	0.9	2.2	90	17	94	711	12/12/2018	22:30	42	52	49	45	37	0.0	0.9	3.1	113	19	84	710
12/12/2018	5:15	46	61	54	50	36	0.0	0.9	2.7	90	17	94	711	12/12/2018	22:45	44	71	51	44	34	0.0	0.4	2.2	113	19	85	710
12/12/2018	5:30	47	63	57	51	38	0.0	0.4	3.1	90	17	94	711	12/12/2018	23:00	40	55	48	43	35	0.0	0.4	2.2	113	19	85	710
12/12/2018	5:45	50	67	61	53	42	0.0	0.9	2.7	90	17	94	711	12/12/2018	23:15	43	56	51	47	34	0.0	0.4	2.7	135	18	86	710
12/12/2018	6:00	51	64	58	54	44	0.0	0.9	3.1	90	17	94	711	12/12/2018	23:30	39	59	49	43	30	0.0	0.4	2.2	113	18	86	710
12/12/2018	6:15	50	67	56	52	45	0.0	1.3	3.6	90	17	94	711	12/12/2018	23:45	42	64	58	42	30	0.0	0.4	2.2	90	18	86	710
12/12/2018	6:30	52	70	64	54	45	0.0	1.3	3.1	88	17	94	711	13/12/2018	0:00	38	59	49	42	29	0.0	0.4	1.8	90	18	86	710
12/12/2018	6:45	50	65	57	52	45	0.0	1.3	2.7	90	17	94	711	13/12/2018	0:15	39	53	49	43	29	0.0	0.4	2.2	90	18	86	709
12/12/2018	7:00	51	71	59	53	46	0.0	1.3	3.6	88	17	94	712	13/12/2018	0:30	32	48	43	36	25	0.0	0.4	0.9	90	18	87	709
12/12/2018	7:15	55	70	62	57	50	0.0	0.9	3.6	90	17	94	712	13/12/2018	0:45	35	54	47	39	23	0.0	0.0	1.3	90	18	87	709
12/12/2018	7:30	55	63	59	57	52	0.0	1.3	2.7	90	18	90	712	13/12/2018	1:00	34	50	45	39	24	0.0	0.0	0.9	90	18	87	709
12/12/2018	7:45	55	65	60	57	52	0.0	1.3	4.9	90	19	83	712	13/12/2018	1:15	36	52	48	40	24	0.0	0.0	0.4	90	18	87	709
12/12/2018	8:00	56	71	63	58	52	0.0	1.3	4.0	90	20	76	712	13/12/2018	1:30	34	49	44	38	24	0.0	0.0	0.4	90	18	87	709
12/12/2018	8:15	54	68	61	56	50	0.0	1.3	6.3	90	21	72	712	13/12/2018	1:45	31	51	43	34	23	0.0	0.0	0.9	90	18	87	709
12/12/2018	8:30	54	65	59	56	50	0.0	1.3	4.0	80	21	72	712	13/12/2018	2:00	34	60	44	36	23	0.0	0.0	0.4	90	18	87	709
12/12/2018	8:45	55	76	62	57	50	0.0	1.3	4.0	90	22	68	712	13/12/2018	2:15	33	49	44	37	22	0.0	0.0	0.9	90	18	87	709
12/12/2018	9:00	54	64	59	56	50	0.0	1.3	4.5	90	22	67	712	13/12/2018	2:30	31	47	43	34	22	0.0	0.0	0.4	90	18	87	709
12/12/2018	9:15	54	66	60	57	50	0.0	1.3	4.5	113	22	65	712	13/12/2018	2:45	37	54	49	39	28	0.0	0.0	0.4	90	18	87	708
12/12/2018	9:30	54	64	60	56	51	0.0	1.3	3.6	135	23	61	712	13/12/2018	3:00	34	49	44	37	27	0.0	0.4	1.3	90	18	88	708
12/12/2018	9:45	54	66	60	57	51	0.0	1.3	5.8	113	23	61	712	13/12/2018	3:15	36	50	46	39	28	0.0	0.4	1.3	90	18	89	708
12/12/2018	10:00	53	64	58	56	50	0.0	1.3	4.9	90	24	58	712	13/12/2018	3:30	39	51	49	44	27	0.0	0.4	1.3	90	17	89	708
12/12/2018	10:15	52	67	59	55	48	0.0	1.8	4.0	113	24	55	712	13/12/2018	3:45	39	57	50	43	30	0.0	0.4	1.3	90	17	90	708
12/12/2018	10:30	53	64	59	56	49	0.0	1.3	4.0	135	24	55	712	13/12/2018	4:00	37	55	48	42	29	0.0	0.4	1.8	90	17	90	708
12/12/2018	10:45	53	65	60	56	49	0.0	0.9	4.5	113	25	55	711	13/12/2018	4:15	38	54	47	42	30	0.0	0.4	3.1	90	17	91	708
12/12/2018	11:00	51	64	59	54	46	0.0	1.3	5.4	90	25	53	711	13/12/2018	4:30	42	55	51	46	33	0.0	0.9	2.2	90	17	91	708
12/12/2018	11:15	52	61	57	54	48	0.0	1.3	3.6	113	26	52	711	13/12/2018	4:45	44	64	51	47	33	0.0	0.4	1.3	90	17	92	708
12/12/2018	11:30	52	64	56	54	47	0.0	1.8	3.6	113	26	51	711	13/12/2018	5:00	47	66	57	49	35	0.0	0.0	1.3	90	17	92	708
12/12/2018	11:45	53	63	60	55	49	0.0	1.3	4.0	90	26	50	711	13/12/2018	5:15	51	76	61	52	38	0.0	0.0	0.4	90	17	92	709
12/12/2018	12:00	52	70	62	54	47	0.0	1.8	4.9	90	27	49	711	13/													

Logged Noise and Weather Data														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)	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)
13/12/2018	10:15	54	72	66	57	45	0.0	0.9	2.7	0	25	57	708	14/12/2018	3:45	36	51	45	39	29	0.0	0.4	2.2	293	20	88	705
13/12/2018	10:30	54	74	66	56	46	0.0	0.4	2.2	0	26	54	708	14/12/2018	4:00	39	63	51	42	30	0.0	0.4	3.1	293	20	88	705
13/12/2018	10:45	54	71	66	57	44	0.0	0.9	4.0	113	26	50	708	14/12/2018	4:15	38	55	47	41	32	0.0	0.4	3.1	293	20	89	706
13/12/2018	11:00	50	71	62	50	42	0.0	0.4	2.2	45	27	51	708	14/12/2018	4:30	44	69	49	45	38	0.0	1.3	4.0	293	20	89	705
13/12/2018	11:15	48	66	59	50	42	0.0	0.9	3.1	23	28	46	708	14/12/2018	4:45	44	57	50	46	39	0.0	1.8	5.4	293	20	89	705
13/12/2018	11:30	47	60	56	49	42	0.0	0.9	2.7	0	28	46	707	14/12/2018	5:00	46	70	56	47	41	0.0	1.8	5.8	293	20	90	705
13/12/2018	11:45	49	69	60	50	42	0.0	0.9	3.6	0	29	44	707	14/12/2018	5:15	48	60	55	51	44	0.0	2.2	5.8	293	20	90	705
13/12/2018	12:00	47	57	53	50	42	0.0	0.9	2.7	0	30	43	707	14/12/2018	5:30	49	60	55	52	46	0.2	1.8	4.9	293	20	91	706
13/12/2018	12:15	50	69	63	51	43	0.0	0.9	2.7	0	30	42	707	14/12/2018	5:45	48	59	54	51	45	0.2	1.3	3.6	293	19	90	706
13/12/2018	12:30	50	69	61	52	42	0.0	0.4	2.7	90	30	42	706	14/12/2018	6:00	49	60	54	52	46	0.2	1.8	3.8	293	19	91	706
13/12/2018	12:45	48	67	59	50	43	0.0	0.9	2.7	45	30	42	706	14/12/2018	6:15	49	60	54	51	45	0.2	1.8	5.8	293	19	90	706
13/12/2018	13:00	50	69	61	51	43	0.0	0.9	3.6	23	30	42	706	14/12/2018	6:30	48	57	54	51	44	0.0	2.2	5.4	293	19	92	706
13/12/2018	13:15	48	64	57	50	44	0.0	0.4	2.7	23	30	41	706	14/12/2018	6:45	49	62	56	51	45	0.0	1.8	4.9	293	19	91	706
13/12/2018	13:30	46	69	55	48	42	0.0	0.9	2.2	293	31	37	706	14/12/2018	7:00	49	64	56	52	45	0.0	1.8	4.0	270	19	92	706
13/12/2018	13:45	46	57	53	49	41	0.0	0.9	3.1	45	32	36	705	14/12/2018	7:15	49	71	56	51	46	0.0	1.8	3.6	270	19	92	706
13/12/2018	14:00	47	67	58	49	42	0.0	0.9	2.7	90	32	36	705	14/12/2018	7:30	49	63	54	51	46	0.0	1.8	3.6	293	19	92	706
13/12/2018	14:15	47	65	53	50	44	0.0	0.9	2.7	0	32	36	705	14/12/2018	7:45	51	65	60	53	46	0.0	1.3	2.7	270	19	91	706
13/12/2018	14:30	45	60	52	47	40	0.0	0.4	2.7	0	32	37	705	14/12/2018	8:00	49	66	56	51	45	0.0	1.3	3.6	270	19	90	705
13/12/2018	14:45	48	72	53	49	42	0.0	0.9	3.1	338	32	34	704	14/12/2018	8:15	49	65	55	51	45	0.0	1.8	4.9	293	19	90	706
13/12/2018	15:00	46	65	53	48	42	0.0	0.9	3.1	135	33	34	704	14/12/2018	8:30	53	63	57	55	48	0.0	1.3	4.9	270	20	89	706
13/12/2018	15:15	49	68	57	50	44	0.0	0.9	3.6	0	33	32	704	14/12/2018	8:45	56	63	60	58	54	0.2	0.4	2.2	90	20	85	706
13/12/2018	15:30	49	65	57	52	44	0.0	0.9	4.5	23	33	34	704	14/12/2018	9:00	54	60	58	56	52	0.6	0.9	1.8	90	19	87	705
13/12/2018	15:45	49	70	60	50	43	0.0	0.9	2.2	23	32	35	704	14/12/2018	9:15	52	69	59	55	48	0.2	0.9	1.8	90	19	90	705
13/12/2018	16:00	49	58	55	51	44	0.0	0.9	2.7	0	32	36	704	14/12/2018	9:30	50	59	55	53	47	0.0	0.4	1.8	225	20	89	706
13/12/2018	16:15	49	62	54	51	45	0.0	0.9	3.1	0	31	38	704	14/12/2018	9:45	49	71	55	51	44	0.0	0.4	1.8	113	20	87	706
13/12/2018	16:30	51	63	55	53	47	0.0	0.9	2.7	68	30	41	704	14/12/2018	10:00	51	68	59	52	45	0.0	0.4	1.8	315	21	83	706
13/12/2018	16:45	49	70	55	51	45	0.0	0.4	2.7	135	29	41	704	14/12/2018	10:15	51	72	60	52	46	0.0	0.0	1.8	315	23	81	706
13/12/2018	17:00	49	69	56	51	43	0.0	0.9	2.7	23	28	43	704	14/12/2018	10:30	51	69	62	52	46	0.0	0.4	2.2	135	24	74	705
13/12/2018	17:15	51	73	61	51	42	0.0	0.4	2.2	23	28	45	705	14/12/2018	10:45	49	64	58	51	45	0.0	0.4	1.8	113	24	73	705
13/12/2018	17:30	53	76	65	54	42	0.0	0.4	2.7	23	27	46	705	14/12/2018	11:00	48	62	54	51	44	0.0	0.4	2.2	23	25	69	705
13/12/2018	17:45	53	72	65	54	42	0.0	0.4	2.2	23	27	47	705	14/12/2018	11:15	49	67	58	51	45	0.0	0.4	2.2	23	26	66	705
13/12/2018	18:00	52	68	63	54	42	0.0	0.4	2.7	45	26	48	705	14/12/2018	11:30	49	66	58	50	44	0.0	0.9	2.7	23	27	64	705
13/12/2018	18:15	49	68	60	51	41	0.0	0.4	2.7	0	26	49	706	14/12/2018	11:45	51	72	63	51	45	0.0	1.3	3.6	23	28	61	705
13/12/2018	18:30	47	70	54	49	40	0.0	0.4	2.2	338	26	51	706	14/12/2018	12:00	51	71	61	54	44	0.0	0.9	3.1	0	29	60	705
13/12/2018	18:45	48	70	58	51	42	0.0	0.4	2.7	0	26	53	706	14/12/2018	12:15	52	71	63	54	43	0.0	0.9	3.1	23	30	59	705
13/12/2018	19:00	54	61	56	55	53	0.0	0.4	1.8	23	25	54	706	14/12/2018	12:30	50	65	56	52	46	0.0	0.4	3.1	23	29	57	705
13/12/2018	19:15	47	57	52	50	43	0.0	0.4	3.1	90	25	56	706	14/12/2018	12:45	51	70	57	53	47	0.0	0.4	2.2	338	30	57	704
13/12/2018	19:30	45	57	51	48	41	0.0	0.4	2.2	80	25	57	708	14/12/2018	13:00	52	64	59	54	48	0.0	0.4	3.1	135	29	60	704
13/12/2018	19:45	46	59	52	49	41	0.0	0.4	1.3	23	25	58	706	14/12/2018	13:15	51	60	57	53	46	0.0	0.4	3.1	135	28	60	704
13/12/2018	20:00	44	62	54	47	38	0.0	0.4	1.8	23	25	58	706	14/12/2018	13:30	50	65	54	52	46	0.0	0.4	2.2	0	28	60	704
13/12/2018	20:15	53	75	67	51	39	0.0	0.0	1.8	0	24	57	706	14/12/2018	13:45	52	69	59	54	48	0.0	0.4	3.6	113	28	60	704
13/12/2018	20:30	47	62	55	50	42	0.0	0.4	2.2	23	24	57	706	14/12/2018	14:00	52	69	62	54	46	0.0	0.4	2.2	113	29	58	704
13/12/2018	20:45	54	70	65	59	42	0.0	1.3	4.9	225	24	70	707	14/12/2018	14:15	49	59	55	52	46	0.0	0.4	2.7	113	29	58	704
13/12/2018	21:00	45	63	53	48	40	0.0	0.9	3.1	225	23	75	707	14/12/2018	14:30	49	64	55	50	45	0.0	0.9	3.1	113	29	52	704
13/12/2018	21:15	46	71	59	49	37	0.0	0.9	2.2	248	22	78	706	14/12/2018	14:45	48	62	55	60	44	0.0	0.9	3.1	113	31	48	703
13/12/2018	21:30	44	66	52	47	35	0.0	0.4	1.3	248	22	78	706	14/12/2018	15:00	50	64	58	52	46	0.0	0.4	2.2	45	31	48	703
13/12/2018	21:45	43	58	50	46	36	0.0	0.4	1.8	225	22	78	705	14/12/2018	15:15	51	59	56	53	48	0.0	0.4	2.7	113	31	52	703
13/12/2018	22:00	45	61	54	48	37	0.0	0.4	3.1	90	21	78	705	14/12/2018	15:30	52	65	56	54	48	0.0	0.4	2.2	135	29	57	703
13/12/2018	22:15	43	61	50	46	35	0.0	0.9	2.7	113	21	79	705	14/12/2018	15:45	53	72	60	54	47	0.0	0.9	2.2	113	28	61	703
13/12/2018	22:30	40	54	49	44	30	0.0	0.4	2.2	135	21	81	706	14/12/2018	16:00	52	63	57	55	49	0.0	0.4	2.7	90	27	64	703
13/12/2018	22:45	41	58	51	44	29	0.0	0.0	0.9	113	21	82	706	14/12/2018	16:15	52	60	56	54	49	0.0	0.4	1.8	113	26	68	703
13/12/2018	23:00	38	58	48	42	29	0.0	0.0	0.9	68	21	82	706	14/12/2018													

Logged Noise and Weather Data													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)	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)
14/12/2018	21:15	56	70	58	57	55	0.4	0.4	2.2	113	20	93	707	15/12/2018	14:45	49	62	56	52	45	0.0	0.4	2.2	113	29	80	707
14/12/2018	21:30	57	61	59	58	57	0.6	0.0	0.9	90	19	94	708	15/12/2018	15:00	51	65	58	54	45	0.0	0.9	3.1	90	29	60	706
14/12/2018	21:45	58	63	60	59	57	1.0	0.0	0.9	90	19	94	708	15/12/2018	15:15	53	64	57	55	49	0.0	0.9	3.6	113	29	59	706
14/12/2018	22:00	59	63	61	60	58	1.0	0.0	0.9	90	19	94	708	15/12/2018	15:30	50	69	57	53	43	0.0	0.9	3.6	113	29	60	706
14/12/2018	22:15	57	62	59	58	56	1.0	0.4	2.2	113	19	94	707	15/12/2018	15:45	49	63	56	52	43	0.0	0.9	3.6	90	29	59	706
14/12/2018	22:30	54	59	58	57	52	0.4	0.0	2.2	113	19	94	708	15/12/2018	16:00	48	63	56	51	41	0.0	0.4	2.7	90	29	57	706
14/12/2018	22:45	52	60	55	54	51	0.2	0.4	2.2	113	20	94	707	15/12/2018	16:15	47	62	52	50	42	0.0	0.9	2.7	90	29	60	706
14/12/2018	23:00	52	57	55	54	51	0.0	0.4	3.6	135	20	94	708	15/12/2018	16:30	49	71	57	52	42	0.0	0.4	2.7	90	29	62	706
14/12/2018	23:15	52	58	55	53	51	0.6	0.4	0.9	135	20	94	708	15/12/2018	16:45	52	77	58	53	46	0.0	0.4	2.2	88	28	63	706
14/12/2018	23:30	52	57	55	53	51	0.2	0.4	2.2	135	20	94	708	15/12/2018	17:00	52	69	59	55	45	0.0	0.9	3.1	88	28	67	706
14/12/2018	23:45	53	58	57	55	52	0.2	0.4	2.2	113	20	94	708	15/12/2018	17:15	52	73	63	53	45	0.0	1.3	3.1	68	27	69	706
15/12/2018	0:00	52	58	54	53	51	0.4	0.4	1.8	113	19	94	708	15/12/2018	17:30	50	63	56	53	45	0.0	0.9	3.1	68	26	71	707
15/12/2018	0:15	51	54	53	52	50	0.2	0.4	1.8	113	19	94	707	15/12/2018	17:45	52	81	59	53	45	0.0	1.3	3.6	90	28	72	707
15/12/2018	0:30	49	56	52	50	48	0.0	0.4	1.8	90	19	94	707	15/12/2018	18:00	48	63	55	51	43	0.0	1.3	4.0	68	25	73	707
15/12/2018	0:45	49	55	52	51	48	0.0	0.4	2.2	90	19	94	706	15/12/2018	18:15	48	66	58	51	43	0.0	0.9	2.2	90	25	73	707
15/12/2018	1:00	49	59	51	50	48	0.0	0.4	1.3	90	18	94	706	15/12/2018	18:30	51	70	63	51	44	0.0	0.9	2.7	90	25	74	707
15/12/2018	1:15	49	55	51	50	47	0.0	0.4	1.3	90	18	94	706	15/12/2018	18:45	53	58	56	55	49	0.0	0.9	3.1	90	25	75	707
15/12/2018	1:30	48	53	51	49	47	0.0	0.4	1.3	90	19	94	706	15/12/2018	19:00	54	68	58	55	51	0.0	0.9	2.2	68	24	76	708
15/12/2018	1:45	48	53	49	48	45	0.0	0.4	2.2	90	19	95	706	15/12/2018	19:15	52	65	56	53	50	0.0	0.9	3.1	90	24	75	708
15/12/2018	2:00	45	51	48	46	42	0.0	0.4	0.9	113	19	95	706	15/12/2018	19:30	51	70	57	52	49	0.0	1.3	3.6	68	24	74	708
15/12/2018	2:15	43	50	47	44	40	0.0	0.4	1.8	113	19	95	705	15/12/2018	19:45	48	60	54	50	46	0.0	1.3	3.1	68	24	75	708
15/12/2018	2:30	42	51	46	44	40	0.0	0.4	0.9	113	19	95	705	15/12/2018	20:00	48	72	57	49	43	0.0	0.4	2.7	90	23	77	708
15/12/2018	2:45	42	55	48	44	39	0.0	0.4	2.2	113	19	95	705	15/12/2018	20:15	50	61	57	54	44	0.0	0.4	3.6	135	23	79	709
15/12/2018	3:00	41	55	49	45	37	0.0	0.4	1.8	113	19	95	706	15/12/2018	20:30	53	62	56	55	50	0.2	0.4	2.2	113	23	82	709
15/12/2018	3:15	40	55	48	43	36	0.0	0.4	1.8	113	19	95	706	15/12/2018	20:45	53	66	56	55	52	0.4	0.0	2.2	135	23	86	709
15/12/2018	3:30	38	49	44	41	36	0.0	0.4	2.2	113	19	95	706	15/12/2018	21:00	52	59	55	54	50	0.4	0.0	2.2	135	22	88	709
15/12/2018	3:45	37	49	45	40	33	0.0	0.9	2.2	68	19	95	706	15/12/2018	21:15	50	60	54	51	48	0.0	0.4	1.8	135	21	90	709
15/12/2018	4:00	39	56	49	43	31	0.0	0.4	1.8	90	18	95	706	15/12/2018	21:30	50	64	57	52	47	0.0	0.0	1.8	135	21	91	709
15/12/2018	4:15	39	51	47	43	32	0.0	0.4	2.2	90	18	95	706	15/12/2018	21:45	49	60	54	51	46	0.2	1.3	4.5	113	21	91	709
15/12/2018	4:30	40	57	50	43	31	0.0	0.4	2.2	90	18	95	706	15/12/2018	22:00	48	57	53	50	45	0.0	1.3	4.0	113	21	92	709
15/12/2018	4:45	43	65	53	47	30	0.0	0.4	2.7	90	18	95	707	15/12/2018	22:15	47	69	52	49	43	0.0	0.9	3.6	135	21	93	709
15/12/2018	5:00	45	72	54	48	33	0.0	0.4	2.2	113	18	95	707	15/12/2018	22:30	45	54	51	48	42	0.0	1.3	4.9	113	21	93	709
15/12/2018	5:15	43	63	50	46	34	0.0	0.9	3.6	90	18	95	707	15/12/2018	22:45	48	66	55	49	45	0.0	1.3	4.0	113	21	93	709
15/12/2018	5:30	46	61	55	50	35	0.0	0.9	2.2	90	18	95	707	15/12/2018	23:00	45	54	51	48	42	0.0	0.9	4.9	113	21	93	709
15/12/2018	5:45	44	61	54	47	36	0.0	0.9	2.7	90	18	95	708	15/12/2018	23:15	44	58	51	46	41	0.0	0.4	2.2	90	21	94	709
15/12/2018	6:00	48	69	57	51	39	0.0	0.9	2.2	68	18	95	708	15/12/2018	23:30	43	52	48	45	40	0.0	0.4	2.2	135	21	94	709
15/12/2018	6:15	54	77	68	53	40	0.0	0.9	2.7	90	18	95	708	15/12/2018	23:45	42	57	49	45	38	0.0	0.9	4.0	159	21	94	709
15/12/2018	6:30	48	70	57	50	39	0.0	0.9	2.2	90	18	95	708	16/12/2018	0:00	42	58	48	45	39	0.0	0.9	4.0	90	21	94	708
15/12/2018	6:45	47	69	57	50	36	0.0	0.9	4.0	90	18	95	708	16/12/2018	0:15	42	55	49	45	39	0.0	0.9	5.8	90	21	94	708
15/12/2018	7:00	45	68	53	48	35	0.0	0.9	3.1	90	18	95	708	16/12/2018	0:30	41	50	48	44	36	0.0	1.3	4.9	90	21	94	708
15/12/2018	7:15	48	63	56	50	40	0.0	0.4	1.8	68	19	95	708	16/12/2018	0:45	39	55	48	43	32	0.0	1.3	4.9	68	21	94	708
15/12/2018	7:30	50	75	59	51	42	0.0	0.4	1.8	90	19	95	708	16/12/2018	1:00	39	51	45	42	32	0.0	0.4	2.2	90	21	94	708
15/12/2018	7:45	49	69	60	50	41	0.0	0.4	3.1	113	19	95	708	16/12/2018	1:15	41	53	47	43	39	0.0	0.4	2.7	113	21	94	708
15/12/2018	8:00	48	62	54	50	43	0.0	0.9	1.8	90	20	95	708	16/12/2018	1:30	42	64	48	43	37	0.0	0.4	2.2	113	21	94	708
15/12/2018	8:15	46	61	54	51	43	0.0	0.9	2.7	90	20	95	709	16/12/2018	1:45	40	53	48	43	36	0.0	0.4	4.0	135	21	95	708
15/12/2018	8:30	50	69	59	53	44	0.0	0.4	3.1	90	20	95	708	16/12/2018	2:00	39	60	46	42	34	0.0	0.4	3.6	113	21	95	708
15/12/2018	8:45	53	71	62	57	45	0.0	0.9	2.7	90	21	95	708	16/12/2018	2:15	38	53	46	41	33	0.0	0.4	2.7	68	21	95	708
15/12/2018	9:00	50	63	56	52	45	0.0	0.9	3.1	90	21	94	708	16/12/2018	2:30	39	58	47	41	35	0.0	0.4	2.2	90	21	95	708
15/12/2018	9:15	51	64	57	54	45	0.0	0.9	2.7	90	22	91	708	16/12/2018	2:45	38	52	46	41	35	0.0	0.4	2.7	135	21	94	708
15/12/2018	9:30	51	61	57	54	46	0.0	0.9	2.2	90	22	89	708	16/12/2018	3:00	38	51	45	40	34	0.0	0.9	4.9	113	20	95	708
15/12/2018	9:45	51	67	59	53	45	0.0	0.4	2.2	68	23	87	708	16/12/2018	3:15	39	53	49	42	33	0.2	0.4	4.9	90	20	95	708
15/12/2018	10:00	50	60	56	52	45	0.0	0.9	3.1	68	24	84	709	16/12/2018	3:30	37	53										

Logged Noise and Weather Data														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)	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)
16/12/2018	8:15	48	62	53	51	41	0.4	0.4	3.1	135	21	95	709	17/12/2018	1:45	52	58	55	53	51	0.0	0.4	2.2	90	19	96	707
16/12/2018	8:30	49	59	54	52	45	0.2	0.4	2.2	113	21	95	709	17/12/2018	2:00	50	62	55	52	49	0.0	0.9	3.6	90	19	96	707
16/12/2018	8:45	50	57	54	53	46	0.4	0.9	4.0	113	21	95	709	17/12/2018	2:15	49	54	51	50	48	0.2	0.9	3.6	90	19	96	707
16/12/2018	9:00	48	64	54	51	42	0.2	0.9	4.9	113	21	95	709	17/12/2018	2:30	48	57	50	49	47	0.0	0.9	3.1	135	19	96	707
16/12/2018	9:15	49	60	55	52	44	0.0	0.4	2.2	113	21	95	709	17/12/2018	2:45	46	52	49	48	44	0.0	0.9	4.0	113	19	96	707
16/12/2018	9:30	50	73	57	52	44	0.0	0.4	2.7	135	21	95	709	17/12/2018	3:00	44	55	48	45	42	0.0	0.9	3.6	90	19	96	707
16/12/2018	9:45	49	59	54	51	44	0.2	1.3	3.6	113	21	95	709	17/12/2018	3:15	42	49	47	44	40	0.0	0.9	2.7	90	19	96	707
16/12/2018	10:00	51	65	57	54	44	0.0	0.4	2.7	135	21	95	709	17/12/2018	3:30	41	55	49	43	39	0.0	0.9	3.6	90	19	96	707
16/12/2018	10:15	62	72	70	67	48	0.4	0.4	2.7	113	21	95	709	17/12/2018	3:45	41	50	47	43	38	0.0	0.9	2.7	90	19	96	707
16/12/2018	10:30	67	73	72	71	58	4.4	0.4	3.1	135	21	95	709	17/12/2018	4:00	40	50	47	43	37	0.0	0.9	4.9	68	19	96	708
16/12/2018	10:45	56	67	63	60	48	11.0	0.4	3.6	135	21	95	709	17/12/2018	4:15	40	53	47	44	34	0.0	0.9	3.6	90	19	96	708
16/12/2018	11:00	54	66	64	57	47	1.0	0.4	1.3	45	21	95	709	17/12/2018	4:30	46	72	56	46	35	0.0	0.4	3.1	113	19	96	708
16/12/2018	11:15	55	64	60	58	49	0.6	0.4	2.2	113	21	95	709	17/12/2018	4:45	46	70	56	47	35	0.0	0.9	3.6	113	19	96	708
16/12/2018	11:30	52	64	56	55	47	1.0	1.3	3.6	113	21	95	709	17/12/2018	5:00	50	74	64	50	35	0.0	0.9	3.1	113	19	96	708
16/12/2018	11:45	54	64	60	58	47	0.4	0.4	2.7	90	21	95	709	17/12/2018	5:15	48	63	56	49	38	0.0	0.9	5.4	135	18	96	709
16/12/2018	12:00	49	68	57	52	41	0.4	0.9	2.7	135	21	95	709	17/12/2018	5:30	46	61	53	49	38	0.0	0.9	4.0	113	18	96	708
16/12/2018	12:15	51	73	58	52	43	0.0	0.4	2.7	68	21	95	709	17/12/2018	5:45	47	63	55	51	41	0.0	0.9	3.1	113	18	96	709
16/12/2018	12:30	50	69	57	52	44	0.2	0.4	3.1	135	21	95	708	17/12/2018	6:00	49	70	59	50	41	0.0	0.9	3.6	90	18	96	709
16/12/2018	12:45	50	66	59	53	43	0.0	0.9	4.5	113	21	95	708	17/12/2018	6:15	49	64	57	51	43	0.0	0.4	2.2	113	18	96	709
16/12/2018	13:00	50	71	57	53	42	0.0	1.8	7.2	90	21	95	708	17/12/2018	6:30	48	61	55	51	41	0.0	0.4	2.2	90	19	96	709
16/12/2018	13:15	49	65	56	52	42	0.0	1.3	5.4	113	21	95	708	17/12/2018	6:45	49	65	59	51	43	0.0	0.4	3.6	113	19	96	709
16/12/2018	13:30	55	71	62	59	48	0.0	1.3	4.0	113	21	95	708	17/12/2018	7:00	50	71	58	52	43	0.0	0.4	1.8	135	19	96	709
16/12/2018	13:45	50	68	56	53	45	0.6	1.8	5.4	113	21	95	708	17/12/2018	7:15	51	60	55	53	48	0.0	0.4	2.2	135	19	96	709
16/12/2018	14:00	53	75	64	55	45	0.0	1.3	4.9	113	21	95	707	17/12/2018	7:30	51	62	57	53	47	0.2	0.9	3.1	135	19	96	710
16/12/2018	14:15	51	85	57	53	45	0.0	1.3	4.0	68	21	95	707	17/12/2018	7:45	53	70	59	55	49	0.0	0.9	3.6	135	19	96	710
16/12/2018	14:30	50	70	58	52	45	0.0	1.3	6.3	90	21	95	707	17/12/2018	8:00	54	66	59	55	50	0.0	0.9	3.6	135	19	96	710
16/12/2018	14:45	50	68	55	52	45	0.0	0.9	4.0	90	21	95	707	17/12/2018	8:15	53	68	59	56	50	0.0	0.9	4.0	113	19	96	710
16/12/2018	15:00	50	71	55	52	43	0.0	0.9	3.6	68	21	95	707	17/12/2018	8:30	54	70	62	56	50	0.0	0.4	3.6	113	19	96	710
16/12/2018	15:15	50	70	58	52	44	0.0	0.9	3.6	113	21	95	707	17/12/2018	8:45	53	70	59	55	50	0.0	0.9	3.1	113	19	96	710
16/12/2018	15:30	50	65	55	52	44	0.0	0.9	3.1	68	21	95	707	17/12/2018	9:00	53	77	59	55	49	0.0	0.9	3.1	113	19	96	710
16/12/2018	15:45	50	70	56	52	45	0.0	1.3	5.4	90	21	95	707	17/12/2018	9:15	54	76	64	55	48	0.0	0.4	3.6	135	19	96	710
16/12/2018	16:00	51	59	57	54	45	0.0	1.3	3.6	90	21	95	707	17/12/2018	9:30	52	72	56	54	48	0.0	0.9	3.1	135	20	96	710
16/12/2018	16:15	57	67	61	60	53	0.2	1.3	6.3	90	21	95	707	17/12/2018	9:45	49	60	55	52	45	0.2	0.4	2.2	113	20	96	710
16/12/2018	16:30	51	71	58	54	46	1.4	1.3	5.4	90	20	95	707	17/12/2018	10:00	53	77	63	54	48	0.0	0.4	2.7	113	20	96	710
16/12/2018	16:45	50	69	56	52	45	0.0	0.9	5.8	90	20	95	707	17/12/2018	10:15	54	75	65	55	48	0.0	0.4	2.2	135	20	96	710
16/12/2018	17:00	49	67	56	52	44	0.0	1.3	4.0	113	21	95	707	17/12/2018	10:30	53	67	63	55	48	0.0	0.4	2.7	135	20	96	709
16/12/2018	17:15	48	62	58	51	43	0.2	0.9	4.0	113	21	95	708	17/12/2018	10:45	52	69	58	54	49	0.0	0.4	2.7	113	20	96	709
16/12/2018	17:30	49	73	57	52	44	0.0	1.3	4.9	113	20	95	707	17/12/2018	11:00	53	64	58	55	50	0.0	0.4	2.2	113	20	96	709
16/12/2018	17:45	47	56	52	49	42	0.0	1.3	4.9	90	20	95	708	17/12/2018	11:15	51	62	56	53	47	0.0	0.4	3.1	113	20	96	709
16/12/2018	18:00	47	56	53	50	42	0.0	1.3	3.6	113	20	95	708	17/12/2018	11:30	52	68	58	54	47	0.0	0.4	2.7	135	20	96	709
16/12/2018	18:15	47	59	53	50	41	0.0	0.9	4.5	90	20	95	708	17/12/2018	11:45	52	77	56	53	48	0.0	0.4	3.1	135	21	96	709
16/12/2018	18:30	53	69	61	58	47	0.0	0.9	2.2	90	20	96	708	17/12/2018	12:00	53	62	58	55	50	0.0	0.4	2.7	135	21	95	709
16/12/2018	18:45	60	64	62	61	56	0.0	0.9	4.0	90	20	96	708	17/12/2018	12:15	53	69	62	55	47	0.0	0.4	2.7	135	21	93	709
16/12/2018	19:00	61	68	62	61	60	0.0	0.4	3.6	45	20	96	708	17/12/2018	12:30	51	68	56	53	46	0.0	0.4	1.8	113	21	92	709
16/12/2018	19:15	60	67	62	61	60	0.0	0.9	3.6	113	20	95	708	17/12/2018	12:45	53	64	58	55	49	0.0	0.9	4.9	113	22	87	709
16/12/2018	19:30	60	64	61	61	59	0.0	0.9	3.6	113	20	95	708	17/12/2018	13:00	53	63	58	55	50	0.0	0.9	3.6	90	23	85	709
16/12/2018	19:45	60	69	61	60	59	0.0	0.9	4.0	90	20	96	708	17/12/2018	13:15	52	75	57	54	47	0.0	1.3	4.9	113	23	84	709
16/12/2018	20:00	60	70	63	60	59	0.0	0.9	3.6	135	20	95	709	17/12/2018	13:30	52	66	56	54	48	0.0	0.9	3.1	113	24	81	708
16/12/2018	20:15	59	65	61	60	56	0.0	0.9	2.7	90	20	96	709	17/12/2018	13:45	52	61	57	54	49	0.0	0.9	3.1	90	24	81	708
16/12/2018	20:30	60	67	65	62	57	0.8	0.9	4.9	135	20	95	709	17/12/2018	14:00	50	60	55	52	46	0.0	0.9	2.7	90	24	78	708
16/12/2018	20:45	60	65	61	61	59	2.6	1.3	4.9	113	20	95	709	17/12/2018	14:15	54	68	59	56	50	0.0	0.4	2.7	113	24	78	708
16/12/2018	21:00	60	69	61	60																						

Logged Noise and Weather Data													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)	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)
17/12/2018	19:15	55	61	57	55	54	0.0	1.3	5.4	88	20	92	710	18/12/2018	12:45	52	63	60	55	45	0.0	1.3	4.0	113	24	78	710
17/12/2018	19:30	54	75	57	55	53	0.0	1.3	4.9	90	20	92	710	18/12/2018	13:00	51	64	58	54	45	0.0	1.3	4.0	90	24	78	710
17/12/2018	19:45	53	65	56	55	52	0.0	1.3	3.1	88	20	93	710	18/12/2018	13:15	52	70	61	55	46	0.0	1.3	4.0	90	24	76	710
17/12/2018	20:00	51	59	56	53	49	0.0	1.8	6.3	113	20	93	710	18/12/2018	13:30	54	62	60	56	50	0.0	0.9	2.7	90	24	76	710
17/12/2018	20:15	48	57	53	50	44	0.0	1.3	4.9	135	20	93	710	18/12/2018	13:45	55	78	61	57	50	0.0	1.3	4.9	113	25	73	710
17/12/2018	20:30	46	58	53	49	41	0.0	0.9	4.9	90	20	94	710	18/12/2018	14:00	53	63	59	55	49	0.0	1.3	3.6	90	25	73	710
17/12/2018	20:45	47	58	53	49	42	0.0	0.9	4.9	90	19	94	710	18/12/2018	14:15	53	64	59	55	49	0.0	1.3	4.9	113	25	72	710
17/12/2018	21:00	46	57	52	49	41	0.0	0.9	3.6	90	19	94	710	18/12/2018	14:30	53	63	59	56	48	0.0	1.3	4.9	113	25	71	710
17/12/2018	21:15	47	60	54	50	42	0.2	1.3	4.0	90	19	95	710	18/12/2018	14:45	52	67	58	55	47	0.0	0.9	2.7	90	26	71	710
17/12/2018	21:30	48	58	54	50	44	0.0	1.3	5.4	68	19	95	710	18/12/2018	15:00	54	69	63	55	49	0.0	0.9	2.7	90	26	71	710
17/12/2018	21:45	47	58	54	50	43	0.0	1.8	5.8	90	19	95	710	18/12/2018	15:15	54	66	60	56	50	0.0	0.9	3.1	68	26	71	710
17/12/2018	22:00	46	58	52	48	41	0.0	1.8	5.8	90	19	95	710	18/12/2018	15:30	53	70	59	55	49	0.0	0.9	3.6	90	26	71	710
17/12/2018	22:15	47	58	52	48	43	0.0	1.3	5.8	90	19	95	710	18/12/2018	15:45	54	67	61	55	50	0.0	1.3	3.1	135	25	71	710
17/12/2018	22:30	45	56	52	48	42	0.0	1.8	5.4	90	19	95	710	18/12/2018	16:00	55	73	61	56	50	0.0	0.9	3.6	113	25	71	710
17/12/2018	22:45	46	60	51	48	43	0.0	1.3	5.4	113	19	95	710	18/12/2018	16:15	55	72	62	57	51	0.0	1.3	4.9	113	25	69	710
17/12/2018	23:00	50	65	55	52	47	0.2	0.9	2.7	135	19	95	710	18/12/2018	16:30	54	68	61	56	50	0.0	0.9	4.0	90	26	67	710
17/12/2018	23:15	50	65	57	52	48	0.2	1.8	5.8	90	19	95	710	18/12/2018	16:45	54	72	61	56	49	0.0	0.9	3.1	113	26	67	710
17/12/2018	23:30	51	60	55	52	49	0.0	2.2	6.7	113	19	95	710	18/12/2018	17:00	52	69	63	54	43	0.0	0.9	4.0	113	26	68	710
17/12/2018	23:45	51	59	56	53	49	0.0	1.8	6.7	90	19	95	709	18/12/2018	17:15	51	62	57	53	45	0.0	0.9	4.0	90	26	67	710
18/12/2018	0:00	51	60	54	53	50	0.2	1.8	6.7	90	19	95	709	18/12/2018	17:30	58	84	68	55	46	0.0	0.4	3.1	90	25	70	710
18/12/2018	0:15	50	58	54	52	49	0.0	1.8	6.3	113	19	95	709	18/12/2018	17:45	50	64	56	53	44	0.0	0.9	2.7	90	25	71	710
18/12/2018	0:30	50	56	53	52	49	0.0	1.8	6.3	90	19	95	709	18/12/2018	18:00	50	70	57	53	44	0.0	0.4	1.8	113	25	72	710
18/12/2018	0:45	48	60	52	49	45	0.0	1.8	5.8	68	19	95	709	18/12/2018	18:15	50	65	59	53	44	0.0	0.4	2.2	113	24	73	710
18/12/2018	1:00	47	57	51	49	45	0.0	1.3	4.0	113	19	96	709	18/12/2018	18:30	48	59	54	51	42	0.0	0.4	1.8	113	24	76	710
18/12/2018	1:15	45	61	52	48	40	0.2	0.9	3.6	90	19	96	709	18/12/2018	18:45	50	69	56	52	45	0.0	0.4	2.2	113	23	78	710
18/12/2018	1:30	47	64	55	49	41	0.2	1.3	6.7	90	19	95	709	18/12/2018	19:00	56	64	59	57	54	0.0	0.9	2.7	113	23	81	710
18/12/2018	1:45	45	59	51	47	42	0.0	1.8	7.6	90	19	95	709	18/12/2018	19:15	58	65	60	59	57	0.0	0.4	2.7	113	22	82	711
18/12/2018	2:00	48	63	56	50	43	0.0	1.8	4.9	90	19	95	709	18/12/2018	19:30	57	64	59	58	56	0.0	0.4	3.1	113	22	84	711
18/12/2018	2:15	46	63	54	48	42	0.0	1.8	5.8	90	18	95	708	18/12/2018	19:45	55	63	58	57	53	0.0	0.9	3.1	113	22	84	711
18/12/2018	2:30	44	60	50	46	41	0.0	1.8	5.4	90	18	96	709	18/12/2018	20:00	53	65	59	54	50	0.0	0.9	3.6	90	22	86	711
18/12/2018	2:45	46	68	53	48	42	0.0	1.3	4.9	90	18	96	709	18/12/2018	20:15	50	59	54	52	47	0.0	0.9	3.1	113	21	87	711
18/12/2018	3:00	45	57	50	47	42	0.2	1.8	4.9	90	18	96	709	18/12/2018	20:30	49	65	58	51	43	0.0	0.9	3.6	90	21	88	711
18/12/2018	3:15	45	61	54	47	41	0.0	1.8	4.9	90	18	95	708	18/12/2018	20:45	50	71	61	51	40	0.0	0.9	3.1	113	21	89	712
18/12/2018	3:30	44	59	51	46	41	0.0	1.3	5.4	90	18	96	709	18/12/2018	21:00	50	75	58	50	41	0.0	0.9	5.4	113	21	90	712
18/12/2018	3:45	44	54	50	46	40	0.0	1.8	4.9	113	18	95	709	18/12/2018	21:15	46	56	52	49	40	0.0	0.9	5.8	113	21	91	711
18/12/2018	4:00	45	63	52	47	41	0.0	1.8	5.4	113	18	96	709	18/12/2018	21:30	47	62	54	49	41	0.0	0.9	3.6	90	20	92	712
18/12/2018	4:15	45	59	51	48	42	0.2	1.8	4.9	90	18	96	709	18/12/2018	21:45	47	57	52	49	44	0.0	1.3	4.0	90	20	92	712
18/12/2018	4:30	52	74	65	50	42	0.0	1.3	4.5	80	18	96	709	18/12/2018	22:00	47	56	51	48	44	0.0	0.9	3.1	90	20	92	712
18/12/2018	4:45	47	71	54	49	41	0.0	1.3	4.0	90	18	96	709	18/12/2018	22:15	48	65	54	50	45	0.0	0.9	3.1	113	20	93	712
18/12/2018	5:00	49	77	58	50	41	0.0	1.3	4.0	88	18	96	709	18/12/2018	22:30	45	55	52	48	39	0.0	0.9	4.9	90	20	93	712
18/12/2018	5:15	49	69	58	51	42	0.0	1.3	3.1	68	18	96	709	18/12/2018	22:45	43	54	50	46	38	0.0	0.9	4.0	90	20	94	712
18/12/2018	5:30	49	61	54	52	44	0.0	1.3	4.0	90	18	96	709	18/12/2018	23:00	44	60	53	47	38	0.0	0.9	2.7	90	20	94	712
18/12/2018	5:45	50	66	56	52	45	0.0	1.8	4.9	113	18	96	710	18/12/2018	23:15	41	54	48	44	35	0.0	0.9	2.7	90	19	94	711
18/12/2018	6:00	50	58	56	53	46	0.0	1.3	6.3	113	19	96	710	18/12/2018	23:30	43	60	54	46	36	0.0	0.9	3.1	90	19	94	711
18/12/2018	6:15	51	63	56	54	46	0.2	1.3	4.9	90	19	96	710	18/12/2018	23:45	39	51	46	42	36	0.0	0.9	3.6	90	19	94	711
18/12/2018	6:30	51	64	57	53	47	0.0	1.3	5.8	113	19	96	710	19/12/2018	0:00	41	54	47	43	37	0.0	0.9	2.7	90	19	94	711
18/12/2018	6:45	52	60	57	55	48	0.0	1.3	3.6	68	19	96	710	19/12/2018	0:15	42	54	49	44	38	0.0	0.9	3.6	90	19	95	711
18/12/2018	7:00	53	65	59	56	48	0.0	1.8	4.5	90	19	96	710	19/12/2018	0:30	43	56	51	46	36	0.0	0.9	3.1	90	19	95	711
18/12/2018	7:15	52	65	59	54	48	0.0	1.8	8.9	90	19	96	710	19/12/2018	0:45	46	61	57	51	36	0.0	0.9	4.9	90	19	95	711
18/12/2018	7:30	52	64	57	55	48	0.0	1.3	4.0	90	19	96	710	19/12/2018	1:00	39	54	46	42	36	0.0	1.3	4.0	113	19	95	711
18/12/2018	7:45	53	61	57	55	50	0.0	1.3	4.9	90	19	96	711	19/12/2018	1:15	41	60	50	43	36	0.0	0.9	3.6	113	19	95	710
18/12/2018	8:00	53	71	57	55	49	0.0	1.8	5.8																		

Noise Monitoring Data Sheet

Inland Rail

SITE ID
G2H-8

From	Monday 10/12/2018 16:15	Meas. Type	Free Field	Package	Gowrie to Helidon
To	Tuesday 18/12/2018 13:45	Mic. Height (m)	1.8	Address	412 Gittins Road
Instrument Type	01 dB DUO	Weather Station	No	Suburb	Withcott
Instrument Serial #	12601	Operator	JR/BR	Land Use	Residential
Inst. Cal. Date	10/1/2018	Sample Int.	15 min	Latitude	27°30'24.61"S
Pre Calibration	94.4	RP Lot#	259/CC317	Longitude	152° 1'22.75"E
Post Calibration	94.1				

Daytime

RBL **31.4 dB(A)**

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

ABLs Day (Sat 8 am - 1 pm)

Tuesday 11/12/2018	29.7	dB(A)
Wednesday 12/12/2018	31.4	dB(A)
Thursday 13/12/2018	31.4	dB(A)
Friday 14/12/2018	29.7	dB(A)
Saturday 15/12/2018	32.4	dB(A)
Monday 17/12/2018	33.6	dB(A)
Tuesday 18/12/2018	33.7	dB(A)

Evening

RBL **32.8 dB(A)**

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

ABLs Evening (Sat 1 pm - 10 pm)

ABLs Evening (Sun 7 am - 10 pm)

Monday 10/12/2018	31.5	dB(A)
Tuesday 11/12/2018	29.3	dB(A)
Wednesday 12/12/2018	32.0	dB(A)
Thursday 13/12/2018	31.0	dB(A)
Friday 14/12/2018	48.5	dB(A)
Saturday 15/12/2018	33.5	dB(A)
Sunday 16/12/2018	33.8	dB(A)
Monday 17/12/2018	43.3	dB(A)

Night

RBL **36.4 dB(A)**

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

ABLs Night (Fri 6pm - 8am)

Monday 10/12/2018	25.4	dB(A)
Tuesday 11/12/2018	28.5	dB(A)
Wednesday 12/12/2018	30.4	dB(A)
Thursday 13/12/2018	33.6	dB(A)
Friday 14/12/2018	40.3	dB(A)
Saturday 15/12/2018	39.1	dB(A)
Sunday 16/12/2018	44.6	dB(A)
Monday 17/12/2018	40.9	dB(A)

Site Diagram - Diagram



Inland Rail

Project:60553814

Future Freight
Integrating Community, Environment and Engineering

Site Attended Measurements Summary

One Attended Measurements Summary

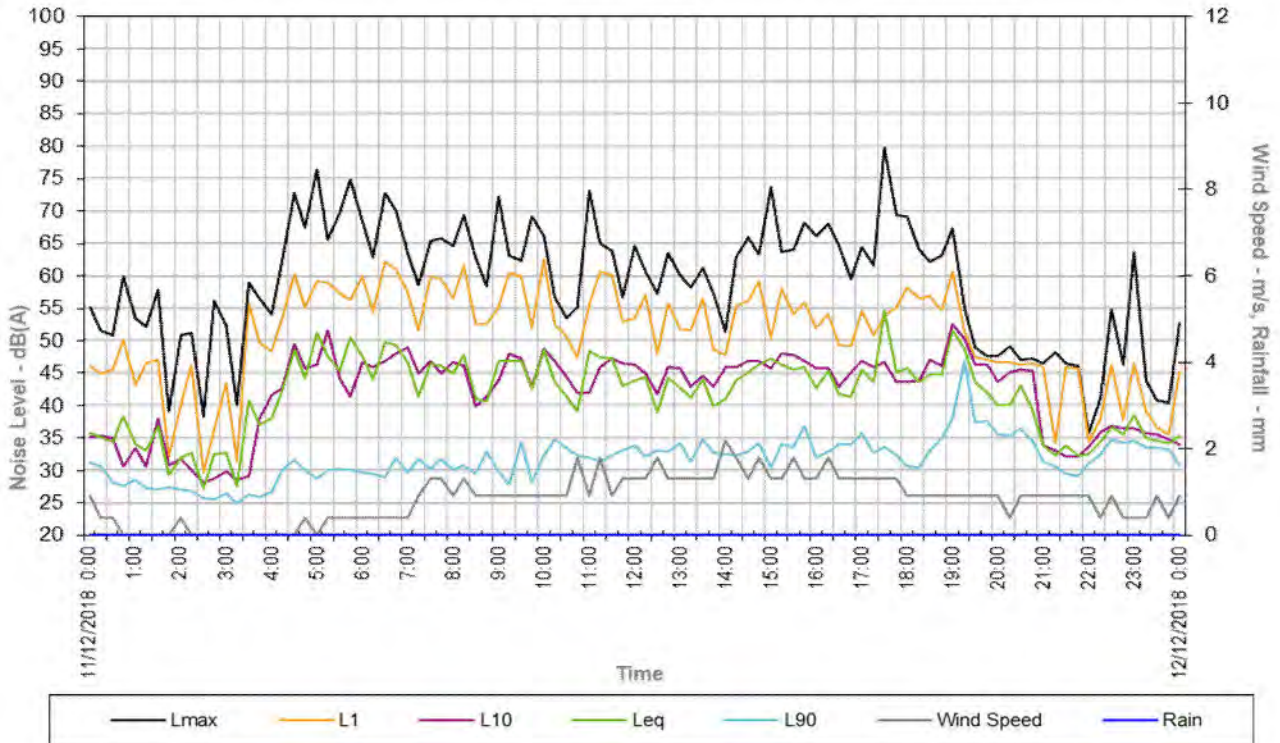
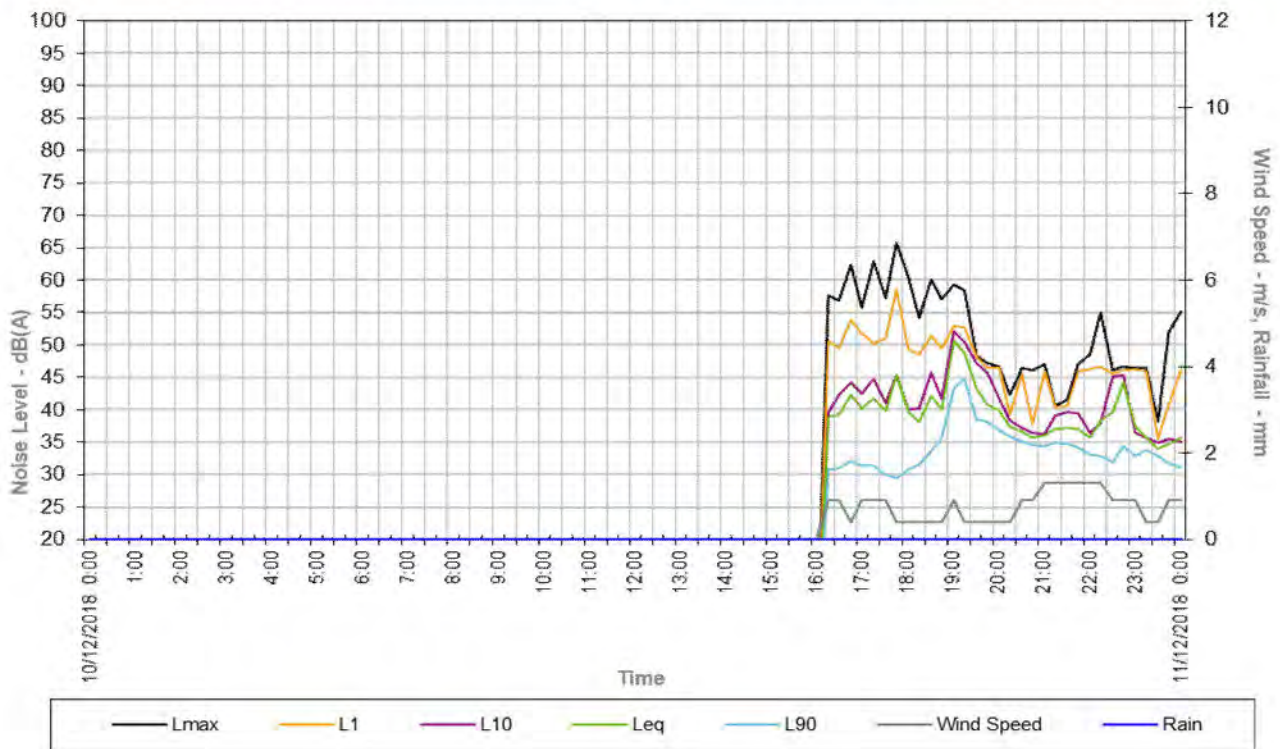
Date	Start	Measurement					Weather	End	
		Type	Lmax	L1	L10	L90	Leq		Conditions
10/12/2018	12:00 AM	Attended	83.0	62.9	46.7	29.4	50.7	Pass	12:15 AM
Comments		Logged	-	-	-	-	-		
		Difference	-	-	-	-	-		
	Data Logger: SVAN 957 (S/N: 27551). Attended measurement taken before the start of the logging time. Noise environment dominated by bird and insect noise at 35-45dB(A). Child inside house at 47dB(A). Koel calling at 55dB(A). Light wind noise in trees at 45-47dB(A).								
18/12/2018	1:45 PM	Attended	63.6	50.7	39.7	34.0	39.4	Pass	2:00 PM
Comments		Logged	62.1	50.9	40.3	35.0	40.3		
		Difference	1.5	-0.2	-0.6	-1.0	-0.9		
	Data Logger: NTI-XL2 (S/N: A2A-09320-E0). Insects at 38dB(A), insects at 33dB(A) and natural sources at 34 - 35dB(A) dominate the background. Unspecified source at 43dB(A). Wind gusts at 39dB(A). Impact noises at 50 - 51dB(A). Birds at 33 - 48dB(A). Water tank at 50dB(A). Horse at 40dB(A).								

Photos



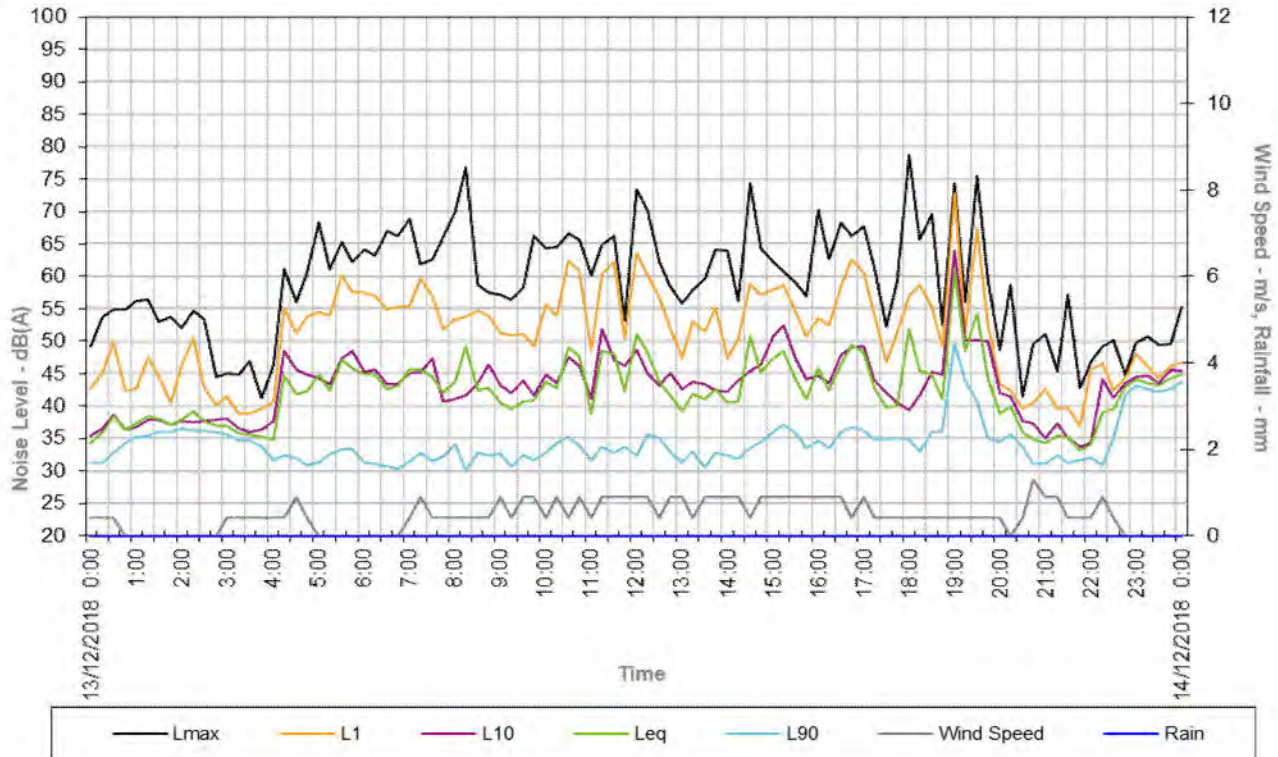
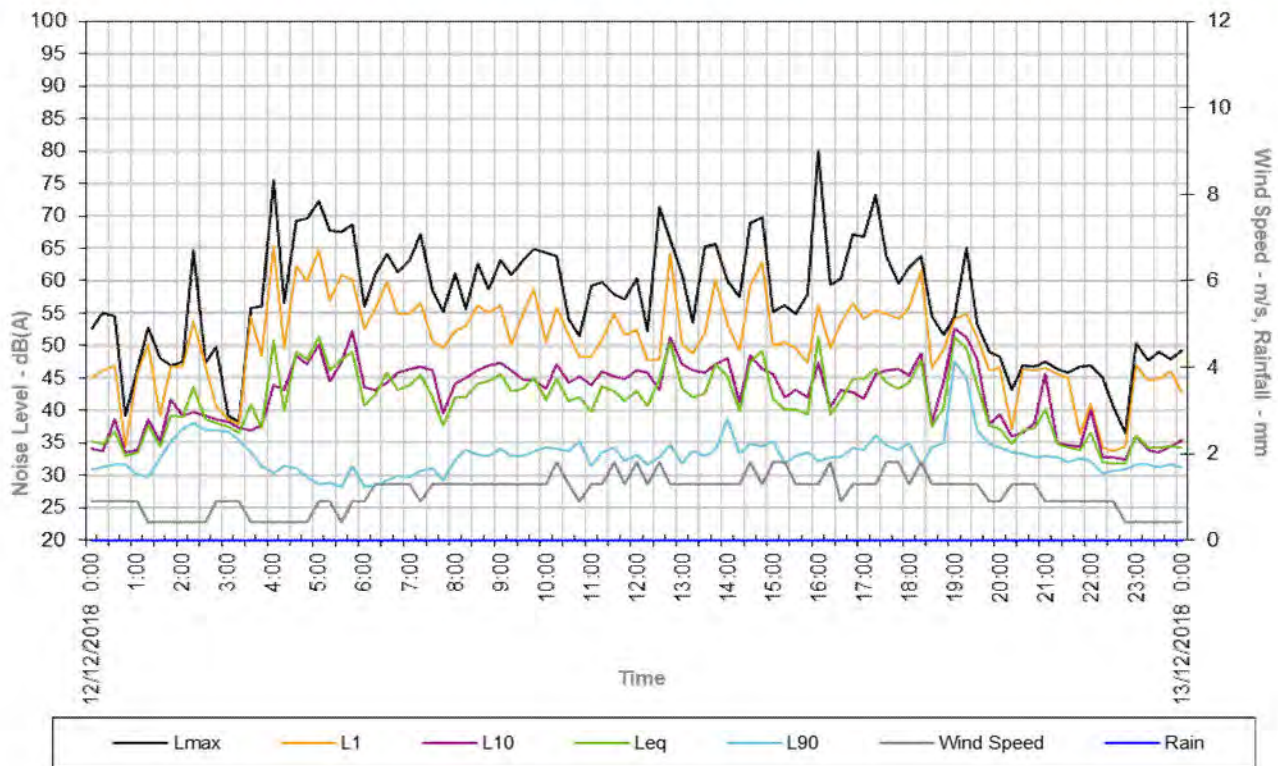
Site Noise and Weather Graphical Analysis

412 Gittins Road



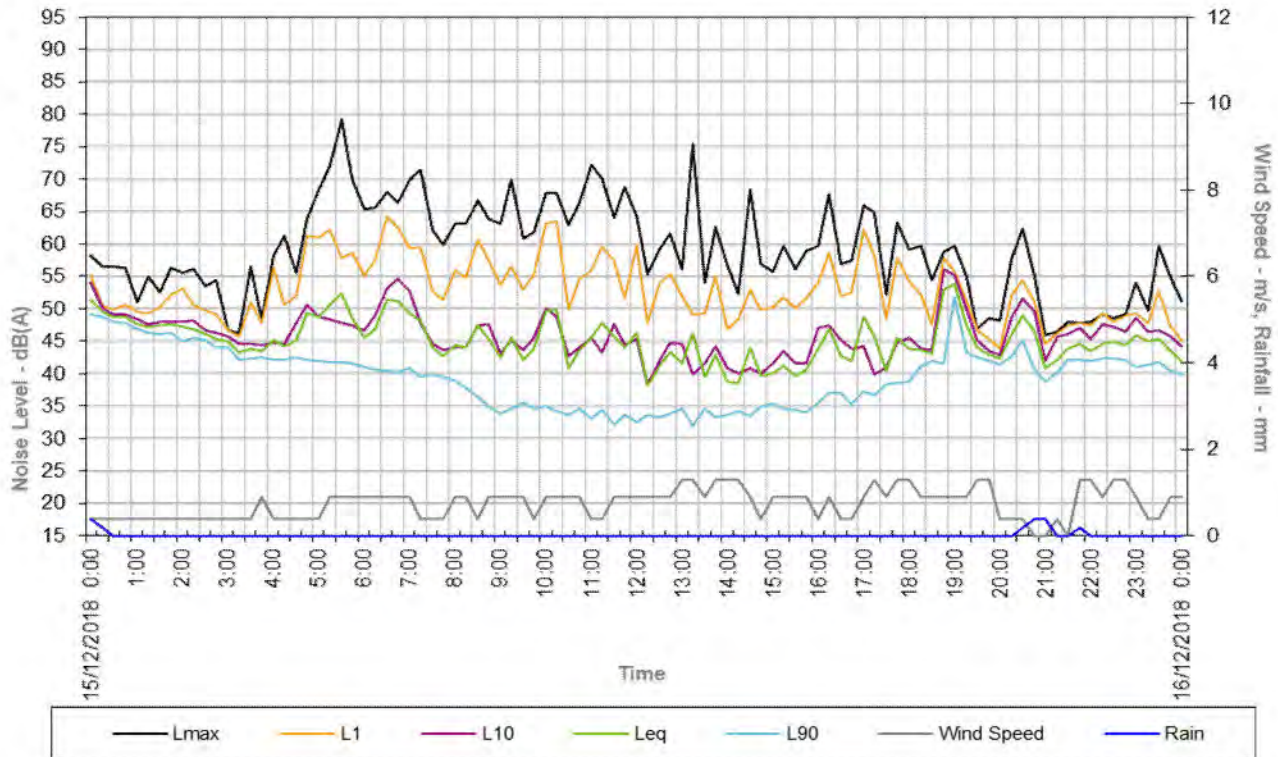
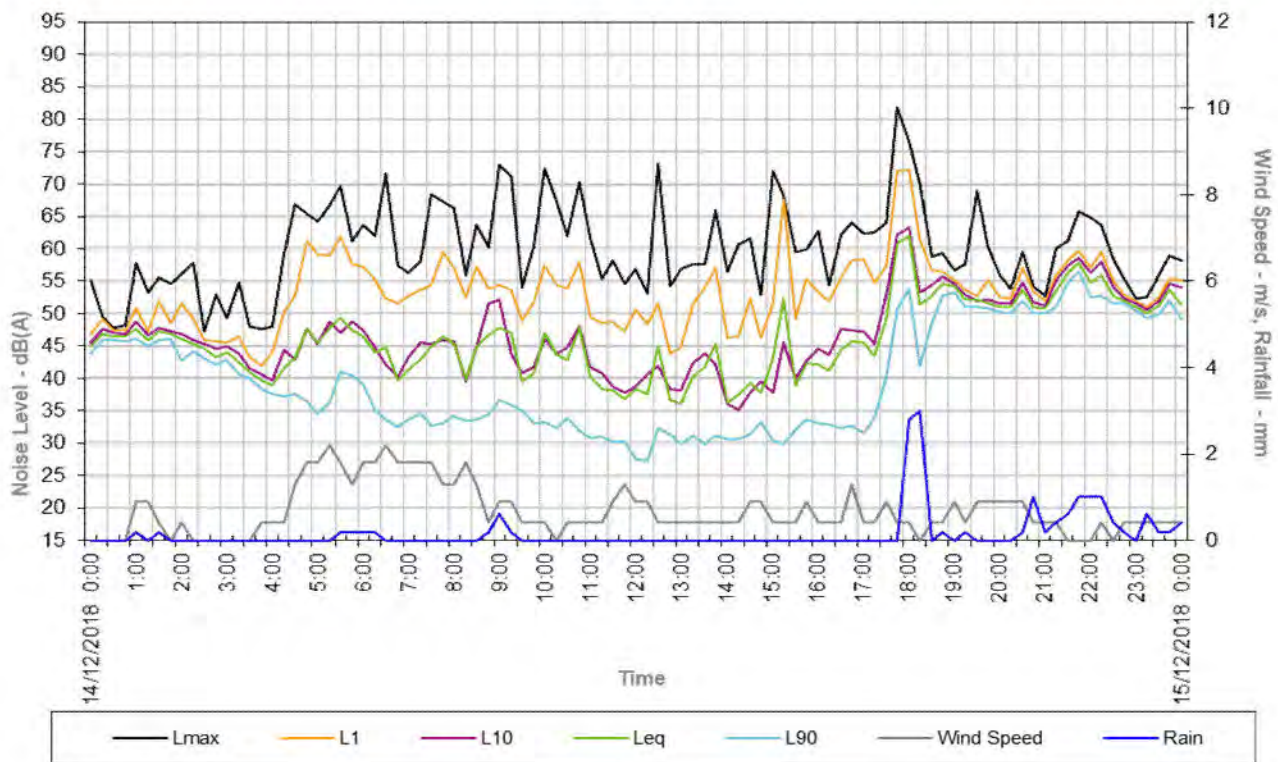
Site Noise and Weather Graphical Analysis

412 Gittins Road



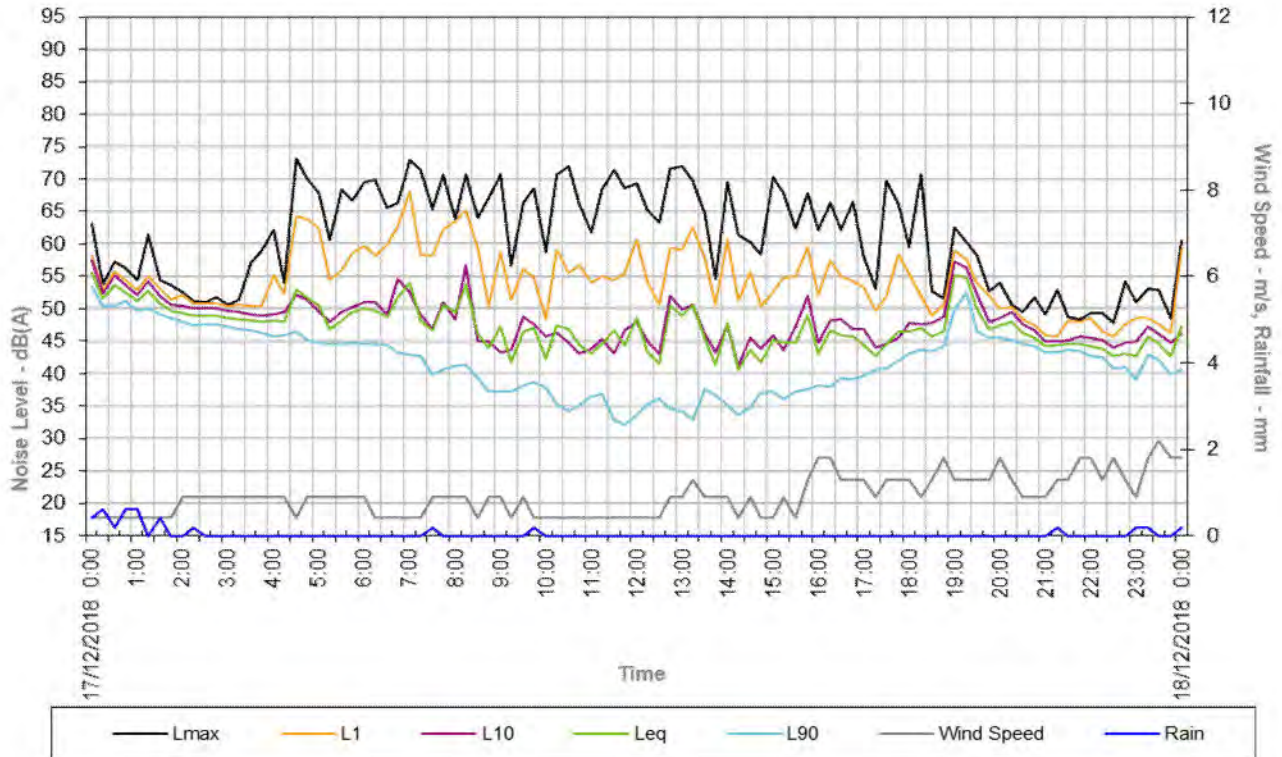
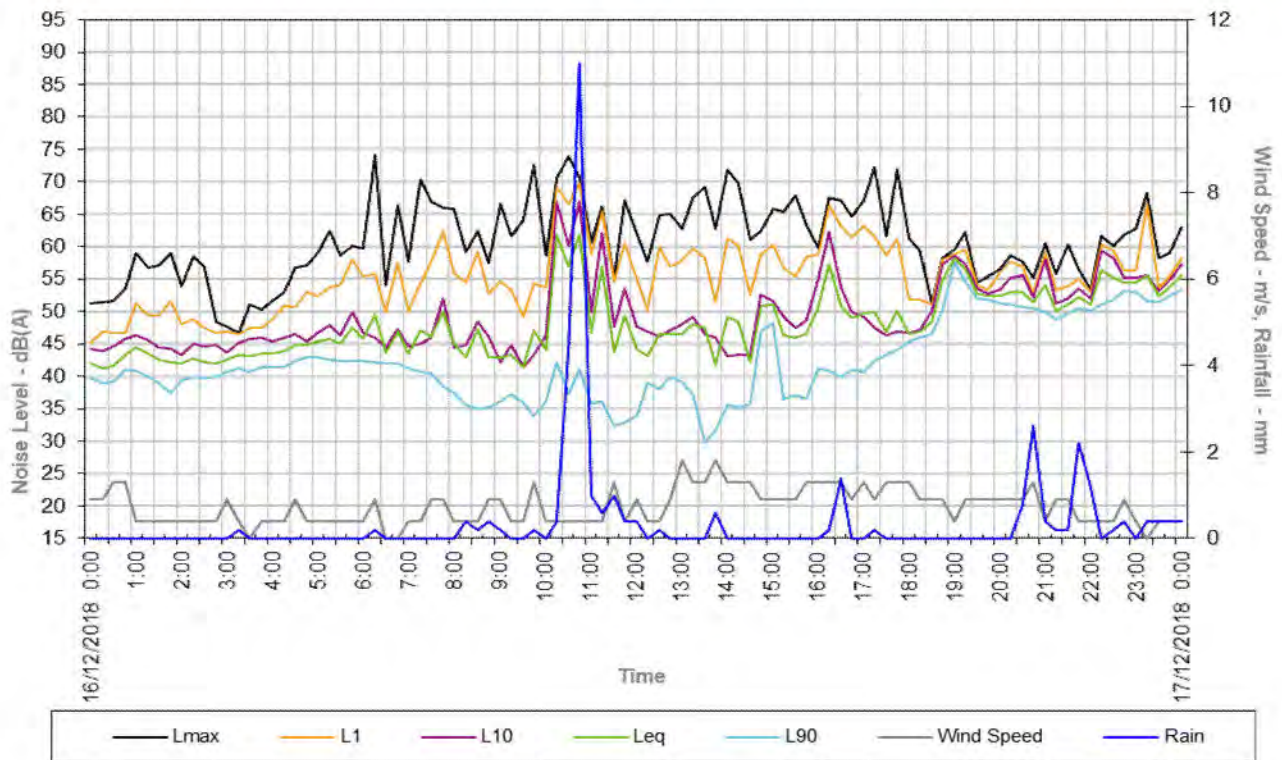
Site Noise and Weather Graphical Analysis

412 Gittins Road



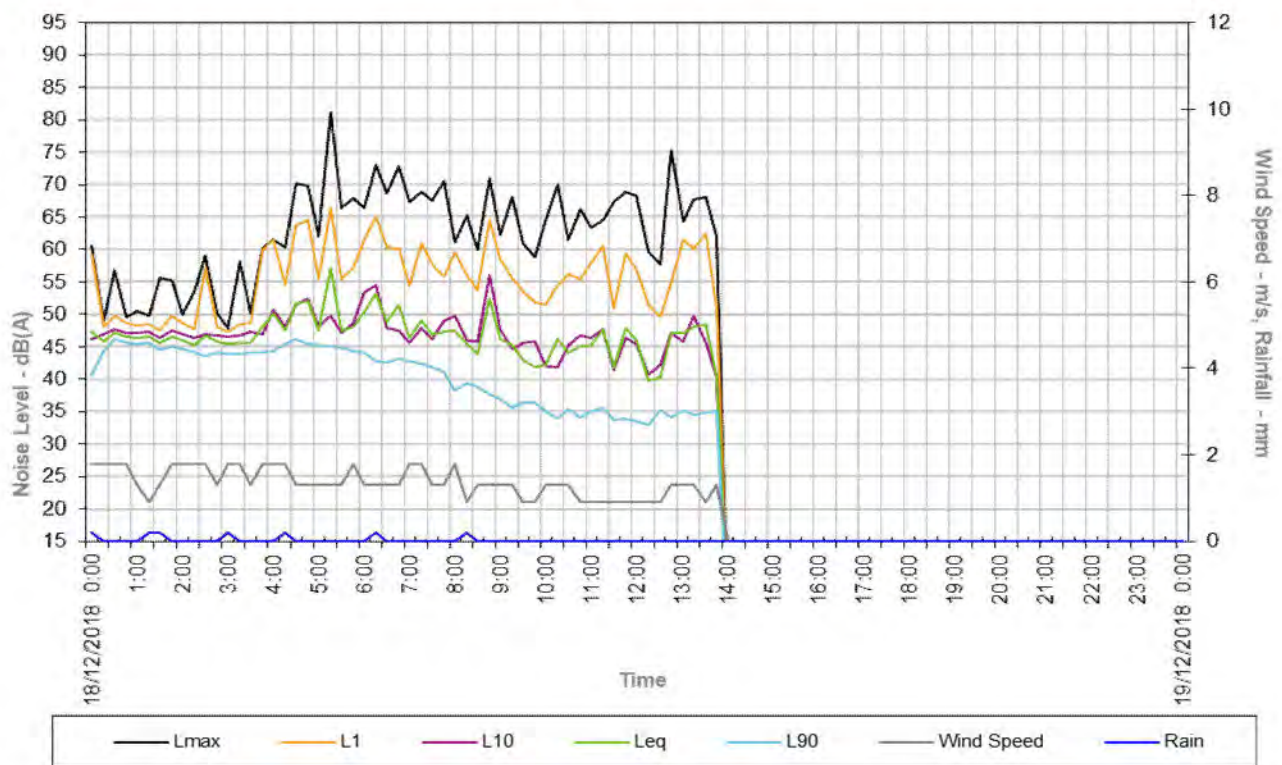
Site Noise and Weather Graphical Analysis

412 Gittins Road



Site Noise and Weather Graphical Analysis

412 Gittins Road



Logged Noise and Weather Data													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)	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)
10/12/2018	16:15	39	58	51	40	31	0.0	0.9	2.7	90	26	43	710	11/12/2018	9:45	43	69	52	43	28	0.0	0.9	3.1	113	24	60	713
10/12/2018	16:30	39	57	50	42	31	0.0	0.9	3.1	90	27	42	710	11/12/2018	10:00	49	66	63	49	32	0.0	0.9	3.1	135	23	61	713
10/12/2018	16:45	42	62	54	44	32	0.0	0.4	2.2	113	28	44	710	11/12/2018	10:15	44	57	53	47	35	0.0	0.9	4.0	90	23	58	713
10/12/2018	17:00	40	56	52	43	31	0.0	0.9	4.9	113	28	42	711	11/12/2018	10:30	41	53	51	44	34	0.0	0.9	5.4	90	24	54	713
10/12/2018	17:15	42	63	50	45	31	0.0	0.9	4.0	135	27	44	711	11/12/2018	10:45	39	55	48	42	32	0.0	1.8	4.9	113	25	54	713
10/12/2018	17:30	40	57	51	41	30	0.0	0.9	3.6	113	27	45	711	11/12/2018	11:00	48	73	56	42	32	0.0	0.9	4.5	90	26	53	713
10/12/2018	17:45	45	66	59	45	29	0.0	0.4	2.7	90	27	46	711	11/12/2018	11:15	48	65	61	46	31	0.0	1.8	4.0	135	25	51	713
10/12/2018	18:00	40	60	49	40	31	0.0	0.4	2.7	90	26	48	711	11/12/2018	11:30	47	64	60	47	32	0.0	0.9	3.6	90	25	50	713
10/12/2018	18:15	38	54	49	40	32	0.0	0.4	2.7	113	25	50	711	11/12/2018	11:45	43	57	53	47	33	0.0	1.3	4.9	90	26	48	713
10/12/2018	18:30	42	60	51	46	34	0.0	0.4	1.8	113	25	52	712	11/12/2018	12:00	44	65	54	46	34	0.0	1.3	4.0	90	26	47	713
10/12/2018	18:45	40	57	50	42	36	0.0	0.4	3.1	135	24	55	712	11/12/2018	12:15	44	61	57	45	32	0.0	1.3	4.9	90	26	48	712
10/12/2018	19:00	51	59	53	52	43	0.0	0.9	4.9	113	24	57	712	11/12/2018	12:30	39	57	48	42	33	0.0	1.8	4.0	90	26	47	712
10/12/2018	19:15	49	58	53	51	45	0.0	0.4	3.6	90	23	60	712	11/12/2018	12:45	44	63	56	46	33	0.0	1.3	4.5	113	27	46	712
10/12/2018	19:30	43	48	48	47	39	0.0	0.4	3.6	90	23	62	712	11/12/2018	13:00	43	60	52	46	34	0.0	1.3	5.4	113	27	45	712
10/12/2018	19:45	41	47	47	46	38	0.0	0.4	4.0	90	22	63	712	11/12/2018	13:15	41	58	52	43	31	0.0	1.3	4.5	90	27	45	712
10/12/2018	20:00	40	47	46	42	37	0.0	0.4	1.8	90	22	65	712	11/12/2018	13:30	44	61	57	45	35	0.0	1.3	4.5	90	27	44	712
10/12/2018	20:15	37	42	39	38	36	0.0	0.4	2.7	135	22	69	712	11/12/2018	13:45	40	57	49	43	33	0.0	1.3	5.4	90	28	44	712
10/12/2018	20:30	37	46	46	37	35	0.0	0.9	4.9	113	21	70	713	11/12/2018	14:00	41	51	48	46	33	0.0	2.2	6.7	135	28	42	712
10/12/2018	20:45	36	46	38	37	35	0.0	0.9	3.6	113	21	70	713	11/12/2018	14:15	44	63	55	46	32	0.0	1.8	4.9	113	28	43	711
10/12/2018	21:00	36	47	46	36	34	0.0	1.3	4.0	113	20	72	713	11/12/2018	14:30	45	66	56	47	33	0.0	1.3	4.9	90	28	44	711
10/12/2018	21:15	37	41	41	39	35	0.0	1.3	4.0	113	20	73	713	11/12/2018	14:45	48	63	59	47	34	0.0	1.8	5.4	90	28	43	711
10/12/2018	21:30	37	42	41	40	35	0.0	1.3	5.4	90	20	75	713	11/12/2018	15:00	47	74	50	46	31	0.0	1.3	4.9	113	28	42	711
10/12/2018	21:45	37	47	46	40	34	0.0	1.3	4.9	113	19	76	713	11/12/2018	15:15	46	64	58	48	34	0.0	1.3	5.8	90	28	42	711
10/12/2018	22:00	36	49	46	37	33	0.0	1.3	4.9	113	19	79	713	11/12/2018	15:30	46	64	54	48	34	0.0	1.8	5.4	90	28	43	711
10/12/2018	22:15	38	55	47	38	33	0.0	1.3	4.0	113	19	80	713	11/12/2018	15:45	48	68	56	47	37	0.0	1.3	4.0	90	28	42	711
10/12/2018	22:30	40	46	46	45	32	0.0	0.9	3.6	113	19	81	713	11/12/2018	16:00	43	66	52	46	32	0.0	1.3	5.8	90	28	43	711
10/12/2018	22:45	44	47	46	45	34	0.0	0.9	3.1	90	18	82	713	11/12/2018	16:15	45	68	54	46	33	0.0	1.8	4.9	113	28	43	711
10/12/2018	23:00	37	47	46	36	33	0.0	0.9	3.6	113	18	83	713	11/12/2018	16:30	42	65	49	43	34	0.0	1.3	5.4	90	27	44	711
10/12/2018	23:15	36	46	46	36	34	0.0	0.4	4.0	90	18	83	713	11/12/2018	16:45	41	60	49	45	34	0.0	1.3	3.6	90	27	45	711
10/12/2018	23:30	34	38	36	35	33	0.0	0.4	1.3	113	18	84	713	11/12/2018	17:00	48	64	55	47	36	0.0	1.3	4.5	113	27	47	711
10/12/2018	23:45	35	52	41	36	32	0.0	0.9	4.0	113	18	86	713	11/12/2018	17:15	44	62	51	46	33	0.0	1.3	4.0	135	27	48	711
11/12/2018	0:00	36	55	46	35	31	0.0	0.9	3.6	113	18	86	713	11/12/2018	17:30	55	80	54	47	34	0.0	1.3	6.3	68	26	50	711
11/12/2018	0:15	35	52	45	35	31	0.0	0.4	3.1	90	17	88	713	11/12/2018	17:45	45	69	55	44	32	0.0	1.3	3.6	90	26	52	711
11/12/2018	0:30	34	51	46	35	28	0.0	0.4	1.8	113	17	89	713	11/12/2018	18:00	46	69	58	44	31	0.0	0.9	2.7	90	25	54	711
11/12/2018	0:45	38	60	50	31	28	0.0	0.0	2.2	113	17	90	713	11/12/2018	18:15	44	64	57	44	30	0.0	0.9	3.6	68	24	56	711
11/12/2018	1:00	34	53	43	33	29	0.0	0.0	1.8	113	17	90	712	11/12/2018	18:30	45	62	57	47	33	0.0	0.9	3.1	68	24	58	711
11/12/2018	1:15	33	52	47	31	27	0.0	0.0	0.9	113	17	90	712	11/12/2018	18:45	45	63	55	46	35	0.0	0.9	4.5	90	23	61	712
11/12/2018	1:30	37	58	47	38	27	0.0	0.0	1.8	113	17	91	712	11/12/2018	19:00	52	67	61	53	38	0.0	0.9	3.1	90	23	62	712
11/12/2018	1:45	29	39	32	31	27	0.0	0.0	0.9	113	17	91	712	11/12/2018	19:15	49	55	51	50	47	0.0	0.9	5.4	113	22	64	712
11/12/2018	2:00	32	51	40	32	27	0.0	0.4	1.8	113	17	91	712	11/12/2018	19:30	44	49	48	46	37	0.0	0.9	3.6	90	22	65	712
11/12/2018	2:15	33	51	46	30	27	0.0	0.0	0.9	113	17	92	712	11/12/2018	19:45	42	48	47	46	38	0.0	0.9	3.1	90	21	66	712
11/12/2018	2:30	27	38	30	28	26	0.0	0.0	0.9	113	17	92	712	11/12/2018	20:00	40	48	47	44	36	0.0	0.9	2.7	90	21	66	712
11/12/2018	2:45	32	56	36	29	26	0.0	0.0	0.9	113	17	92	712	11/12/2018	20:15	40	49	47	45	35	0.0	0.4	2.7	90	21	68	713
11/12/2018	3:00	33	52	44	30	26	0.0	0.0	0.9	113	17	92	712	11/12/2018	20:30	43	47	46	46	37	0.0	0.9	5.8	135	20	69	713
11/12/2018	3:15	28	40	31	29	25	0.0	0.0	0.4	113	17	93	712	11/12/2018	20:45	39	47	47	45	35	0.0	0.9	4.0	90	20	71	713
11/12/2018	3:30	41	59	56	29	26	0.0	0.0	0.9	113	17	93	712	11/12/2018	21:00	34	47	46	34	31	0.0	0.9	5.8	90	20	74	713
11/12/2018	3:45	37	56	50	38	26	0.0	0.0	1.8	113	17	93	712	11/12/2018	21:15	32	48	34	33	31	0.0	0.9	2.7	90	19	76	713
11/12/2018	4:00	38	54	48	42	27	0.0	0.0	1.8	113	17	93	712	11/12/2018	21:30	34	47	46	32	30	0.0	0.9	2.7	90	19	78	713
11/12/2018	4:15	42	62	53	43	30	0.0	0.0	0.9	113	17	93	712	11/12/2018	21:45	32	46	46	32	29	0.0	0.9	2.2	68	19	79	713
11/12/2018	4:30	49	73	60	50	32	0.0	0.0	1.8	113	17	93	712	11/12/2018	22:00	33	36	34	34	31	0.0	0.9	2.7	90	19	81	713
11/12/2018	4:45	44	67	55	46	30	0.0	0.4	2.2	113	17	93	712	11/12/2018	22:15	34	41	38	36	33	0.0	0.4	2.7	90	19	82	713
11/12/2018	5:00	51	76	59	46																						

Logged Noise and Weather Data													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)	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)
12/12/2018	3:15	37	38	38	37	35	0.0	0.9	2.7	90	17	92	711	12/12/2018	20:45	37	47	46	38	33	0.0	1.3	6.3	90	20	74	710
12/12/2018	3:30	41	56	55	37	34	0.0	0.4	2.2	90	17	93	711	12/12/2018	21:00	40	47	47	46	33	0.0	0.9	6.3	90	20	76	710
12/12/2018	3:45	37	56	48	38	31	0.0	0.4	1.8	90	17	93	711	12/12/2018	21:15	35	46	46	35	33	0.0	0.9	4.9	113	20	78	710
12/12/2018	4:00	51	76	65	44	30	0.0	0.4	2.7	113	17	93	711	12/12/2018	21:30	34	46	45	35	32	0.0	0.9	3.1	90	20	80	710
12/12/2018	4:15	40	57	50	43	31	0.0	0.4	0.9	90	17	93	711	12/12/2018	21:45	34	47	36	34	33	0.0	0.9	4.0	90	19	80	710
12/12/2018	4:30	49	69	62	48	31	0.0	0.4	1.8	90	17	94	711	12/12/2018	22:00	37	47	41	40	32	0.0	0.9	3.1	90	19	82	710
12/12/2018	4:45	48	70	60	47	30	0.0	0.4	2.7	90	17	94	711	12/12/2018	22:15	32	45	34	33	30	0.0	0.9	3.1	90	19	83	710
12/12/2018	5:00	51	72	65	50	29	0.0	0.9	2.2	90	17	94	711	12/12/2018	22:30	32	41	34	33	31	0.0	0.9	3.1	113	19	84	710
12/12/2018	5:15	46	68	57	44	29	0.0	0.9	2.7	90	17	94	711	12/12/2018	22:45	32	37	35	32	31	0.0	0.4	2.2	113	19	85	710
12/12/2018	5:30	48	68	61	48	28	0.0	0.4	3.1	90	17	94	711	12/12/2018	23:00	36	50	47	36	32	0.0	0.4	2.2	113	19	85	710
12/12/2018	5:45	49	69	60	52	31	0.0	0.9	2.7	90	17	94	711	12/12/2018	23:15	34	48	45	34	32	0.0	0.4	2.7	135	18	86	710
12/12/2018	6:00	41	56	53	44	28	0.0	0.9	3.1	90	17	94	711	12/12/2018	23:30	34	49	45	34	31	0.0	0.4	2.2	113	18	86	710
12/12/2018	6:15	42	61	56	43	28	0.0	1.3	3.6	90	17	94	711	12/12/2018	23:45	34	48	46	34	32	0.0	0.4	2.2	90	18	86	710
12/12/2018	6:30	46	64	60	44	29	0.0	1.3	3.1	68	17	94	711	13/12/2018	0:00	34	49	43	36	31	0.0	0.4	1.8	90	18	86	710
12/12/2018	6:45	43	61	55	46	30	0.0	1.3	2.7	90	17	94	711	13/12/2018	0:15	36	54	45	37	31	0.0	0.4	2.2	90	18	86	709
12/12/2018	7:00	44	63	55	46	30	0.0	1.3	3.6	68	17	94	712	13/12/2018	0:30	38	55	50	39	33	0.0	0.4	0.9	90	18	87	709
12/12/2018	7:15	45	67	57	47	31	0.0	0.9	3.6	90	17	94	712	13/12/2018	0:45	36	55	42	36	34	0.0	0.0	1.3	90	18	87	709
12/12/2018	7:30	42	58	51	46	31	0.0	1.3	2.7	90	18	90	712	13/12/2018	1:00	37	56	43	37	35	0.0	0.0	0.9	90	18	87	709
12/12/2018	7:45	38	55	50	40	29	0.0	1.3	4.9	90	19	83	712	13/12/2018	1:15	38	56	48	38	35	0.0	0.0	0.4	90	18	87	709
12/12/2018	8:00	42	61	52	44	32	0.0	1.3	4.0	90	20	76	712	13/12/2018	1:30	38	53	45	38	36	0.0	0.0	0.4	90	18	87	709
12/12/2018	8:15	42	56	53	45	34	0.0	1.3	6.3	90	21	72	712	13/12/2018	1:45	37	54	41	37	36	0.0	0.0	0.9	90	18	87	709
12/12/2018	8:30	44	63	56	46	33	0.0	1.3	4.0	90	21	72	712	13/12/2018	2:00	38	52	46	38	37	0.0	0.0	0.4	90	18	87	709
12/12/2018	8:45	45	59	55	47	33	0.0	1.3	4.0	90	22	68	712	13/12/2018	2:15	39	55	51	38	36	0.0	0.0	0.9	90	18	87	709
12/12/2018	9:00	46	63	56	47	34	0.0	1.3	4.5	90	22	67	712	13/12/2018	2:30	38	53	43	38	36	0.0	0.0	0.4	90	18	87	709
12/12/2018	9:15	43	61	50	46	33	0.0	1.3	4.5	113	22	85	712	13/12/2018	2:45	37	44	40	38	36	0.0	0.0	0.4	90	18	87	708
12/12/2018	9:30	43	63	55	45	33	0.0	1.3	3.6	135	23	61	712	13/12/2018	3:00	37	45	42	38	36	0.0	0.4	1.3	90	18	88	708
12/12/2018	9:45	45	65	59	45	34	0.0	1.3	5.8	113	23	61	712	13/12/2018	3:15	36	45	39	37	35	0.0	0.4	1.3	90	18	89	708
12/12/2018	10:00	42	64	51	43	34	0.0	1.3	4.9	90	24	58	712	13/12/2018	3:30	36	47	39	36	35	0.0	0.4	1.3	90	17	89	708
12/12/2018	10:15	45	64	56	47	34	0.0	1.8	4.0	113	24	55	712	13/12/2018	3:45	35	41	40	36	34	0.0	0.4	1.3	90	17	90	708
12/12/2018	10:30	41	54	52	44	34	0.0	1.3	4.0	135	24	55	712	13/12/2018	4:00	35	46	41	38	32	0.0	0.4	1.8	90	17	90	708
12/12/2018	10:45	42	51	48	45	35	0.0	0.9	4.5	113	25	55	711	13/12/2018	4:15	45	61	55	49	32	0.0	0.4	3.1	90	17	91	708
12/12/2018	11:00	40	59	48	44	32	0.0	1.3	5.4	90	25	53	711	13/12/2018	4:30	42	56	51	46	32	0.0	0.9	2.2	90	17	91	708
12/12/2018	11:15	44	60	51	46	34	0.0	1.3	3.6	113	26	52	711	13/12/2018	4:45	42	61	54	45	31	0.0	0.4	1.3	90	17	92	708
12/12/2018	11:30	43	58	55	45	34	0.0	1.8	3.6	113	26	51	711	13/12/2018	5:00	45	68	55	44	31	0.0	0.0	1.3	90	17	92	708
12/12/2018	11:45	42	57	52	45	32	0.0	1.3	4.0	90	26	50	711	13/12/2018	5:15	42	61	54	43	33	0.0	0.0	0.4	90	17	92	709
12/12/2018	12:00	43	60	52	46	33	0.0	1.8	4.9	90	27	49	711	13/12/2018	5:30	47	65	60	47	33	0.0	0.0	0.4	90	17	92	709
12/12/2018	12:15	41	52	48	46	32	0.0	1.3	3.6	113	27	48	710	13/12/2018	5:45	48	62	58	48	33	0.0	0.0	0.9	90	17	92	709
12/12/2018	12:30	45	71	48	43	33	0.0	1.8	5.4	113	28	46	710	13/12/2018	6:00	45	64	58	45	31	0.0	0.0	0.9	90	18	91	709
12/12/2018	12:45	51	66	64	51	35	0.0	1.3	4.0	113	28	45	710	13/12/2018	6:15	45	63	57	46	31	0.0	0.0	0.4	90	18	90	709
12/12/2018	13:00	43	61	50	47	32	0.0	1.3	4.0	90	28	46	710	13/12/2018	6:30	43	67	55	43	31	0.0	0.0	0.4	90	18	89	709
12/12/2018	13:15	42	54	49	46	34	0.0	1.3	6.3	113	28	45	710	13/12/2018	6:45	43	66	55	43	30	0.0	0.0	1.3	90	18	86	709
12/12/2018	13:30	43	65	52	46	33	0.0	1.3	4.9	90	28	45	710	13/12/2018	7:00	46	69	56	45	32	0.0	0.4	1.8	90	19	81	709
12/12/2018	13:45	47	66	60	47	34	0.0	1.3	5.4	135	29	44	709	13/12/2018	7:15	46	62	60	45	33	0.0	0.9	3.6	338	20	77	709
12/12/2018	14:00	45	60	53	46	39	0.0	1.3	5.8	113	29	44	709	13/12/2018	7:30	45	63	57	47	32	0.0	0.4	1.8	315	20	75	709
12/12/2018	14:15	40	59	49	41	33	0.0	1.3	5.4	113	29	43	709	13/12/2018	7:45	42	66	52	41	32	0.0	0.4	2.2	0	21	72	709
12/12/2018	14:30	47	69	59	48	35	0.0	1.6	5.4	135	29	43	709	13/12/2018	8:00	44	70	53	41	34	0.0	0.4	2.2	338	21	70	709
12/12/2018	14:45	49	70	63	46	34	0.0	1.3	5.4	113	29	42	709	13/12/2018	8:15	49	77	54	42	30	0.0	0.4	2.7	0	22	67	709
12/12/2018	15:00	42	55	50	46	35	0.0	1.8	4.9	113	29	43	709	13/12/2018	8:30	43	59	55	44	33	0.0	0.4	2.7	0	22	68	709
12/12/2018	15:15	40	56	51	42	32	0.0	1.8	5.8	113	29	43	709	13/12/2018	8:45	43	57	54	46	32	0.0	0.4	2.7	0	22	65	709
12/12/2018	15:30	40	55	50	43	33	0.0	1.3	5.4	90	29	42	709	13/12/2018	9:00	40	57	51	43	33	0.0	0.9	2.7	0	23	63	709
12/12/2018	15:45	39	58	47	42	34	0.0	1.3	3.6	90	29	43	709	13/12/2018	9:15	40	56	51	42	31	0.0	0.4	2.7	90	23	61	709
12/12/2018	16:00	51	80	56	47	32	0.0	1.3	4.5	90	29	43	708	13/12/201													

Logged Noise and Weather Data														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)	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)
13/12/2018	14:15	41	56	50	44	32	0.0	0.9	2.7	0	32	36	705	14/12/2018	7:45	47	67	60	46	33	0.0	1.3	2.7	270	19	91	706
13/12/2018	14:30	51	74	59	45	34	0.0	0.4	2.7	0	32	37	705	14/12/2018	8:00	45	66	57	46	34	0.0	1.3	3.6	270	19	90	705
13/12/2018	14:45	45	64	57	48	35	0.0	0.9	3.1	338	32	34	704	14/12/2018	8:15	40	56	53	40	33	0.0	1.8	4.9	293	19	90	706
13/12/2018	15:00	47	62	58	51	36	0.0	0.9	3.1	135	33	34	704	14/12/2018	8:30	45	64	57	45	34	0.0	1.3	4.9	270	20	89	706
13/12/2018	15:15	48	61	59	52	37	0.0	0.9	3.6	0	33	32	704	14/12/2018	8:45	47	60	54	52	34	0.2	0.4	2.2	90	20	85	706
13/12/2018	15:30	44	59	55	47	36	0.0	0.9	4.5	23	33	34	704	14/12/2018	9:00	48	73	54	52	37	0.6	0.9	1.8	90	19	87	705
13/12/2018	15:45	41	57	51	44	34	0.0	0.9	2.2	23	32	35	704	14/12/2018	9:15	47	71	54	44	36	0.2	0.9	1.8	90	19	90	705
13/12/2018	16:00	46	70	54	45	35	0.0	0.9	2.7	0	32	36	704	14/12/2018	9:30	40	54	49	41	35	0.0	0.4	1.8	225	20	89	706
13/12/2018	16:15	42	63	52	44	34	0.0	0.9	3.1	0	31	38	704	14/12/2018	9:45	41	61	52	42	33	0.0	0.4	1.8	113	20	87	706
13/12/2018	16:30	46	68	58	48	36	0.0	0.9	2.7	68	30	41	704	14/12/2018	10:00	47	72	56	46	33	0.0	0.4	1.8	315	21	83	706
13/12/2018	16:45	49	66	63	49	37	0.0	0.4	2.7	135	29	41	704	14/12/2018	10:15	44	67	55	44	32	0.0	0.0	1.8	315	23	81	706
13/12/2018	17:00	46	68	61	49	36	0.0	0.9	2.7	23	28	43	704	14/12/2018	10:30	43	62	54	45	34	0.0	0.4	2.2	135	24	74	705
13/12/2018	17:15	43	61	54	44	35	0.0	0.4	2.2	23	28	45	705	14/12/2018	10:45	48	70	58	48	32	0.0	0.4	1.8	113	24	73	705
13/12/2018	17:30	40	52	47	42	35	0.0	0.4	2.7	23	27	46	705	14/12/2018	11:00	40	62	50	42	31	0.0	0.4	2.2	23	25	69	705
13/12/2018	17:45	40	59	51	41	35	0.0	0.4	2.2	23	27	47	705	14/12/2018	11:15	38	55	49	41	31	0.0	0.4	2.2	23	26	66	705
13/12/2018	18:00	52	79	57	39	35	0.0	0.4	2.7	45	26	48	705	14/12/2018	11:30	38	58	49	39	30	0.0	0.9	2.7	23	27	64	705
13/12/2018	18:15	45	66	59	42	33	0.0	0.4	2.7	0	26	49	706	14/12/2018	11:45	37	55	47	38	30	0.0	1.3	3.6	23	28	61	705
13/12/2018	18:30	45	70	55	45	36	0.0	0.4	2.2	338	26	51	706	14/12/2018	12:00	38	57	51	39	28	0.0	0.9	3.1	0	29	60	705
13/12/2018	18:45	41	53	49	45	36	0.0	0.4	2.7	0	26	53	706	14/12/2018	12:15	38	53	48	41	27	0.0	0.9	3.1	23	30	59	705
13/12/2018	19:00	61	74	73	64	50	0.0	0.4	1.8	23	25	54	706	14/12/2018	12:30	45	73	52	42	32	0.0	0.4	3.1	23	29	57	705
13/12/2018	19:15	48	56	51	50	44	0.0	0.4	3.1	90	25	56	706	14/12/2018	12:45	37	54	44	38	31	0.0	0.4	2.2	338	30	57	704
13/12/2018	19:30	54	76	67	50	41	0.0	0.4	2.2	90	25	57	706	14/12/2018	13:00	36	57	45	38	30	0.0	0.4	3.1	135	29	60	704
13/12/2018	19:45	44	59	53	50	35	0.0	0.4	1.3	23	25	58	706	14/12/2018	13:15	40	58	51	42	31	0.0	0.4	3.1	135	28	60	704
13/12/2018	20:00	39	49	43	42	35	0.0	0.4	1.8	23	25	58	706	14/12/2018	13:30	42	58	54	44	30	0.0	0.4	2.2	0	28	60	704
13/12/2018	20:15	40	59	43	42	36	0.0	0.0	1.8	0	24	57	706	14/12/2018	13:45	45	66	57	42	31	0.0	0.4	3.6	113	28	60	704
13/12/2018	20:30	36	41	40	38	34	0.0	0.4	2.2	23	24	57	706	14/12/2018	14:00	36	56	46	36	31	0.0	0.4	2.2	113	29	58	704
13/12/2018	20:45	35	50	41	37	31	0.0	1.3	4.9	225	24	70	707	14/12/2018	14:15	37	61	46	35	31	0.0	0.4	2.7	113	29	58	704
13/12/2018	21:00	34	51	43	35	31	0.0	0.9	3.1	225	23	75	707	14/12/2018	14:30	39	62	52	38	31	0.0	0.9	3.1	113	29	52	704
13/12/2018	21:15	35	45	40	37	32	0.0	0.9	2.2	248	22	78	706	14/12/2018	14:45	38	53	46	39	33	0.0	0.9	3.1	113	31	48	703
13/12/2018	21:30	35	57	40	35	31	0.0	0.4	1.3	248	22	78	706	14/12/2018	15:00	43	72	52	38	31	0.0	0.4	2.2	45	31	48	703
13/12/2018	21:45	33	43	37	34	32	0.0	0.4	1.8	225	22	78	705	14/12/2018	15:15	52	68	68	46	30	0.0	0.4	2.7	113	31	52	703
13/12/2018	22:00	34	47	46	34	32	0.0	0.4	3.1	90	21	78	705	14/12/2018	15:30	39	60	49	40	32	0.0	0.4	2.2	135	29	57	703
13/12/2018	22:15	39	49	47	44	31	0.0	0.9	2.7	113	21	79	705	14/12/2018	15:45	42	60	55	43	34	0.0	0.9	2.2	113	28	61	703
13/12/2018	22:30	40	50	42	41	35	0.0	0.4	2.2	135	21	81	706	14/12/2018	16:00	42	63	53	45	33	0.0	0.4	2.7	90	27	64	703
13/12/2018	22:45	43	45	44	44	42	0.0	0.0	0.9	113	21	82	706	14/12/2018	16:15	41	54	52	44	33	0.0	0.4	1.8	113	26	68	703
13/12/2018	23:00	44	50	48	44	43	0.0	0.0	0.9	68	21	82	706	14/12/2018	16:30	44	62	56	48	32	0.0	0.4	2.7	113	26	70	704
13/12/2018	23:15	44	51	46	45	43	0.0	0.0	0.9	68	21	82	706	14/12/2018	16:45	46	64	58	47	33	0.0	1.3	3.6	90	25	73	704
13/12/2018	23:30	43	49	44	44	42	0.0	0.0	0.9	68	21	83	706	14/12/2018	17:00	46	62	58	47	32	0.0	0.4	2.7	90	24	77	705
13/12/2018	23:45	44	50	46	46	43	0.0	0.0	0.9	68	21	84	706	14/12/2018	17:15	44	63	55	45	34	0.0	0.4	2.2	90	23	77	704
14/12/2018	0:00	45	55	47	46	44	0.0	0.0	0.9	68	21	84	706	14/12/2018	17:30	49	64	57	53	40	0.0	0.9	3.1	90	22	79	704
14/12/2018	0:15	47	50	49	48	46	0.0	0.0	0.4	68	21	84	706	14/12/2018	17:45	61	82	72	62	51	0.0	0.4	3.1	68	21	82	706
14/12/2018	0:30	47	48	48	47	46	0.0	0.0	0.9	68	21	84	706	14/12/2018	18:00	62	77	72	63	54	2.8	0.4	1.8	225	21	85	705
14/12/2018	0:45	46	48	47	47	46	0.0	0.0	0.9	68	21	85	705	14/12/2018	18:15	51	70	61	53	42	3.0	0.0	0.9	0	21	87	706
14/12/2018	1:00	48	58	51	49	46	0.2	0.9	2.7	68	20	86	705	14/12/2018	18:30	53	59	57	55	49	0.0	0.4	2.2	23	20	89	706
14/12/2018	1:15	46	53	47	47	45	0.0	0.9	4.9	68	20	89	705	14/12/2018	18:45	55	59	57	56	53	0.2	0.4	1.8	90	20	91	706
14/12/2018	1:30	47	56	52	48	46	0.2	0.4	1.8	113	20	89	705	14/12/2018	19:00	54	57	55	55	53	0.0	0.9	3.1	113	20	92	706
14/12/2018	1:45	47	55	49	47	46	0.0	0.0	0.9	113	20	89	705	14/12/2018	19:15	52	58	54	53	51	0.2	0.4	3.6	135	20	93	706
14/12/2018	2:00	46	56	52	47	43	0.0	0.4	1.8	90	20	88	705	14/12/2018	19:30	52	69	53	52	51	0.0	0.9	3.6	135	20	92	706
14/12/2018	2:15	45	58	49	46	44	0.0	0.0	2.2	225	20	87	705	14/12/2018	19:45	52	60	55	52	51	0.0	0.9	5.4	113	20	92	706
14/12/2018	2:30	45	47	46	45	43	0.0	0.0	1.3	248	20	87	705	14/12/2018	20:00	51	56	53	52	50	0.0	0.9	2.7	90	20	91	706
14/12/2018	2:45	43	53	46	45	42	0.0	0.0	0.4	248	20	87	705	14/12/2018	20:15	51	54	52	52	50	0.0	0.9	3.6	113	20	92	707
14/12/2018	3:00	44	49	46	45	43	0.0																				

Logged Noise and Weather Data														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)	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)
15/12/2018	1:15	47	55	49	48	46	0.0	0.4	1.3	90	18	94	706	15/12/2018	18:45	53	59	58	56	42	0.0	0.9	3.1	90	25	75	707
15/12/2018	1:30	47	52	50	48	46	0.0	0.4	1.3	90	19	94	706	15/12/2018	19:00	54	60	56	55	52	0.0	0.9	2.2	68	24	76	708
15/12/2018	1:45	48	56	52	48	46	0.0	0.4	2.2	90	19	95	706	15/12/2018	19:15	47	55	51	50	43	0.0	0.9	3.1	90	24	75	708
15/12/2018	2:00	47	56	53	48	45	0.0	0.4	0.9	113	19	95	706	15/12/2018	19:30	44	47	47	45	43	0.0	1.3	3.6	68	24	74	708
15/12/2018	2:15	47	56	51	48	46	0.0	0.4	1.8	113	19	95	705	15/12/2018	19:45	43	48	45	44	42	0.0	1.3	3.1	68	24	75	708
15/12/2018	2:30	46	54	50	47	45	0.0	0.4	0.9	113	19	95	705	15/12/2018	20:00	42	48	44	43	41	0.0	0.4	2.7	90	23	77	708
15/12/2018	2:45	45	54	49	48	44	0.0	0.4	2.2	113	19	95	705	15/12/2018	20:15	48	58	52	49	43	0.0	0.4	3.6	135	23	79	709
15/12/2018	3:00	45	47	47	46	44	0.0	0.4	1.8	113	19	95	706	15/12/2018	20:30	49	62	54	52	45	0.2	0.4	2.2	113	23	82	709
15/12/2018	3:15	43	46	46	45	42	0.0	0.4	1.8	113	19	95	706	15/12/2018	20:45	47	55	51	50	41	0.4	0.0	2.2	135	23	86	709
15/12/2018	3:30	44	57	51	45	42	0.0	0.4	2.2	113	19	95	706	15/12/2018	21:00	41	46	45	42	39	0.4	0.0	2.2	135	22	88	709
15/12/2018	3:45	44	48	48	44	43	0.0	0.9	2.2	68	19	95	706	15/12/2018	21:15	42	47	46	46	40	0.0	0.4	1.8	135	21	90	709
15/12/2018	4:00	45	58	56	45	42	0.0	0.4	1.8	90	18	95	706	15/12/2018	21:30	44	48	48	46	42	0.0	0.0	1.8	135	21	91	709
15/12/2018	4:15	44	61	51	45	42	0.0	0.4	2.2	90	18	95	706	15/12/2018	21:45	45	48	48	47	42	0.2	1.3	4.5	113	21	91	709
15/12/2018	4:30	45	56	52	48	43	0.0	0.4	2.2	90	18	95	706	15/12/2018	22:00	43	48	47	45	42	0.0	1.3	4.0	113	21	92	709
15/12/2018	4:45	49	64	61	51	42	0.0	0.4	2.7	90	18	95	707	15/12/2018	22:15	45	49	49	48	42	0.0	0.9	3.6	135	21	93	709
15/12/2018	5:00	49	68	61	49	42	0.0	0.4	2.2	113	18	95	707	15/12/2018	22:30	45	49	48	47	42	0.0	1.3	4.9	113	21	93	709
15/12/2018	5:15	51	72	62	48	42	0.0	0.9	3.6	90	18	95	707	15/12/2018	22:45	44	49	49	47	42	0.0	1.3	4.0	113	21	93	709
15/12/2018	5:30	52	79	58	48	42	0.0	0.9	2.2	90	18	95	707	15/12/2018	23:00	46	54	49	49	41	0.0	0.9	4.9	113	21	93	709
15/12/2018	5:45	49	70	59	47	42	0.0	0.9	2.7	90	18	95	708	15/12/2018	23:15	45	50	48	47	41	0.0	0.4	2.2	90	21	94	709
15/12/2018	6:00	46	65	55	47	41	0.0	0.9	2.2	68	18	95	708	15/12/2018	23:30	45	60	53	47	42	0.0	0.4	2.2	135	21	94	709
15/12/2018	6:15	47	66	57	49	41	0.0	0.9	2.7	90	18	95	708	15/12/2018	23:45	44	55	47	46	40	0.0	0.9	4.0	158	21	94	709
15/12/2018	6:30	52	68	64	53	41	0.0	0.9	2.2	90	18	95	708	16/12/2018	0:00	42	51	45	44	40	0.0	0.9	4.0	90	21	94	708
15/12/2018	6:45	51	68	63	55	40	0.0	0.9	4.0	90	18	95	708	16/12/2018	0:15	41	51	47	44	39	0.0	0.9	5.8	90	21	94	708
15/12/2018	7:00	49	70	59	53	41	0.0	0.9	3.1	90	18	95	708	16/12/2018	0:30	42	52	47	45	39	0.0	1.3	4.9	90	21	94	708
15/12/2018	7:15	48	72	60	48	40	0.0	0.4	1.8	68	19	95	708	16/12/2018	0:45	43	54	47	46	41	0.0	1.3	4.9	68	21	94	708
15/12/2018	7:30	44	82	53	45	40	0.0	0.4	1.8	90	19	95	708	16/12/2018	1:00	44	59	51	46	41	0.0	0.4	2.2	90	21	94	708
15/12/2018	7:45	43	60	51	44	40	0.0	0.4	3.1	113	19	95	708	16/12/2018	1:15	43	57	49	46	40	0.0	0.4	2.7	113	21	94	708
15/12/2018	8:00	44	63	56	44	39	0.0	0.9	1.8	90	20	95	708	16/12/2018	1:30	43	57	49	45	39	0.0	0.4	2.2	113	21	94	708
15/12/2018	8:15	44	63	55	44	38	0.0	0.9	2.7	90	20	95	709	16/12/2018	1:45	42	59	52	44	36	0.0	0.4	4.0	135	21	95	708
15/12/2018	8:30	47	67	61	48	37	0.0	0.4	3.1	90	20	95	708	16/12/2018	2:00	42	54	48	43	39	0.0	0.4	3.6	113	21	95	708
15/12/2018	8:45	45	64	58	48	35	0.0	0.9	2.7	90	21	95	708	16/12/2018	2:15	43	58	49	45	40	0.0	0.4	2.7	68	21	95	708
15/12/2018	9:00	42	63	54	43	34	0.0	0.9	3.1	90	21	94	708	16/12/2018	2:30	42	57	48	45	40	0.0	0.4	2.2	90	21	95	708
15/12/2018	9:15	46	70	57	45	35	0.0	0.9	2.7	90	22	91	708	16/12/2018	2:45	42	48	47	45	40	0.0	0.4	2.7	135	21	94	708
15/12/2018	9:30	42	61	53	44	36	0.0	0.9	2.2	90	22	89	708	16/12/2018	3:00	43	48	47	44	41	0.0	0.9	4.9	113	20	95	708
15/12/2018	9:45	44	62	55	46	35	0.0	0.4	2.2	68	23	87	708	16/12/2018	3:15	43	47	47	45	41	0.2	0.4	4.9	90	20	95	708
15/12/2018	10:00	50	68	63	50	35	0.0	0.9	3.1	68	24	84	709	16/12/2018	3:30	43	51	48	46	41	0.0	0.0	1.8	113	20	95	708
15/12/2018	10:15	50	68	64	49	34	0.0	0.9	2.2	90	24	79	708	16/12/2018	3:45	43	50	47	46	41	0.0	0.4	3.1	113	20	95	708
15/12/2018	10:30	41	63	50	43	34	0.0	0.9	2.7	90	25	74	708	16/12/2018	4:00	44	52	49	46	42	0.0	0.4	2.2	113	20	95	708
15/12/2018	10:45	44	66	55	44	35	0.0	0.9	3.6	90	26	74	708	16/12/2018	4:15	44	53	51	46	41	0.0	0.4	3.1	113	20	95	708
15/12/2018	11:00	46	72	56	46	33	0.0	0.4	3.1	113	26	70	708	16/12/2018	4:30	45	57	51	47	42	0.0	0.9	3.6	113	20	95	708
15/12/2018	11:15	48	70	60	43	34	0.0	0.4	2.7	113	26	69	708	16/12/2018	4:45	45	57	53	45	43	0.0	0.4	3.1	113	20	95	708
15/12/2018	11:30	46	64	57	48	32	0.0	0.9	2.2	90	26	69	708	16/12/2018	5:00	45	59	52	47	43	0.0	0.4	2.7	113	20	95	708
15/12/2018	11:45	44	69	52	44	34	0.0	0.9	2.7	90	26	69	708	16/12/2018	5:15	46	62	54	48	43	0.0	0.4	2.2	113	20	95	709
15/12/2018	12:00	46	64	60	45	33	0.0	0.9	2.7	68	27	67	708	16/12/2018	5:30	45	59	54	46	42	0.0	0.4	3.1	113	20	95	709
15/12/2018	12:15	38	55	48	38	34	0.0	0.9	3.1	90	27	66	708	16/12/2018	5:45	47	60	58	50	42	0.0	0.4	3.1	113	20	95	709
15/12/2018	12:30	41	59	54	42	33	0.0	0.9	3.6	90	28	65	707	16/12/2018	6:00	46	60	55	47	42	0.0	0.4	3.1	113	20	95	709
15/12/2018	12:45	43	62	55	45	34	0.0	0.9	3.1	90	28	62	707	16/12/2018	6:15	50	74	56	46	42	0.2	0.9	3.6	113	20	95	709
15/12/2018	13:00	42	56	52	45	35	0.0	1.3	3.1	88	28	63	707	16/12/2018	6:30	44	54	50	45	42	0.0	0.0	1.8	90	21	95	709
15/12/2018	13:15	46	75	49	40	32	0.0	1.3	3.6	68	28	63	707	16/12/2018	6:45	47	66	58	47	42	0.0	0.0	2.2	113	21	95	709
15/12/2018	13:30	39	54	49	42	35	0.0	0.9	3.1	113	29	61	707	16/12/2018	7:00	44	58	50	45	41	0.0	0.4	2.7	135	21	95	709
15/12/2018	13:45	43	63	55	44	33	0.0	1.3	4.0	68	29	61	707	16/12/2018	7:15	47	70	54	45	41	0.0	0.4	2.7	113	21	95	709
15/12/2018	14:00	39	57	47	41	34	0.0	1.3	4.0																		

Logged Noise and Weather Data														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)	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)
16/12/2018	12:15	43	58	50	47	39	0.0	0.4	2.7	88	21	95	709	17/12/2018	5:45	49	67	59	50	45	0.0	0.9	3.1	113	18	96	709
16/12/2018	12:30	47	65	60	46	38	0.2	0.4	3.1	135	21	95	708	17/12/2018	6:00	50	70	60	51	45	0.0	0.9	3.6	90	18	96	709
16/12/2018	12:45	46	65	57	47	40	0.0	0.9	4.5	113	21	95	708	17/12/2018	6:15	50	70	58	51	45	0.0	0.4	2.2	113	18	96	709
16/12/2018	13:00	47	63	58	48	39	0.0	1.8	7.2	90	21	95	708	17/12/2018	6:30	49	65	60	49	44	0.0	0.4	2.2	90	19	96	709
16/12/2018	13:15	48	68	60	49	37	0.0	1.3	5.4	113	21	95	708	17/12/2018	6:45	52	66	63	55	43	0.0	0.4	3.6	113	19	96	709
16/12/2018	13:30	48	69	58	47	30	0.0	1.3	4.0	113	21	95	708	17/12/2018	7:00	54	73	68	53	43	0.0	0.4	1.8	135	18	96	709
16/12/2018	13:45	42	63	51	48	32	0.6	1.8	5.4	113	21	95	708	17/12/2018	7:15	48	71	58	49	43	0.0	0.4	2.2	135	19	96	709
16/12/2018	14:00	49	72	61	43	36	0.0	1.3	4.9	113	21	95	707	17/12/2018	7:30	47	65	58	47	40	0.2	0.9	3.1	135	19	96	710
16/12/2018	14:15	48	70	60	43	35	0.0	1.3	4.0	88	21	95	707	17/12/2018	7:45	51	71	62	51	41	0.0	0.9	3.6	135	19	96	710
16/12/2018	14:30	42	61	53	43	36	0.0	1.3	6.3	90	21	95	707	17/12/2018	8:00	49	64	63	48	41	0.0	0.9	3.6	135	19	96	710
16/12/2018	14:45	51	62	59	53	47	0.0	0.9	4.0	90	21	95	707	17/12/2018	8:15	54	71	65	57	41	0.0	0.9	4.0	113	19	96	710
16/12/2018	15:00	51	66	60	52	48	0.0	0.9	3.6	88	21	95	707	17/12/2018	8:30	46	64	59	45	39	0.0	0.4	3.6	113	19	96	710
16/12/2018	15:15	46	65	57	49	37	0.0	0.9	3.6	113	21	95	707	17/12/2018	8:45	44	67	50	45	37	0.0	0.9	3.1	113	19	96	710
16/12/2018	15:30	46	68	56	48	37	0.0	0.9	3.1	88	21	95	707	17/12/2018	9:00	47	71	59	43	37	0.0	0.9	3.1	113	19	96	710
16/12/2018	15:45	47	63	58	49	37	0.0	1.3	5.4	90	21	95	707	17/12/2018	9:15	42	57	51	44	37	0.0	0.4	3.6	135	19	96	710
16/12/2018	16:00	51	60	59	55	41	0.0	1.3	3.6	90	21	95	707	17/12/2018	9:30	47	66	56	49	38	0.0	0.9	3.1	135	20	96	710
16/12/2018	16:15	57	67	66	62	41	0.2	1.3	6.3	90	21	95	707	17/12/2018	9:45	47	69	55	48	39	0.2	0.4	2.2	113	20	96	710
16/12/2018	16:30	51	67	63	54	40	1.4	1.3	5.4	90	20	95	707	17/12/2018	10:00	42	59	48	46	36	0.0	0.4	2.7	113	20	96	710
16/12/2018	16:45	49	65	61	50	41	0.0	0.9	5.8	90	20	95	707	17/12/2018	10:15	48	71	59	46	35	0.0	0.4	2.2	135	20	96	710
16/12/2018	17:00	50	67	63	49	41	0.0	1.3	4.0	113	21	95	707	17/12/2018	10:30	47	72	56	45	34	0.0	0.4	2.7	135	20	96	709
16/12/2018	17:15	50	72	62	48	42	0.2	0.9	4.0	113	21	95	708	17/12/2018	10:45	44	66	57	43	35	0.0	0.4	2.7	113	20	96	709
16/12/2018	17:30	47	62	59	46	43	0.0	1.3	4.9	113	20	95	707	17/12/2018	11:00	43	62	54	44	37	0.0	0.4	2.2	113	20	96	709
16/12/2018	17:45	50	72	61	47	44	0.0	1.3	4.9	90	20	95	708	17/12/2018	11:15	45	68	55	45	37	0.0	0.4	3.1	113	20	96	709
16/12/2018	18:00	47	61	52	47	45	0.0	1.3	3.6	113	20	95	708	17/12/2018	11:30	47	71	54	43	33	0.0	0.4	2.7	135	20	96	709
16/12/2018	18:15	47	59	52	47	46	0.0	0.9	4.5	90	20	95	708	17/12/2018	11:45	44	69	56	47	32	0.0	0.4	3.1	135	21	96	709
16/12/2018	18:30	48	51	51	50	47	0.0	0.9	2.2	90	20	96	708	17/12/2018	12:00	49	69	61	48	34	0.0	0.4	2.7	135	21	95	709
16/12/2018	18:45	55	58	58	57	50	0.0	0.9	4.0	90	20	96	708	17/12/2018	12:15	43	65	54	45	35	0.0	0.4	2.7	135	21	93	709
16/12/2018	19:00	58	60	59	59	58	0.0	0.4	3.6	45	20	96	708	17/12/2018	12:30	42	63	51	43	36	0.0	0.4	1.8	113	21	92	709
16/12/2018	19:15	56	62	60	57	55	0.0	0.9	3.6	113	20	95	708	17/12/2018	12:45	50	72	59	52	35	0.0	0.9	4.9	113	22	87	709
16/12/2018	19:30	53	55	54	54	52	0.0	0.9	3.6	113	20	95	708	17/12/2018	13:00	49	72	59	50	34	0.0	0.9	3.6	90	23	85	709
16/12/2018	19:45	52	55	53	53	52	0.0	0.9	4.0	90	20	96	708	17/12/2018	13:15	51	70	63	51	33	0.0	1.3	4.9	113	23	84	709
16/12/2018	20:00	52	57	56	53	51	0.0	0.9	3.6	135	20	95	709	17/12/2018	13:30	45	65	58	46	38	0.0	0.9	3.1	113	24	81	708
16/12/2018	20:15	53	59	58	55	51	0.0	0.9	2.7	90	20	96	709	17/12/2018	13:45	41	55	51	43	37	0.0	0.9	3.1	90	24	81	708
16/12/2018	20:30	53	58	57	56	51	0.8	0.9	4.9	135	20	95	709	17/12/2018	14:00	48	70	61	47	35	0.0	0.9	2.7	90	24	78	708
16/12/2018	20:45	52	55	53	52	51	2.6	1.3	4.9	113	20	95	709	17/12/2018	14:15	41	61	51	41	34	0.0	0.4	2.7	113	24	78	708
16/12/2018	21:00	54	60	59	58	50	0.4	0.4	2.2	113	20	96	709	17/12/2018	14:30	44	60	56	46	35	0.0	0.9	3.6	113	25	77	708
16/12/2018	21:15	50	56	53	51	49	0.2	0.9	3.6	135	20	96	709	17/12/2018	14:45	42	58	50	44	37	0.0	0.4	2.7	113	24	79	708
16/12/2018	21:30	51	60	54	52	50	0.2	0.9	2.7	135	20	96	709	17/12/2018	15:00	45	70	53	46	37	0.0	0.4	3.6	113	23	80	708
16/12/2018	21:45	52	57	55	54	51	2.2	0.4	1.8	88	20	96	709	17/12/2018	15:15	45	68	55	44	36	0.0	0.9	2.7	113	23	80	708
16/12/2018	22:00	51	53	53	52	50	1.2	0.4	3.1	113	20	96	709	17/12/2018	15:30	45	62	55	47	37	0.0	0.4	2.7	113	24	75	708
16/12/2018	22:15	56	62	60	59	51	0.0	0.4	3.6	158	19	96	709	17/12/2018	15:45	49	68	60	52	38	0.0	1.3	4.0	90	25	73	708
16/12/2018	22:30	55	60	59	58	52	0.2	0.4	3.1	135	20	96	709	17/12/2018	16:00	43	62	52	45	36	0.0	1.8	5.4	90	25	74	708
16/12/2018	22:45	54	62	56	55	53	0.4	0.9	3.6	135	20	96	709	17/12/2018	16:15	47	66	58	48	38	0.0	1.8	6.3	113	24	79	708
16/12/2018	23:00	54	63	56	55	53	0.0	0.4	3.1	158	20	96	709	17/12/2018	16:30	46	62	55	48	39	0.0	1.3	5.4	113	24	80	708
16/12/2018	23:15	56	68	67	56	52	0.4	0.0	0.9	158	19	96	709	17/12/2018	16:45	46	67	54	47	39	0.0	1.3	4.0	90	23	80	708
16/12/2018	23:30	52	58	54	53	52	0.4	0.4	1.8	113	19	96	709	17/12/2018	17:00	44	58	53	47	40	0.0	1.3	5.8	90	23	81	708
16/12/2018	23:45	54	59	55	55	52	0.4	0.4	2.2	90	19	96	709	17/12/2018	17:15	43	53	50	44	41	0.0	0.9	3.1	90	23	84	708
17/12/2018	0:00	56	63	58	57	53	0.4	0.4	3.1	90	19	96	708	17/12/2018	17:30	45	70	52	45	41	0.0	1.3	4.0	90	22	87	709
17/12/2018	0:15	51	54	53	52	51	0.6	0.4	2.2	90	19	95	708	17/12/2018	17:45	46	66	58	46	42	0.0	1.3	4.0	113	22	88	709
17/12/2018	0:30	54	57	56	55	51	0.2	0.4	1.8	90	19	96	708	17/12/2018	18:00	47	60	55	48	43	0.0	1.3	6.7	113	21	89	709
17/12/2018	0:45	53	56	54	54	51	0.6	0.4	2.7	113	19	96	708	17/12/2018	18:15	47	71	52	46	44	0.0	0.9	4.0	113	21	90	709
17/12/2018	1:00	51	54																								

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)
17/12/2018	23:15	46	53	49	47	43	0.2	1.8	5.8	90	19	95	710
17/12/2018	23:30	45	53	48	46	42	0.0	2.2	6.7	113	19	95	710
17/12/2018	23:45	43	48	46	45	40	0.0	1.8	6.7	90	19	95	709
18/12/2018	0:00	47	61	59	46	41	0.2	1.8	6.7	90	19	95	709
18/12/2018	0:15	46	49	48	47	44	0.0	1.8	6.3	113	19	95	709
18/12/2018	0:30	47	57	50	48	46	0.0	1.8	6.3	90	19	95	709
18/12/2018	0:45	47	50	49	47	46	0.0	1.8	5.8	68	19	95	709
18/12/2018	1:00	46	51	48	47	46	0.0	1.3	4.0	113	19	96	709
18/12/2018	1:15	47	50	48	47	46	0.2	0.9	3.6	90	19	96	709
18/12/2018	1:30	46	56	48	46	44	0.2	1.3	6.7	90	19	95	709
18/12/2018	1:45	47	55	50	48	45	0.0	1.8	7.6	90	19	95	709
18/12/2018	2:00	46	50	49	47	45	0.0	1.8	4.9	90	19	95	709
18/12/2018	2:15	45	54	48	46	44	0.0	1.8	5.8	90	18	95	708
18/12/2018	2:30	47	59	57	47	44	0.0	1.8	5.4	90	18	96	709
18/12/2018	2:45	46	50	48	47	44	0.0	1.3	4.9	90	18	96	709
18/12/2018	3:00	45	48	47	47	44	0.2	1.8	4.9	90	18	96	709
18/12/2018	3:15	46	58	49	47	44	0.0	1.8	4.9	90	18	95	708
18/12/2018	3:30	46	50	49	47	44	0.0	1.3	5.4	90	18	96	709
18/12/2018	3:45	48	60	60	47	44	0.0	1.8	4.9	113	18	95	709
18/12/2018	4:00	50	61	62	51	44	0.0	1.8	5.4	113	18	96	709
18/12/2018	4:15	47	60	55	48	45	0.2	1.8	4.9	90	18	96	709
18/12/2018	4:30	52	70	64	51	46	0.0	1.3	4.5	90	18	96	709
18/12/2018	4:45	52	70	65	53	46	0.0	1.3	4.0	90	18	96	709
18/12/2018	5:00	48	62	55	48	45	0.0	1.3	4.0	88	18	96	709
18/12/2018	5:15	57	81	87	50	45	0.0	1.3	3.1	68	18	96	709
18/12/2018	5:30	48	66	56	47	45	0.0	1.3	4.0	90	18	96	709
18/12/2018	5:45	48	68	57	49	44	0.0	1.8	4.9	113	18	96	710
18/12/2018	6:00	50	66	62	53	44	0.0	1.3	6.3	113	19	96	710
18/12/2018	6:15	53	73	65	55	43	0.2	1.3	4.9	90	19	96	710
18/12/2018	6:30	49	69	60	48	43	0.0	1.3	5.8	113	19	96	710
18/12/2018	6:45	51	73	60	48	43	0.0	1.3	3.6	68	19	96	710
18/12/2018	7:00	46	67	54	46	43	0.0	1.8	4.5	90	19	96	710
18/12/2018	7:15	49	69	61	48	43	0.0	1.8	8.9	90	19	96	710
18/12/2018	7:30	47	68	58	46	42	0.0	1.3	4.0	90	19	96	710
18/12/2018	7:45	47	71	56	49	41	0.0	1.3	4.9	90	19	96	711
18/12/2018	8:00	48	61	60	50	38	0.0	1.8	5.8	113	19	96	711
18/12/2018	8:15	45	65	56	46	39	0.2	0.9	4.0	90	19	96	711
18/12/2018	8:30	44	60	54	46	39	0.0	1.3	4.9	113	19	96	711
18/12/2018	8:45	52	71	65	56	38	0.0	1.3	5.8	90	19	96	711
18/12/2018	9:00	46	62	59	48	37	0.0	1.3	5.4	90	20	96	711
18/12/2018	9:15	45	68	56	45	36	0.0	1.3	4.0	113	20	96	711
18/12/2018	9:30	43	61	54	46	36	0.0	0.9	3.6	90	20	96	711
18/12/2018	9:45	42	59	52	46	36	0.0	0.9	2.7	90	20	96	711
18/12/2018	10:00	42	65	51	42	35	0.0	1.3	4.0	90	20	96	711
18/12/2018	10:15	46	70	55	42	34	0.0	1.3	5.4	90	20	96	711
18/12/2018	10:30	44	61	56	45	35	0.0	1.3	5.8	113	20	95	711
18/12/2018	10:45	45	66	55	47	34	0.0	0.9	4.0	113	21	93	711
18/12/2018	11:00	45	63	58	46	35	0.0	0.9	4.5	113	21	92	711
18/12/2018	11:15	48	65	61	48	36	0.0	0.9	3.1	90	21	88	711
18/12/2018	11:30	42	67	51	41	34	0.0	0.9	3.1	113	22	86	711
18/12/2018	11:45	48	69	60	46	34	0.0	0.9	3.1	113	22	84	711
18/12/2018	12:00	46	68	57	46	34	0.0	0.9	3.6	135	23	84	711
18/12/2018	12:15	40	60	52	41	33	0.0	0.9	5.8	113	23	80	710
18/12/2018	12:30	40	58	50	42	35	0.0	0.9	4.5	90	23	79	710
18/12/2018	12:45	47	75	55	47	34	0.0	1.3	4.0	113	24	78	710
18/12/2018	13:00	47	64	62	46	35	0.0	1.3	4.0	90	24	78	710
18/12/2018	13:15	48	68	60	50	34	0.0	1.3	4.0	90	24	76	710
18/12/2018	13:30	48	68	62	46	35	0.0	0.9	2.7	90	24	76	710
18/12/2018	13:45	40	62	51	40	35	0.0	1.3	4.9	113	25	73	710

Noise Monitoring Data Sheet

Inland Rail

SITE ID
G2H-9

From	Monday 10/12/2018 13:15	Meas. Type	Free Field	Package	Gowrie to Helidon
To	Tuesday 18/12/2018 12:30	Mic. Height (m)	1.8	Address	86 Rossiters Road
Instrument Type	01 dB DUO	Weather Station	No	Suburb	Lockyer
Instrument Serial #	12602	Operator	JR/BR	Land Use	Residential
Inst. Cal. Date	10/12/2018	Sample Int.	15 min	Latitude	27°31'9.54"S
Pre Calibration	94	RP Lot#	153/CH31327	Longitude	152° 5'2.42"E
Post Calibration	93.9				

Daytime

RBL **32.1 dB(A)**

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

ABLs Day (Sat 8 am - 1 pm)

Monday 10/12/2018	32	dB(A)
Tuesday 11/12/2018	33.8	dB(A)
Wednesday 12/12/2018	34.4	dB(A)
Thursday 13/12/2018	33.5	dB(A)
Friday 14/12/2018	31.2	dB(A)
Saturday 15/12/2018	31.6	dB(A)
Monday 17/12/2018	32.0	dB(A)
Tuesday 18/12/2018	32.2	dB(A)

Evening

RBL **29.4 dB(A)**

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

ABLs Evening (Sat 1 pm - 10 pm)

ABLs Evening (Sun 7 am - 10 pm)

Monday 10/12/2018	26.6	dB(A)
Tuesday 11/12/2018	26.1	dB(A)
Wednesday 12/12/2018	26.4	dB(A)
Thursday 13/12/2018	30.4	dB(A)
Friday 14/12/2018	35.0	dB(A)
Saturday 15/12/2018	34.4	dB(A)
Sunday 16/12/2018	28.5	dB(A)
Monday 17/12/2018	38.3	dB(A)

Night

RBL **27.1 dB(A)**

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

ABLs Night (Fri 6pm - 8am)

Monday 10/12/2018	22	dB(A)
Tuesday 11/12/2018	23.0	dB(A)
Wednesday 12/12/2018	24.4	dB(A)
Thursday 13/12/2018	27.3	dB(A)
Friday 14/12/2018	35.6	dB(A)
Saturday 15/12/2018	32.4	dB(A)
Sunday 16/12/2018	27.0	dB(A)
Monday 17/12/2018	33.3	dB(A)

Site Diagram - Diagram



Inland Rail

Project:60553814

Site Attended Measurements Summary

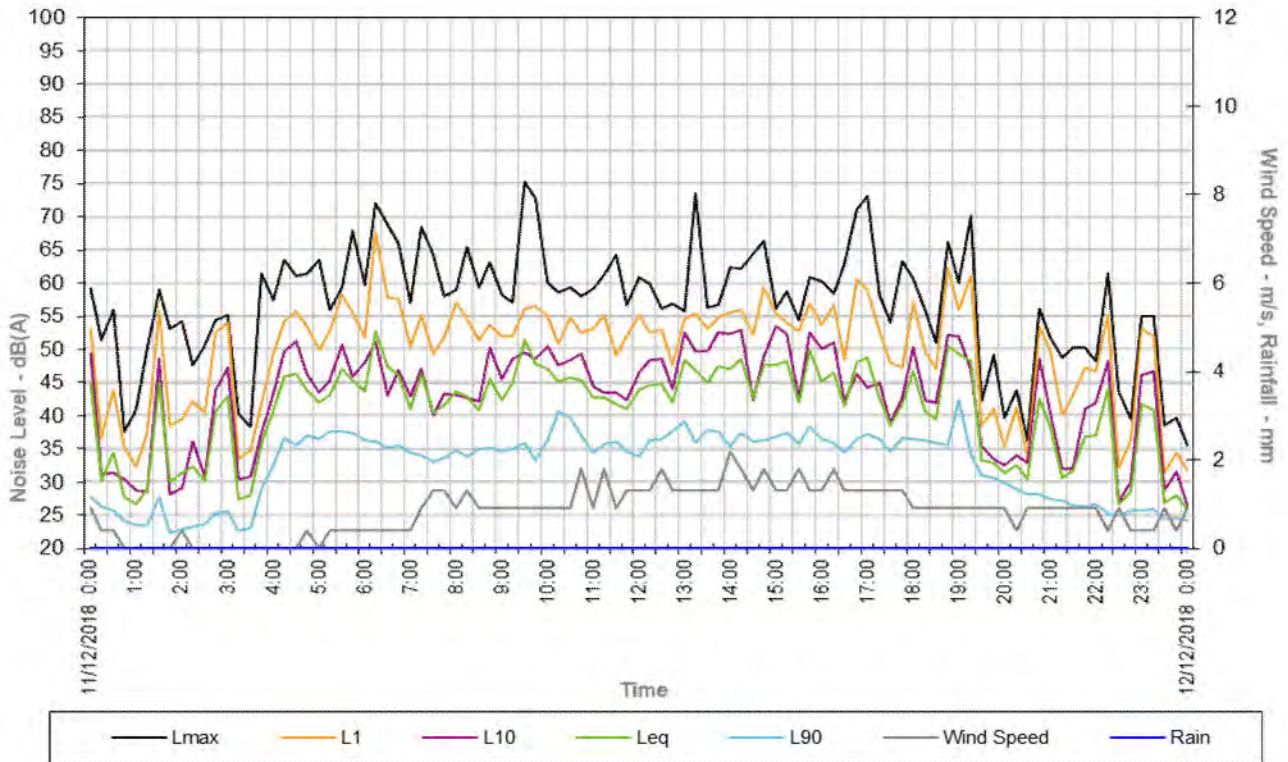
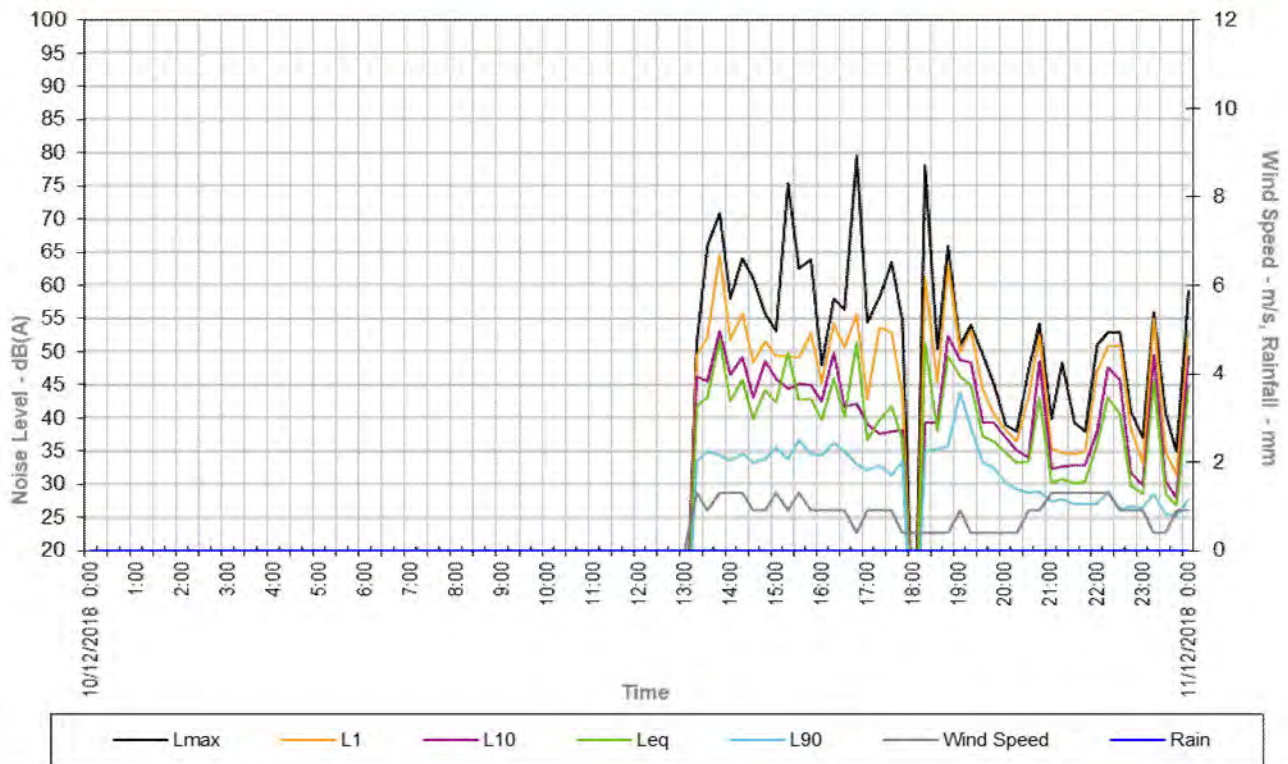
Site Attended Measurements Summary								Weather	
Date	Start	Measurement Type	Lmax	L1	L10	L90	Leq	Conditions Comply	End
10/12/2018	1:15 PM	Attended	60.6	48.4	43.4	32.0	39.8	Pass	1:30 PM
		Logged	51.2	49.5	46.3	33.5	41.8		
		Difference	9.4	-1.1	-2.9	-1.5	-2.0		
		Comments							
18/12/2018	12:30 PM	Attended	59.2	53.6	44.5	34.3	42.1	Pass	12:45 PM
		Logged	54.7	52.2	43.1	33.3	40.7		
		Difference	4.5	1.4	1.4	1.0	1.4		
		Comments							

Photos



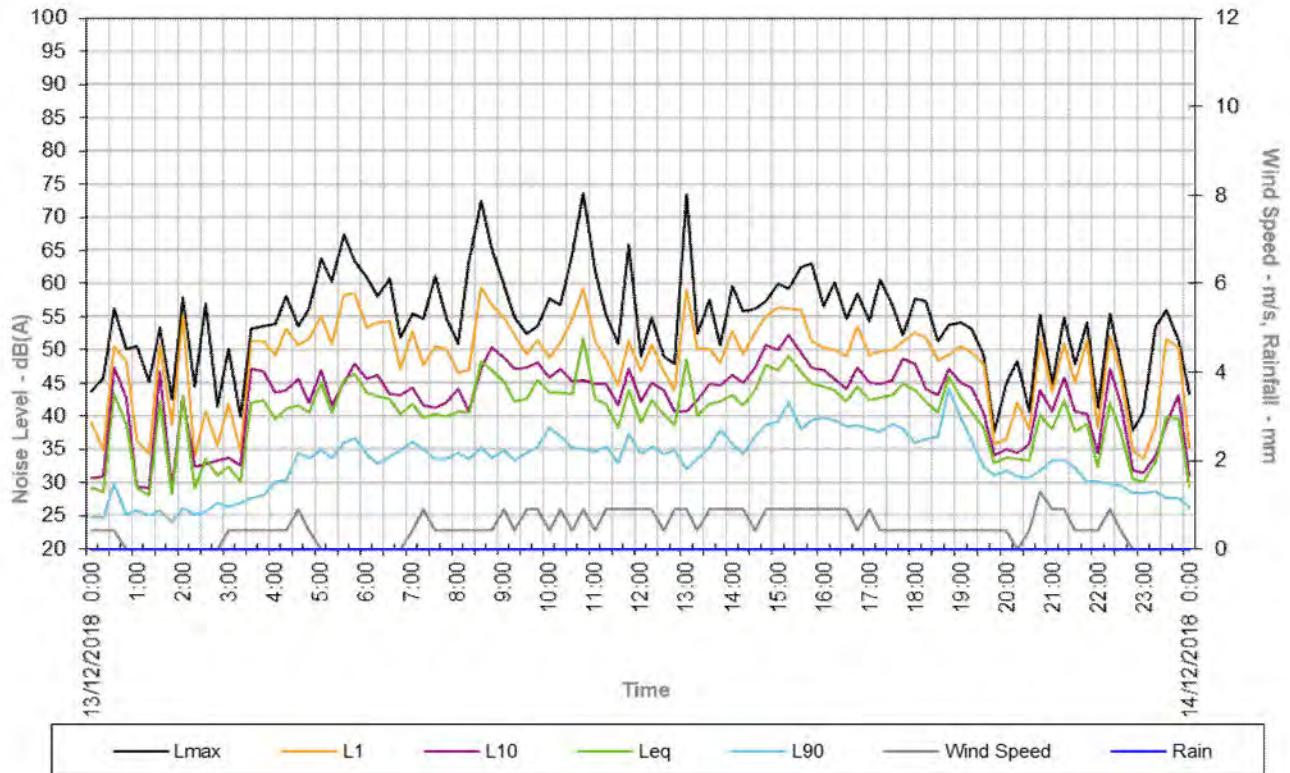
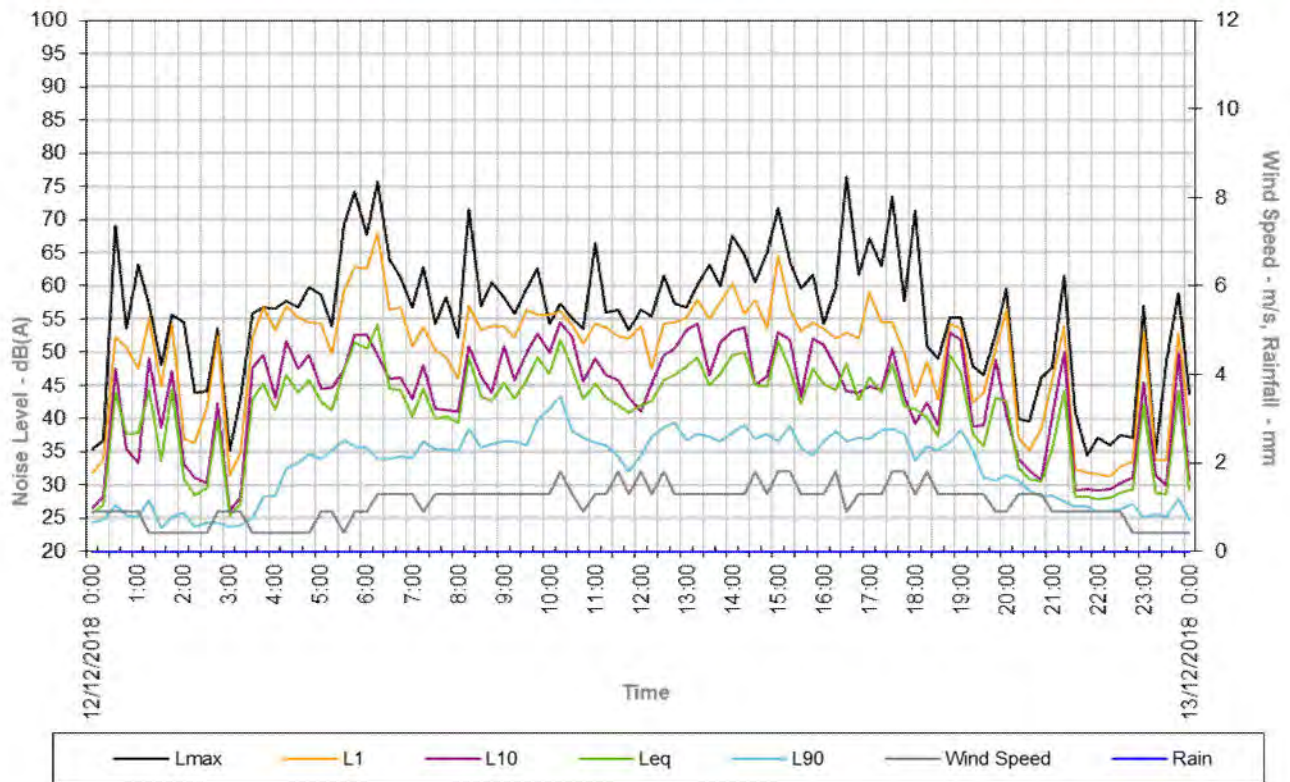
Site Noise and Weather Graphical Analysis

86 Rossiters Road



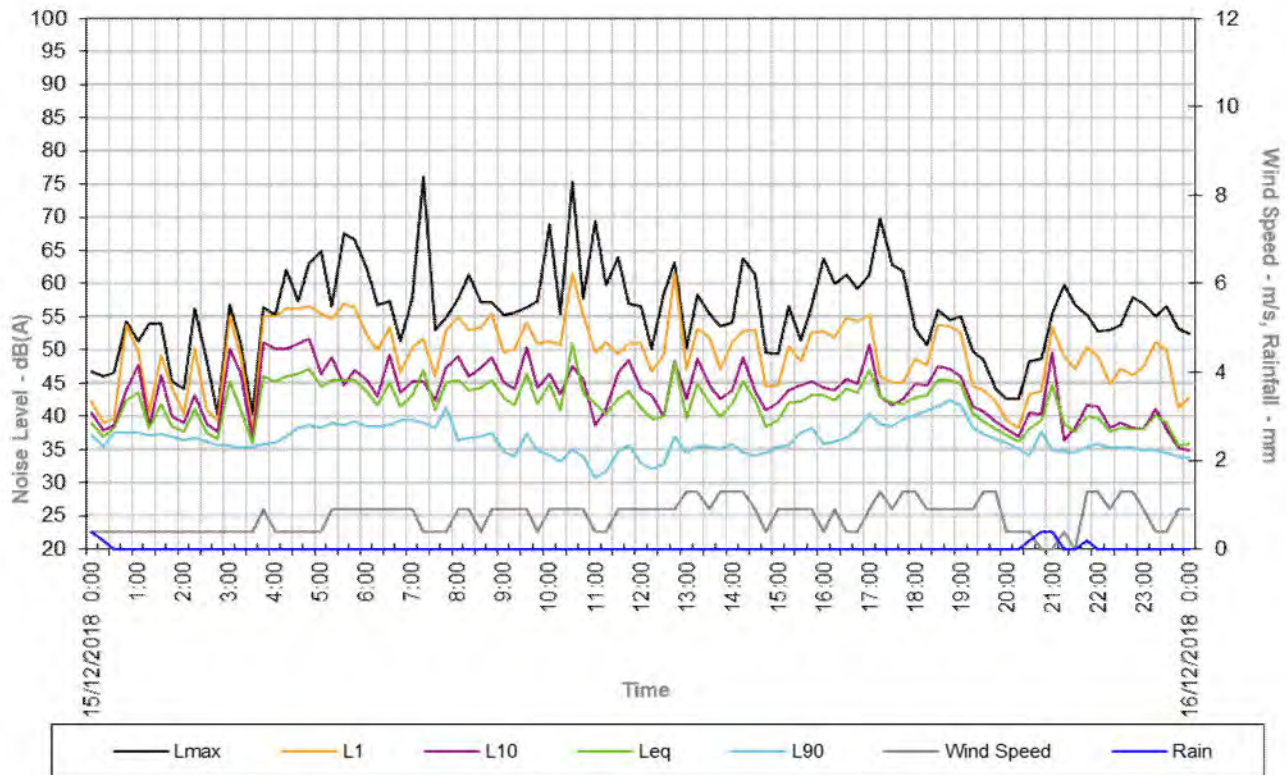
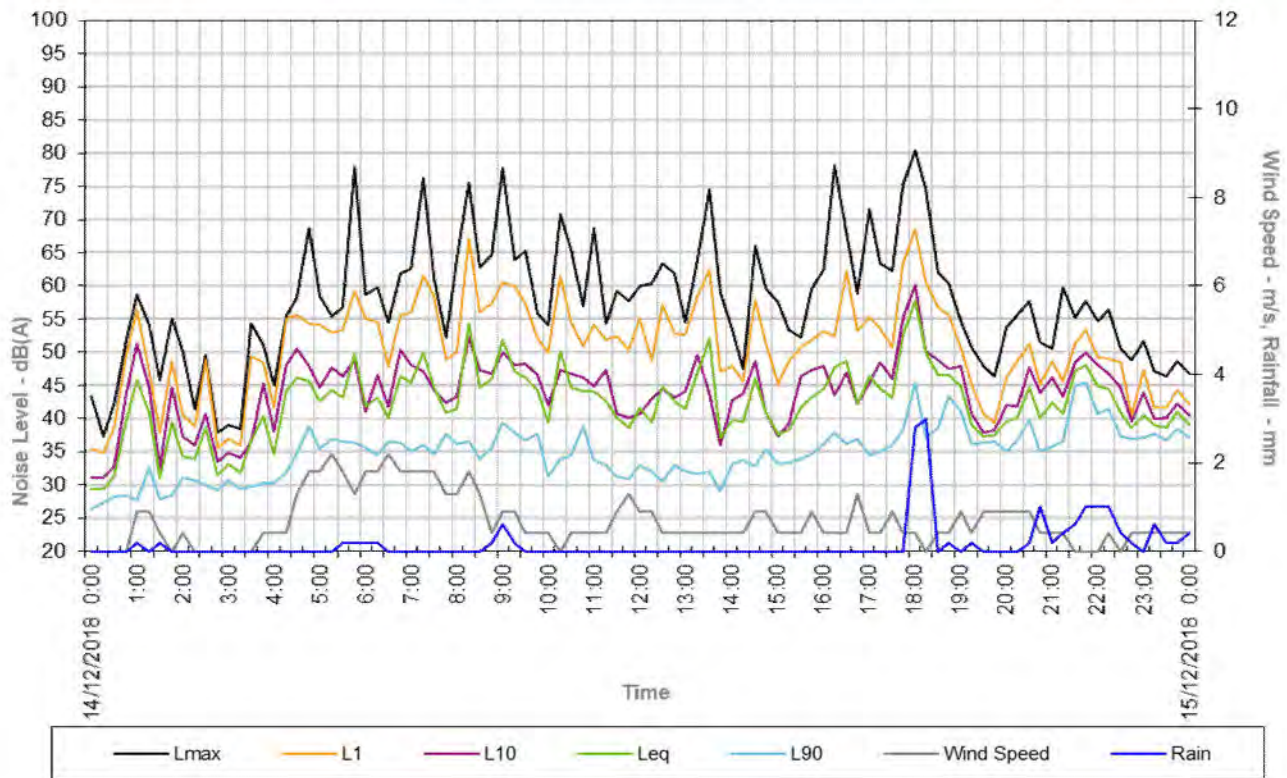
Site Noise and Weather Graphical Analysis

86 Rossiters Road



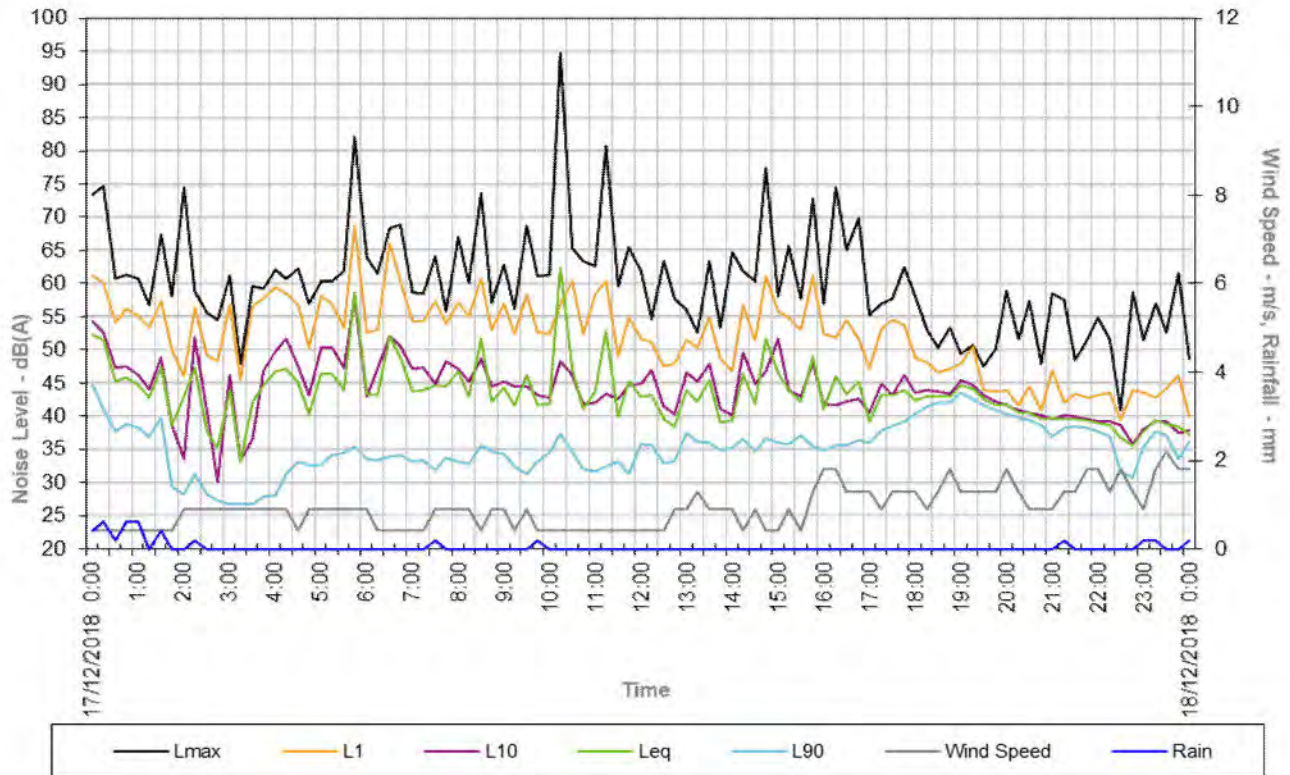
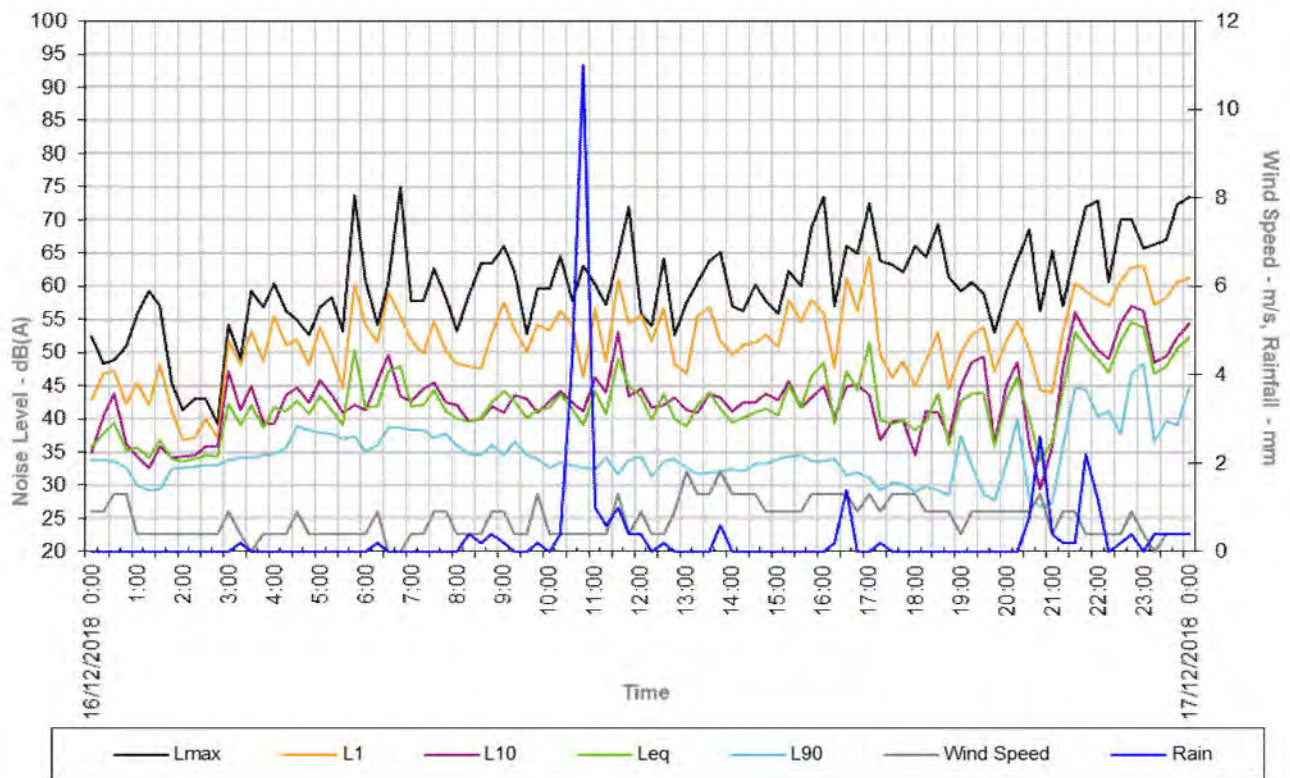
Site Noise and Weather Graphical Analysis

86 Rossiters Road



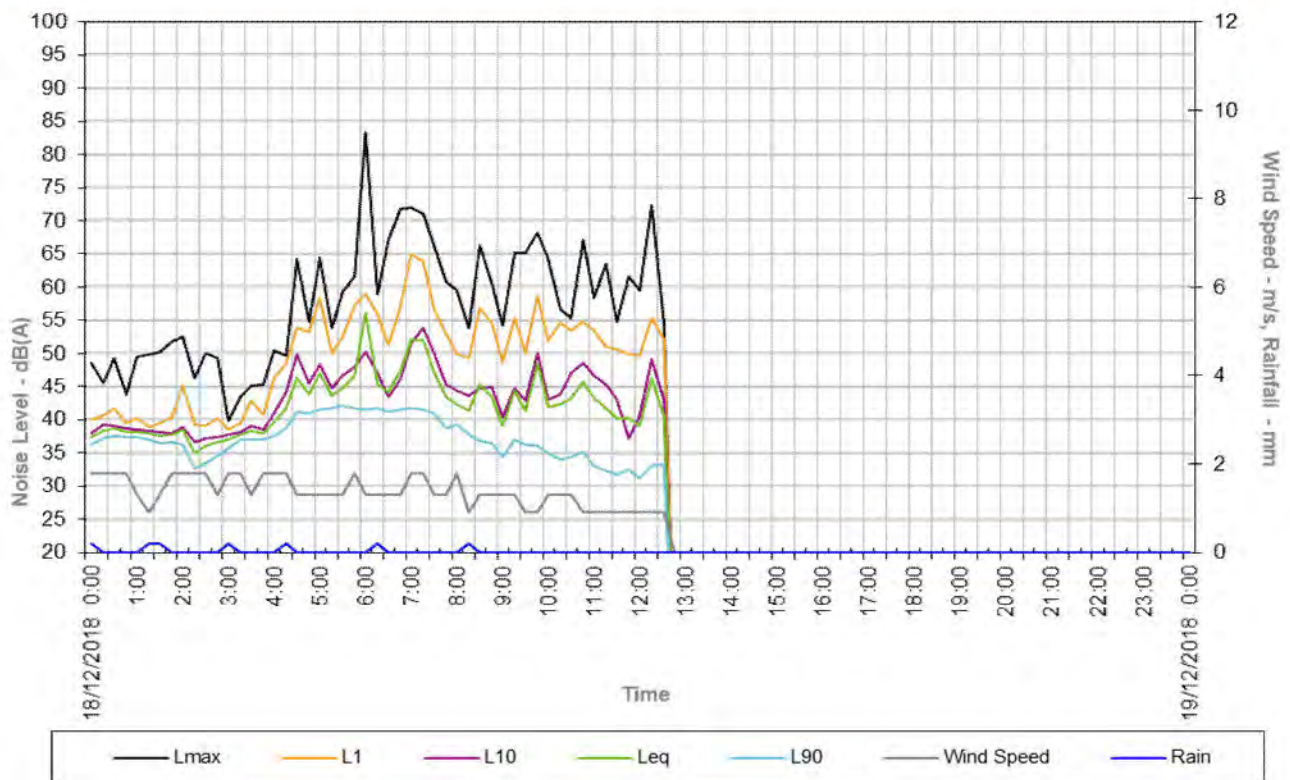
Site Noise and Weather Graphical Analysis

86 Rossiters Road



Site Noise and Weather Graphical Analysis

86 Rossiters Road



Logged Noise and Weather Data														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)	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)
10/12/2018	13:15	42	51	50	46	34	0.0	1.3	4.0	90	26	44	712	11/12/2018	7:00	41	57	51	43	34	0.0	0.4	3.1	113	18	88	713
10/12/2018	13:30	43	66	52	46	35	0.0	0.9	3.6	135	28	44	712	11/12/2018	7:15	46	68	55	47	34	0.0	0.9	3.6	90	18	84	713
10/12/2018	13:45	52	71	65	53	34	0.0	1.3	4.5	113	28	44	712	11/12/2018	7:30	41	64	49	40	33	0.0	1.3	3.6	90	19	81	713
10/12/2018	14:00	43	58	52	46	34	0.0	1.3	3.6	90	28	43	712	11/12/2018	7:45	42	58	52	43	34	0.0	1.3	3.6	90	20	78	713
10/12/2018	14:15	46	64	56	49	35	0.0	1.3	4.9	113	28	41	711	11/12/2018	8:00	44	59	57	43	35	0.0	0.9	3.1	135	20	75	713
10/12/2018	14:30	40	61	48	43	33	0.0	0.9	5.4	90	28	42	711	11/12/2018	8:15	43	65	55	43	34	0.0	1.3	3.6	90	21	72	713
10/12/2018	14:45	44	56	52	49	34	0.0	0.9	4.9	90	28	43	711	11/12/2018	8:30	41	59	52	42	35	0.0	0.9	2.7	113	21	72	713
10/12/2018	15:00	42	53	49	46	36	0.0	1.3	5.8	135	27	45	711	11/12/2018	8:45	45	63	54	50	35	0.0	0.9	4.0	113	22	68	714
10/12/2018	15:15	50	75	49	45	34	0.0	0.9	4.0	90	27	44	710	11/12/2018	9:00	42	58	52	46	35	0.0	0.9	3.1	113	22	67	713
10/12/2018	15:30	43	63	49	45	37	0.0	1.3	5.4	90	28	43	711	11/12/2018	9:15	45	57	52	49	35	0.0	0.9	3.1	113	23	66	713
10/12/2018	15:45	43	64	53	45	35	0.0	0.9	3.6	113	28	42	710	11/12/2018	9:30	51	75	56	50	36	0.0	0.9	4.0	113	23	62	713
10/12/2018	16:00	40	48	45	43	34	0.0	0.9	2.7	90	28	42	710	11/12/2018	9:45	48	73	57	49	33	0.0	0.9	3.1	113	24	60	713
10/12/2018	16:15	46	58	54	50	36	0.0	0.9	2.7	90	28	43	710	11/12/2018	10:00	47	60	55	51	36	0.0	0.9	3.1	135	23	61	713
10/12/2018	16:30	40	56	51	42	35	0.0	0.9	3.1	90	27	42	710	11/12/2018	10:15	45	59	51	48	41	0.0	0.9	4.0	90	23	58	713
10/12/2018	16:45	51	79	56	42	33	0.0	0.4	2.2	113	28	44	710	11/12/2018	10:30	46	59	55	48	40	0.0	0.9	5.4	90	24	54	713
10/12/2018	17:00	37	54	43	39	32	0.0	0.9	4.9	113	26	42	711	11/12/2018	10:45	45	58	53	49	37	0.0	1.8	4.9	113	25	54	713
10/12/2018	17:15	40	58	54	38	33	0.0	0.9	4.0	135	27	44	711	11/12/2018	11:00	43	59	53	45	34	0.0	0.9	4.5	90	25	53	713
10/12/2018	17:30	42	63	53	36	31	0.0	0.9	3.6	113	27	45	711	11/12/2018	11:15	43	61	55	43	36	0.0	1.8	4.0	135	25	51	713
10/12/2018	17:45	37	55	44	38	33	0.0	0.4	2.7	90	27	46	711	11/12/2018	11:30	42	64	49	43	36	0.0	0.9	3.6	90	25	50	713
10/12/2018	18:15	51	78	61	39	35	0.0	0.4	2.7	113	25	50	711	11/12/2018	11:45	41	57	52	42	35	0.0	1.3	4.9	90	26	48	713
10/12/2018	18:30	38	51	45	39	35	0.0	0.4	1.8	113	25	52	712	11/12/2018	12:00	44	61	55	47	34	0.0	1.3	4.0	90	26	47	713
10/12/2018	18:45	49	66	63	52	36	0.0	0.4	3.1	135	24	55	712	11/12/2018	12:15	45	60	53	48	36	0.0	1.3	4.9	90	26	48	712
10/12/2018	19:00	46	51	50	49	44	0.0	0.9	4.9	113	24	57	712	11/12/2018	12:30	45	56	53	49	37	0.0	1.8	4.0	90	26	47	712
10/12/2018	19:15	45	54	53	48	39	0.0	0.4	3.6	90	23	60	712	11/12/2018	12:45	42	57	48	44	38	0.0	1.3	4.5	113	27	46	712
10/12/2018	19:30	37	50	44	39	33	0.0	0.4	3.6	90	23	62	712	11/12/2018	13:00	48	56	55	53	39	0.0	1.3	5.4	113	27	45	712
10/12/2018	19:45	36	45	41	39	33	0.0	0.4	4.0	90	22	63	712	11/12/2018	13:15	47	74	55	50	36	0.0	1.3	4.5	90	27	45	712
10/12/2018	20:00	35	39	36	37	30	0.0	0.4	1.8	90	22	65	712	11/12/2018	13:30	45	56	53	50	38	0.0	1.3	4.5	90	27	44	712
10/12/2018	20:15	33	38	36	35	29	0.0	0.4	2.7	135	22	69	712	11/12/2018	13:45	48	57	55	53	38	0.0	1.3	5.4	90	28	44	712
10/12/2018	20:30	33	47	43	34	29	0.0	0.9	4.9	113	21	70	713	11/12/2018	14:00	47	62	56	52	35	0.0	2.2	6.7	135	28	42	712
10/12/2018	20:45	43	54	52	49	29	0.0	0.9	3.6	113	21	70	713	11/12/2018	14:15	49	62	56	53	38	0.0	1.8	4.9	113	28	43	711
10/12/2018	21:00	30	40	35	32	27	0.0	1.3	4.0	113	20	72	713	11/12/2018	14:30	43	65	52	42	36	0.0	1.3	4.9	90	28	44	711
10/12/2018	21:15	31	48	35	33	28	0.0	1.3	4.0	113	20	73	713	11/12/2018	14:45	48	66	59	49	36	0.0	1.8	5.4	90	28	43	711
10/12/2018	21:30	30	39	35	33	27	0.0	1.3	5.4	90	20	75	713	11/12/2018	15:00	48	56	55	53	37	0.0	1.3	4.9	113	28	42	711
10/12/2018	21:45	30	38	35	33	27	0.0	1.3	4.9	113	19	76	713	11/12/2018	15:15	48	59	54	52	38	0.0	1.3	5.8	90	28	42	711
10/12/2018	22:00	36	51	47	38	27	0.0	1.3	4.9	113	19	79	713	11/12/2018	15:30	42	54	53	43	36	0.0	1.8	5.4	90	28	43	711
10/12/2018	22:15	43	53	51	48	29	0.0	1.3	4.0	113	19	80	713	11/12/2018	15:45	50	61	57	53	38	0.0	1.3	4.0	90	28	42	711
10/12/2018	22:30	41	53	51	46	26	0.0	0.9	3.6	113	19	81	713	11/12/2018	16:00	45	60	54	50	37	0.0	1.3	5.8	90	28	43	711
10/12/2018	22:45	30	41	38	32	27	0.0	0.9	3.1	90	18	82	713	11/12/2018	16:15	47	58	57	51	36	0.0	1.8	4.9	113	28	43	711
10/12/2018	23:00	28	37	33	30	27	0.0	0.9	3.6	113	18	83	713	11/12/2018	16:30	41	63	48	42	34	0.0	1.3	5.4	90	27	44	711
10/12/2018	23:15	46	56	55	50	29	0.0	0.4	4.0	90	18	83	713	11/12/2018	16:45	48	71	60	46	37	0.0	1.3	3.6	90	27	45	711
10/12/2018	23:30	29	41	35	31	26	0.0	0.4	1.3	113	18	84	713	11/12/2018	17:00	49	73	59	44	37	0.0	1.3	4.5	113	27	47	711
10/12/2018	23:45	27	35	32	28	25	0.0	0.9	4.0	113	18	86	713	11/12/2018	17:15	43	58	53	45	37	0.0	1.3	4.0	135	27	48	711
11/12/2018	0:00	45	59	53	49	28	0.0	0.9	3.6	113	18	86	713	11/12/2018	17:30	39	54	48	39	35	0.0	1.3	6.3	68	26	50	711
11/12/2018	0:15	30	51	37	31	26	0.0	0.4	3.1	90	17	88	713	11/12/2018	17:45	42	63	47	43	37	0.0	1.3	3.6	90	26	52	711
11/12/2018	0:30	34	56	44	31	26	0.0	0.4	1.8	113	17	89	713	11/12/2018	18:00	47	61	57	50	37	0.0	0.9	2.7	90	25	54	711
11/12/2018	0:45	28	38	35	30	24	0.0	0.0	2.2	113	17	90	713	11/12/2018	18:15	41	56	50	42	36	0.0	0.9	3.6	68	24	56	711
11/12/2018	1:00	27	41	32	29	23	0.0	0.0	1.8	113	17	90	712	11/12/2018	18:30	40	51	47	42	36	0.0	0.9	3.1	68	24	58	711
11/12/2018	1:15	29	50	37	29	23	0.0	0.0	0.9	113	17	90	712	11/12/2018	18:45	50	66	62	52	38	0.0	0.9	4.5	90	23	61	712
11/12/2018	1:30	45	59	56	49	28	0.0	0.0	1.8	113	17	91	712	11/12/2018	19:00	49	60	56	52	42	0.0	0.9	3.1	90	23	62	712
11/12/2018	1:45	30	53	39	28	22	0.0	0.0	0.9	113	17	91	712	11/12/2018	19:15	48	70	61	47	34	0.0	0.9	5.4	113	22	64	712
11/12/2018	2:00	31	54	40	29	23	0.0	0.4	1.8	113	17	91	712	11/12/2018	19:30	33	42	39	35	31	0.0	0.9	3.6	90	22	65	712
11/12/2018	2:15	32	48	42	36	23	0.0	0.0	0.9	113	17	92	7														

Logged Noise and Weather Data														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)	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)
12/12/2018	0:30	44	69	52	48	27	0.0	0.9	4.0	90	18	88	712	12/12/2018	18:00	41	71	43	39	34	0.0	1.3	4.9	90	28	54	709
12/12/2018	0:45	36	54	51	35	25	0.0	0.9	4.0	90	18	89	712	12/12/2018	18:15	40	51	49	42	36	0.0	1.8	4.9	113	25	56	709
12/12/2018	1:00	36	63	48	33	25	0.0	0.9	3.1	90	18	89	712	12/12/2018	18:30	37	49	43	39	35	0.0	1.3	4.9	113	24	58	709
12/12/2018	1:15	44	57	55	49	28	0.0	0.4	2.7	90	18	89	712	12/12/2018	18:45	50	55	54	53	37	0.0	1.3	4.9	90	24	60	709
12/12/2018	1:30	34	48	45	39	24	0.0	0.4	2.7	113	18	89	712	12/12/2018	19:00	47	55	54	52	38	0.0	1.3	6.3	90	23	62	709
12/12/2018	1:45	44	56	54	47	25	0.0	0.4	2.2	90	18	89	711	12/12/2018	19:15	38	48	43	39	35	0.0	1.3	6.3	90	23	64	710
12/12/2018	2:00	31	55	37	33	26	0.0	0.4	2.7	113	18	90	712	12/12/2018	19:30	36	47	44	39	31	0.0	1.3	4.9	90	22	66	710
12/12/2018	2:15	26	44	36	31	24	0.0	0.4	1.8	90	17	90	712	12/12/2018	19:45	43	53	51	49	31	0.0	0.9	3.1	90	22	68	710
12/12/2018	2:30	30	44	42	30	24	0.0	0.4	1.8	113	17	91	711	12/12/2018	20:00	43	60	56	41	32	0.0	0.9	3.6	90	22	68	709
12/12/2018	2:45	40	54	53	42	24	0.0	0.9	1.8	90	17	91	711	12/12/2018	20:15	33	40	37	34	31	0.0	1.3	4.9	90	21	70	710
12/12/2018	3:00	25	35	32	26	24	0.0	0.9	3.1	90	17	92	711	12/12/2018	20:30	31	40	35	32	29	0.0	1.3	6.7	113	21	72	710
12/12/2018	3:15	27	43	35	28	24	0.0	0.9	2.7	90	17	92	711	12/12/2018	20:45	30	46	39	31	28	0.0	1.3	6.3	90	20	74	710
12/12/2018	3:30	43	56	52	48	25	0.0	0.4	2.2	90	17	93	711	12/12/2018	21:00	35	48	46	40	29	0.0	0.9	6.3	90	20	76	710
12/12/2018	3:45	45	57	57	50	28	0.0	0.4	1.8	90	17	93	711	12/12/2018	21:15	44	62	54	50	27	0.0	0.9	4.9	113	20	78	710
12/12/2018	4:00	41	57	53	43	29	0.0	0.4	2.7	113	17	93	711	12/12/2018	21:30	28	41	32	29	27	0.0	0.9	3.1	90	20	80	710
12/12/2018	4:15	47	58	57	52	32	0.0	0.4	0.9	90	17	93	711	12/12/2018	21:45	28	35	32	29	27	0.0	0.9	4.0	90	19	80	710
12/12/2018	4:30	44	57	55	48	33	0.0	0.4	1.8	90	17	94	711	12/12/2018	22:00	28	37	32	29	26	0.0	0.9	3.1	90	19	82	710
12/12/2018	4:45	46	60	55	50	35	0.0	0.4	2.7	90	17	94	711	12/12/2018	22:15	28	36	31	29	26	0.0	0.9	3.1	90	19	83	710
12/12/2018	5:00	43	59	54	45	34	0.0	0.9	2.2	90	17	94	711	12/12/2018	22:30	29	37	33	30	26	0.0	0.9	3.1	113	19	84	710
12/12/2018	5:15	41	54	50	45	35	0.0	0.9	2.7	90	17	94	711	12/12/2018	22:45	29	37	34	31	27	0.0	0.4	2.2	113	19	85	710
12/12/2018	5:30	47	69	59	47	37	0.0	0.4	3.1	90	17	94	711	12/12/2018	23:00	42	57	53	45	25	0.0	0.4	2.2	113	19	85	710
12/12/2018	5:45	52	74	63	53	36	0.0	0.9	2.7	90	17	94	711	12/12/2018	23:15	29	35	34	32	26	0.0	0.4	2.7	135	18	86	710
12/12/2018	6:00	51	68	63	53	36	0.0	0.9	3.1	90	17	94	711	12/12/2018	23:30	29	49	34	30	25	0.0	0.4	2.2	113	18	86	710
12/12/2018	6:15	54	76	68	50	34	0.0	1.3	3.6	90	17	94	711	12/12/2018	23:45	44	59	53	50	28	0.0	0.4	2.2	90	18	86	710
12/12/2018	6:30	44	64	56	46	34	0.0	1.3	3.1	68	17	94	711	13/12/2018	0:00	29	44	39	31	25	0.0	0.4	1.8	90	18	86	710
12/12/2018	6:45	44	61	57	46	34	0.0	1.3	2.7	90	17	94	711	13/12/2018	0:15	29	46	35	31	25	0.0	0.4	2.2	90	18	86	709
12/12/2018	7:00	40	57	51	43	34	0.0	1.3	3.8	68	17	94	712	13/12/2018	0:30	43	56	51	47	30	0.0	0.4	0.9	90	18	87	709
12/12/2018	7:15	44	63	54	48	37	0.0	0.9	3.6	90	17	94	712	13/12/2018	0:45	39	50	48	43	25	0.0	0.0	1.3	90	18	87	709
12/12/2018	7:30	40	54	50	42	35	0.0	1.3	2.7	90	18	90	712	13/12/2018	1:00	29	50	36	29	26	0.0	0.0	0.9	90	18	87	709
12/12/2018	7:45	40	58	49	41	36	0.0	1.3	4.9	90	19	83	712	13/12/2018	1:15	28	45	34	29	25	0.0	0.0	0.4	90	18	87	709
12/12/2018	8:00	39	52	46	41	35	0.0	1.3	4.0	90	20	76	712	13/12/2018	1:30	42	53	51	47	26	0.0	0.0	0.4	90	18	87	709
12/12/2018	8:15	49	72	57	51	39	0.0	1.3	6.3	90	21	72	712	13/12/2018	1:45	28	43	39	29	24	0.0	0.0	0.9	90	18	87	709
12/12/2018	8:30	43	57	53	46	36	0.0	1.3	4.0	90	21	72	712	13/12/2018	2:00	43	58	55	43	26	0.0	0.0	0.4	90	18	87	709
12/12/2018	8:45	43	61	54	44	36	0.0	1.3	4.0	90	22	68	712	13/12/2018	2:15	29	44	34	32	25	0.0	0.0	0.9	90	18	87	709
12/12/2018	9:00	45	58	54	51	37	0.0	1.3	4.5	90	22	67	712	13/12/2018	2:30	33	57	41	33	26	0.0	0.0	0.4	90	18	87	709
12/12/2018	9:15	43	56	52	46	37	0.0	1.3	4.5	113	22	65	712	13/12/2018	2:45	31	42	36	33	27	0.0	0.0	0.4	90	18	87	708
12/12/2018	9:30	46	60	58	50	36	0.0	1.3	3.6	135	23	61	712	13/12/2018	3:00	32	60	42	34	26	0.0	0.4	1.3	90	18	88	708
12/12/2018	9:45	49	63	56	53	40	0.0	1.3	5.8	113	23	61	712	13/12/2018	3:15	30	40	35	33	27	0.0	0.4	1.3	90	18	89	708
12/12/2018	10:00	47	54	56	50	42	0.0	1.3	4.9	90	24	58	712	13/12/2018	3:30	42	53	51	47	28	0.0	0.4	1.3	90	17	89	708
12/12/2018	10:15	52	57	56	55	43	0.0	1.8	4.0	113	24	55	712	13/12/2018	3:45	42	53	51	47	28	0.0	0.4	1.3	90	17	90	708
12/12/2018	10:30	48	55	54	52	38	0.0	1.3	4.0	135	24	55	712	13/12/2018	4:00	40	54	49	44	30	0.0	0.4	1.8	90	17	90	708
12/12/2018	10:45	43	54	51	46	37	0.0	0.9	4.5	113	25	55	711	13/12/2018	4:15	41	58	53	44	30	0.0	0.4	3.1	90	17	91	708
12/12/2018	11:00	45	66	54	49	36	0.0	1.3	5.4	90	25	53	711	13/12/2018	4:30	42	54	51	46	34	0.0	0.9	2.2	90	17	91	708
12/12/2018	11:15	43	56	54	47	36	0.0	1.3	3.6	113	26	52	711	13/12/2018	4:45	41	56	52	42	34	0.0	0.4	1.3	90	17	92	708
12/12/2018	11:30	42	56	53	46	34	0.0	1.8	3.6	113	26	51	711	13/12/2018	5:00	45	64	55	47	35	0.0	0.0	1.3	90	17	92	708
12/12/2018	11:45	41	53	52	43	32	0.0	1.3	4.0	90	26	50	711	13/12/2018	5:15	41	60	51	42	34	0.0	0.0	0.4	90	17	92	709
12/12/2018	12:00	42	56	54	41	34	0.0	1.8	4.9	90	27	49	711	13/12/2018	5:30	45	67	58	45	36	0.0	0.0	0.4	90	17	92	709
12/12/2018	12:15	43	55	48	45	37	0.0	1.3	3.6	113	27	48	710	13/12/2018	5:45	46	63	58	48	37	0.0	0.0	0.9	90	17	92	709
12/12/2018	12:30	46	61	54	50	39	0.0	1.8	5.4	113	28	46	710	13/12/2018	6:00	44	61	53	46	34	0.0	0.0	0.9	90	18	91	709
12/12/2018	12:45	47	57	55	51	39	0.0	1.3	4.0	113	28	45	710	13/12/2018	6:15	43	58	54	46	33	0.0	0.0	0.4	90	18	90	709
12/12/2018	13:00	48	57	55	53	37	0.0	1.3	4.0	90	28	46	710	13/12/2018	6:30	43	61	54	43	34	0.0	0.0	0.4	90	18	89	709
12/12/2018	13:15	49	60	58	54	38	0.0	1.3	6.3	113	28	45															

Logged Noise and Weather Data														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)	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)
13/12/2018	11:30	38	51	45	42	33	0.0	0.9	2.7	0	28	46	707	14/12/2018	5:00	43	59	54	45	35	0.0	1.8	5.8	293	20	90	705
13/12/2018	11:45	44	66	51	47	37	0.0	0.9	3.6	0	29	44	707	14/12/2018	5:15	44	56	53	48	37	0.0	2.2	5.8	293	20	90	705
13/12/2018	12:00	39	49	47	42	34	0.0	0.9	2.7	0	30	43	707	14/12/2018	5:30	43	57	53	46	37	0.2	1.8	4.9	293	20	91	706
13/12/2018	12:15	42	55	51	45	35	0.0	0.9	2.7	0	30	42	707	14/12/2018	5:45	50	78	59	49	36	0.2	1.3	3.6	293	19	90	706
13/12/2018	12:30	40	49	47	44	34	0.0	0.4	2.7	90	30	42	706	14/12/2018	6:00	42	59	55	41	36	0.2	1.8	3.6	293	19	91	706
13/12/2018	12:45	39	48	44	41	35	0.0	0.9	2.7	45	30	42	706	14/12/2018	6:15	43	60	55	47	34	0.2	1.8	5.8	293	19	90	706
13/12/2018	13:00	48	73	59	41	32	0.0	0.9	3.6	23	30	42	706	14/12/2018	6:30	40	55	48	42	37	0.0	2.2	5.4	293	19	92	706
13/12/2018	13:15	40	52	50	43	34	0.0	0.4	2.7	23	30	41	706	14/12/2018	6:45	46	62	56	50	36	0.0	1.8	4.9	293	19	91	706
13/12/2018	13:30	42	57	50	45	35	0.0	0.9	2.2	293	31	37	706	14/12/2018	7:00	45	63	56	48	35	0.0	1.8	4.0	270	19	92	706
13/12/2018	13:45	42	51	48	45	38	0.0	0.9	3.1	45	32	36	705	14/12/2018	7:15	50	76	62	47	36	0.0	1.8	3.6	270	19	92	706
13/12/2018	14:00	43	60	53	46	36	0.0	0.9	2.7	90	32	36	705	14/12/2018	7:30	45	61	58	44	35	0.0	1.8	3.6	293	19	92	706
13/12/2018	14:15	42	56	49	45	34	0.0	0.9	2.7	0	32	36	705	14/12/2018	7:45	41	52	49	43	38	0.0	1.3	2.7	270	19	91	706
13/12/2018	14:30	44	56	53	47	37	0.0	0.4	2.7	0	32	37	705	14/12/2018	8:00	41	64	50	43	36	0.0	1.3	3.6	270	19	90	705
13/12/2018	14:45	48	57	55	51	39	0.0	0.9	3.1	338	32	34	704	14/12/2018	8:15	54	76	67	52	37	0.0	1.8	4.9	293	19	90	706
13/12/2018	15:00	47	60	56	50	39	0.0	0.9	3.1	135	33	34	704	14/12/2018	8:30	45	63	56	47	34	0.0	1.3	4.9	270	20	89	706
13/12/2018	15:15	49	59	56	52	42	0.0	0.9	3.6	0	33	32	704	14/12/2018	8:45	46	65	57	47	36	0.2	0.4	2.2	90	20	85	706
13/12/2018	15:30	47	62	56	50	38	0.0	0.9	4.5	23	33	34	704	14/12/2018	9:00	52	78	61	50	39	0.6	0.9	1.8	90	19	87	705
13/12/2018	15:45	45	63	51	47	39	0.0	0.9	2.2	23	32	35	704	14/12/2018	9:15	47	64	60	48	36	0.2	0.9	1.8	90	19	90	705
13/12/2018	16:00	45	57	50	47	40	0.0	0.9	2.7	0	32	36	704	14/12/2018	9:30	46	65	57	48	37	0.0	0.4	1.8	225	20	89	706
13/12/2018	16:15	44	60	50	46	39	0.0	0.9	3.1	0	31	38	704	14/12/2018	9:45	44	56	52	47	38	0.0	0.4	1.8	113	20	87	706
13/12/2018	16:30	42	55	49	44	38	0.0	0.9	2.7	68	30	41	704	14/12/2018	10:00	39	54	50	42	31	0.0	0.4	1.8	315	21	83	706
13/12/2018	16:45	45	58	54	47	39	0.0	0.4	2.7	135	29	41	704	14/12/2018	10:15	50	71	62	47	34	0.0	0.0	1.8	315	23	81	706
13/12/2018	17:00	42	54	49	45	38	0.0	0.9	2.7	23	28	43	704	14/12/2018	10:30	45	65	55	47	35	0.0	0.4	2.2	135	24	74	705
13/12/2018	17:15	43	61	50	45	38	0.0	0.4	2.2	23	28	45	705	14/12/2018	10:45	44	57	51	46	39	0.0	0.4	1.8	113	24	73	705
13/12/2018	17:30	43	57	50	46	39	0.0	0.4	2.7	23	27	46	705	14/12/2018	11:00	44	69	54	45	34	0.0	0.4	2.2	23	25	69	705
13/12/2018	17:45	45	52	51	49	38	0.0	0.4	2.2	23	27	47	705	14/12/2018	11:15	43	54	52	47	33	0.0	0.4	2.2	23	26	66	705
13/12/2018	18:00	44	58	53	48	36	0.0	0.4	2.7	45	26	48	705	14/12/2018	11:30	40	59	53	41	31	0.0	0.9	2.7	23	27	64	705
13/12/2018	18:15	42	57	52	44	37	0.0	0.4	2.7	0	26	49	706	14/12/2018	11:45	39	58	50	40	31	0.0	1.3	3.6	23	28	61	705
13/12/2018	18:30	41	51	48	43	37	0.0	0.4	2.2	338	26	51	706	14/12/2018	12:00	42	60	55	41	33	0.0	0.9	3.1	0	29	60	705
13/12/2018	18:45	46	54	49	47	44	0.0	0.4	2.7	0	26	53	706	14/12/2018	12:15	39	60	49	43	32	0.0	0.9	3.1	23	30	59	705
13/12/2018	19:00	43	54	51	45	40	0.0	0.4	1.8	23	25	54	706	14/12/2018	12:30	45	63	57	45	31	0.0	0.4	3.1	23	29	57	705
13/12/2018	19:15	41	53	50	44	36	0.0	0.4	3.1	90	25	56	706	14/12/2018	12:45	43	62	53	43	33	0.0	0.4	2.2	338	30	57	704
13/12/2018	19:30	38	49	48	41	32	0.0	0.4	2.2	90	25	57	706	14/12/2018	13:00	41	55	53	44	32	0.0	0.4	3.1	135	29	60	704
13/12/2018	19:45	33	38	36	34	31	0.0	0.4	1.3	23	25	58	706	14/12/2018	13:15	47	64	58	50	32	0.0	0.4	3.1	135	28	60	704
13/12/2018	20:00	34	45	37	35	32	0.0	0.4	1.8	23	25	58	706	14/12/2018	13:30	52	75	63	44	32	0.0	0.4	2.2	0	28	60	704
13/12/2018	20:15	33	48	42	34	31	0.0	0.0	1.8	0	24	57	706	14/12/2018	13:45	37	59	47	36	29	0.0	0.4	3.6	113	28	60	704
13/12/2018	20:30	33	41	38	36	31	0.0	0.4	2.2	23	24	57	706	14/12/2018	14:00	40	53	48	43	33	0.0	0.4	2.2	113	29	58	704
13/12/2018	20:45	40	55	51	44	32	0.0	1.3	4.9	225	24	70	707	14/12/2018	14:15	40	48	46	44	34	0.0	0.4	2.7	113	29	58	704
13/12/2018	21:00	36	45	44	41	33	0.0	0.9	3.1	225	23	75	707	14/12/2018	14:30	48	66	58	49	33	0.0	0.9	3.1	113	29	52	704
13/12/2018	21:15	42	55	51	46	33	0.0	0.9	2.2	248	22	78	706	14/12/2018	14:45	41	60	51	41	36	0.0	0.9	3.1	113	31	48	703
13/12/2018	21:30	38	48	45	41	32	0.0	0.4	1.3	248	22	78	706	14/12/2018	15:00	38	58	45	37	33	0.0	0.4	2.2	45	31	48	703
13/12/2018	21:45	39	54	52	40	30	0.0	0.4	1.8	225	22	78	705	14/12/2018	15:15	38	53	49	39	33	0.0	0.4	2.7	113	31	52	703
13/12/2018	22:00	32	41	38	34	30	0.0	0.4	3.1	90	21	78	705	14/12/2018	15:30	42	52	51	46	34	0.0	0.4	2.2	135	29	57	703
13/12/2018	22:15	42	55	52	47	30	0.0	0.9	2.7	113	21	79	705	14/12/2018	15:45	43	60	52	47	35	0.0	0.9	2.2	113	28	61	703
13/12/2018	22:30	38	48	46	42	30	0.0	0.4	2.2	135	21	81	706	14/12/2018	16:00	44	62	53	48	36	0.0	0.4	2.7	90	27	64	703
13/12/2018	22:45	31	38	35	32	28	0.0	0.0	0.9	113	21	82	706	14/12/2018	16:15	48	78	53	44	38	0.0	0.4	1.8	113	26	68	703
13/12/2018	23:00	30	41	34	31	29	0.0	0.0	0.9	68	21	82	706	14/12/2018	16:30	49	68	62	47	36	0.0	0.4	2.7	113	26	70	704
13/12/2018	23:15	33	54	39	34	29	0.0	0.0	0.9	68	21	82	706	14/12/2018	16:45	42	59	53	42	37	0.0	1.3	3.6	90	25	73	704
13/12/2018	23:30	40	56	52	39	28	0.0	0.0	0.9	68	21	83	706	14/12/2018	17:00	46	71	55	46	34	0.0	0.4	2.7	90	24	77	705
13/12/2018	23:45	40	52	50	43	28	0.0	0.0	0.9	68	21	84	706	14/12/2018	17:15	44	63	54	48	35	0.0	0.4	2.2	90	23	77	704
14/12/2018	0:00	29	43	35	31	26	0.0	0.0	0.9	68	21	84	706	14/12/2018	17:30	43	62	51	46	36	0.0	0.9	3.1	90	22	79	704
14/12/2018	0:15	29	37	35	31	2																					

Logged Noise and Weather Data														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)	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)
14/12/2018	22:30	41	51	48	45	37	0.4	0.0	2.2	113	19	94	708	15/12/2018	18:00	43	64	53	44	36	0.0	0.4	2.7	90	29	57	706
14/12/2018	22:45	39	49	41	40	37	0.2	0.4	2.2	113	20	94	707	15/12/2018	18:15	42	60	52	44	36	0.0	0.9	2.7	90	29	60	706
14/12/2018	23:00	40	52	47	44	37	0.0	0.4	3.6	135	20	94	708	15/12/2018	18:30	44	61	55	46	37	0.0	0.4	2.7	90	29	62	706
14/12/2018	23:15	39	47	42	40	38	0.6	0.4	0.9	135	20	94	708	15/12/2018	18:45	44	59	54	45	38	0.0	0.4	2.2	68	28	63	706
14/12/2018	23:30	39	46	42	40	37	0.2	0.4	2.2	135	20	94	708	15/12/2018	17:00	47	61	55	51	40	0.0	0.9	3.1	68	28	67	706
14/12/2018	23:45	41	49	44	42	38	0.2	0.4	2.2	113	20	94	708	15/12/2018	17:15	43	70	46	43	39	0.0	1.3	3.1	68	27	69	706
15/12/2018	0:00	39	47	42	41	37	0.4	0.4	1.8	113	19	94	708	15/12/2018	17:30	42	63	45	42	39	0.0	0.9	3.1	68	26	71	707
15/12/2018	0:15	37	46	39	36	35	0.2	0.4	1.8	113	19	94	707	15/12/2018	17:45	42	62	45	43	40	0.0	1.3	3.6	90	26	72	707
15/12/2018	0:30	38	47	40	39	38	0.0	0.4	1.8	90	19	94	707	15/12/2018	18:00	43	53	49	45	40	0.0	1.3	4.0	68	25	73	707
15/12/2018	0:45	42	54	54	44	38	0.0	0.4	2.2	90	19	94	706	15/12/2018	18:15	43	51	48	45	41	0.0	0.9	2.2	90	25	73	707
15/12/2018	1:00	43	51	50	48	38	0.0	0.4	1.3	90	18	94	706	15/12/2018	18:30	45	56	54	48	41	0.0	0.9	2.7	90	25	74	707
15/12/2018	1:15	38	54	41	39	37	0.0	0.4	1.3	90	18	94	706	15/12/2018	18:45	46	55	54	47	42	0.0	0.9	3.1	90	25	75	707
15/12/2018	1:30	42	54	49	46	37	0.0	0.4	1.3	90	19	94	706	15/12/2018	19:00	45	55	53	46	42	0.0	0.9	2.2	68	24	76	708
15/12/2018	1:45	39	45	44	40	37	0.0	0.4	2.2	90	19	95	706	15/12/2018	19:15	40	50	45	42	38	0.0	0.9	3.1	90	24	75	708
15/12/2018	2:00	38	44	40	39	36	0.0	0.4	0.9	113	19	95	706	15/12/2018	19:30	39	48	44	41	37	0.0	1.3	3.6	68	24	74	708
15/12/2018	2:15	41	56	50	43	37	0.0	0.4	1.8	113	19	95	705	15/12/2018	19:45	38	44	42	39	37	0.0	1.3	3.1	68	24	75	708
15/12/2018	2:30	38	48	41	39	36	0.0	0.4	0.9	113	19	95	705	15/12/2018	20:00	37	43	39	38	36	0.0	0.4	2.7	90	23	77	708
15/12/2018	2:45	37	40	39	38	36	0.0	0.4	2.2	113	19	95	705	15/12/2018	20:15	36	43	38	37	35	0.0	0.4	3.6	135	23	79	709
15/12/2018	3:00	45	57	55	50	36	0.0	0.4	1.8	113	19	95	706	15/12/2018	20:30	38	48	43	41	34	0.2	0.4	2.2	113	23	82	709
15/12/2018	3:15	41	51	49	47	35	0.0	0.4	1.8	113	19	95	706	15/12/2018	20:45	39	49	44	40	38	0.4	0.0	2.2	135	23	86	709
15/12/2018	3:30	36	40	38	37	35	0.0	0.4	2.2	113	19	95	706	15/12/2018	21:00	45	55	53	50	35	0.4	0.0	2.2	135	22	88	709
15/12/2018	3:45	46	56	55	51	36	0.0	0.9	2.2	68	19	95	708	15/12/2018	21:15	39	60	49	36	35	0.0	0.4	1.8	135	21	90	709
15/12/2018	4:00	45	55	55	50	36	0.0	0.4	1.8	90	18	95	706	15/12/2018	21:30	38	57	47	38	35	0.0	0.0	1.8	135	21	91	709
15/12/2018	4:15	46	62	56	50	37	0.0	0.4	2.2	90	18	95	706	15/12/2018	21:45	40	55	50	42	35	0.2	1.3	4.5	113	21	91	709
15/12/2018	4:30	46	57	56	51	38	0.0	0.4	2.2	90	18	95	706	15/12/2018	22:00	40	53	49	41	36	0.0	1.3	4.0	113	21	92	709
15/12/2018	4:45	47	63	57	52	39	0.0	0.4	2.7	90	18	95	707	15/12/2018	22:15	38	53	45	38	35	0.0	0.9	3.6	135	21	93	709
15/12/2018	5:00	44	65	56	46	38	0.0	0.4	2.2	113	18	95	707	15/12/2018	22:30	38	54	47	39	35	0.0	1.3	4.9	113	21	93	709
15/12/2018	5:15	45	57	55	49	39	0.0	0.9	3.6	90	18	95	707	15/12/2018	22:45	38	58	46	38	35	0.0	1.3	4.0	113	21	93	709
15/12/2018	5:30	46	68	57	45	39	0.0	0.9	2.2	90	18	95	707	15/12/2018	23:00	38	57	48	38	35	0.0	0.9	4.9	113	21	93	709
15/12/2018	5:45	45	67	56	47	39	0.0	0.9	2.7	90	18	95	708	15/12/2018	23:15	40	55	51	41	35	0.0	0.4	2.2	90	21	94	709
15/12/2018	6:00	44	62	52	46	39	0.0	0.9	2.2	68	18	95	708	15/12/2018	23:30	39	57	50	38	35	0.0	0.4	2.2	135	21	94	709
15/12/2018	6:15	42	57	50	43	39	0.0	0.9	2.7	90	18	95	708	15/12/2018	23:45	36	53	41	35	34	0.0	0.9	4.0	158	21	94	709
15/12/2018	6:30	45	57	53	49	39	0.0	0.9	2.2	90	18	95	708	16/12/2018	0:00	36	52	43	35	34	0.0	0.9	4.0	90	21	94	708
15/12/2018	6:45	41	51	47	44	39	0.0	0.9	4.0	90	18	95	708	16/12/2018	0:15	38	48	47	40	34	0.0	0.9	5.8	90	21	94	708
15/12/2018	7:00	43	58	50	45	39	0.0	0.9	3.1	90	18	95	708	16/12/2018	0:30	40	49	47	44	34	0.0	1.3	4.9	90	21	94	708
15/12/2018	7:15	47	76	52	45	39	0.0	0.4	1.8	68	19	95	708	16/12/2018	0:45	35	51	42	36	33	0.0	1.3	4.9	68	21	94	708
15/12/2018	7:30	41	53	46	43	38	0.0	0.4	1.8	90	19	95	708	16/12/2018	1:00	36	56	45	34	30	0.0	0.4	2.2	90	21	94	708
15/12/2018	7:45	45	55	53	47	41	0.0	0.4	3.1	113	19	95	708	16/12/2018	1:15	34	59	42	33	29	0.0	0.4	2.7	113	21	94	708
15/12/2018	8:00	45	58	55	49	36	0.0	0.9	1.8	90	20	95	708	16/12/2018	1:30	37	57	48	36	30	0.0	0.4	2.2	113	21	94	708
15/12/2018	8:15	44	61	53	46	37	0.0	0.9	2.7	90	20	95	709	16/12/2018	1:45	34	45	41	34	33	0.0	0.4	4.0	135	21	95	708
15/12/2018	8:30	44	57	53	47	37	0.0	0.4	3.1	90	20	95	708	16/12/2018	2:00	34	41	37	34	33	0.0	0.4	3.6	113	21	95	708
15/12/2018	8:45	45	57	56	49	38	0.0	0.9	2.7	90	21	95	708	16/12/2018	2:15	34	43	37	35	33	0.0	0.4	2.7	68	21	95	708
15/12/2018	9:00	43	55	50	45	35	0.0	0.9	3.1	90	21	94	708	16/12/2018	2:30	34	43	40	36	33	0.0	0.4	2.2	90	21	95	708
15/12/2018	9:15	42	56	50	44	34	0.0	0.9	2.7	90	22	91	708	16/12/2018	2:45	34	39	37	36	33	0.0	0.4	2.7	135	21	94	708
15/12/2018	9:30	46	56	54	50	37	0.0	0.9	2.2	90	22	89	708	16/12/2018	3:00	42	54	52	47	34	0.0	0.9	4.9	113	20	95	708
15/12/2018	9:45	42	57	51	44	35	0.0	0.4	2.2	68	23	87	708	16/12/2018	3:15	39	49	48	41	34	0.2	0.4	4.9	90	20	95	708
15/12/2018	10:00	45	69	51	46	34	0.0	0.9	3.1	68	24	84	709	16/12/2018	3:30	42	59	53	45	34	0.0	0.0	1.8	113	20	95	708
15/12/2018	10:15	41	55	51	43	33	0.0	0.9	2.2	90	24	79	708	16/12/2018	3:45	39	57	49	39	35	0.0	0.4	3.1	113	20	95	708
15/12/2018	10:30	51	75	62	48	35	0.0	0.9	2.7	90	25	74	708	16/12/2018	4:00	42	60	56	39	35	0.0	0.4	2.2	113	20	95	708
15/12/2018	10:45	44	58	55	46	34	0.0	0.9	3.6	90	26	74	708	16/12/2018	4:15	41	56	51	44	36	0.0	0.4	3.1	113	20	95	708
15/12/2018	11:00	42	69	50	39	31	0.0	0.4	3.1	113	26	70	708	16/12/2018	4:30	43	55	52	45	39	0.0	0.9	3.6	113	20	95	708
15/12/2018	11:15	40	60	51	41	32	0.0	0.4	2.7																		

Logged Noise and Weather Data														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)	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)
16/12/2018	9:30	40	53	50	43	35	0.0	0.4	2.7	135	21	95	709	17/12/2018	3:00	44	61	57	46	27	0.0	0.9	3.6	90	19	96	707
16/12/2018	9:45	41	60	54	41	34	0.2	1.3	3.6	113	21	95	709	17/12/2018	3:15	33	48	45	33	27	0.0	0.9	2.7	90	19	96	707
16/12/2018	10:00	42	60	53	43	33	0.0	0.4	2.7	135	21	95	709	17/12/2018	3:30	42	60	57	37	27	0.0	0.9	3.6	90	19	96	707
16/12/2018	10:15	44	65	56	44	33	0.4	0.4	2.7	113	21	95	709	17/12/2018	3:45	45	59	58	47	28	0.0	0.9	2.7	90	19	96	707
16/12/2018	10:30	41	58	54	42	33	4.4	0.4	3.1	135	21	95	709	17/12/2018	4:00	47	62	60	50	28	0.0	0.9	4.9	58	19	96	708
16/12/2018	10:45	39	63	46	41	33	11.0	0.4	3.6	135	21	95	709	17/12/2018	4:15	47	61	58	52	31	0.0	0.9	3.6	90	19	96	708
16/12/2018	11:00	44	60	57	46	32	1.0	0.4	1.3	45	21	95	709	17/12/2018	4:30	45	62	57	48	33	0.0	0.4	3.1	113	19	96	708
16/12/2018	11:15	41	57	49	44	34	0.6	0.4	2.2	113	21	95	709	17/12/2018	4:45	40	57	50	43	33	0.0	0.9	3.6	113	19	96	708
16/12/2018	11:30	49	65	61	53	32	1.0	1.3	3.6	113	21	95	709	17/12/2018	5:00	46	60	58	50	33	0.0	0.9	3.1	113	19	96	708
16/12/2018	11:45	45	72	54	44	34	0.4	0.4	2.7	90	21	95	709	17/12/2018	5:15	46	60	57	50	34	0.0	0.9	5.4	135	18	96	709
16/12/2018	12:00	43	56	56	45	34	0.4	0.9	2.7	135	21	95	709	17/12/2018	5:30	44	62	53	47	34	0.0	0.9	4.0	113	18	96	708
16/12/2018	12:15	40	54	52	42	31	0.0	0.4	2.7	68	21	95	709	17/12/2018	5:45	59	82	69	58	36	0.0	0.9	3.1	113	18	96	709
16/12/2018	12:30	44	64	57	42	34	0.2	0.4	3.1	135	21	95	708	17/12/2018	6:00	43	64	53	43	34	0.0	0.9	3.6	90	18	96	709
16/12/2018	12:45	40	53	48	43	34	0.0	0.9	4.5	113	21	95	708	17/12/2018	6:15	43	61	53	47	33	0.0	0.4	2.2	113	18	96	709
16/12/2018	13:00	39	58	47	41	33	0.0	1.8	7.2	90	21	95	708	17/12/2018	6:30	52	68	66	52	34	0.0	0.4	2.2	90	19	96	709
16/12/2018	13:15	42	61	56	41	32	0.0	1.3	5.4	113	21	95	708	17/12/2018	6:45	49	69	60	51	34	0.0	0.4	3.6	113	19	96	709
16/12/2018	13:30	44	64	57	44	32	0.0	1.3	4.0	113	21	95	708	17/12/2018	7:00	44	59	54	47	33	0.0	0.4	1.8	135	18	96	709
16/12/2018	13:45	42	65	52	43	32	0.6	1.8	5.4	113	21	95	708	17/12/2018	7:15	44	59	54	47	33	0.0	0.4	2.2	135	18	96	709
16/12/2018	14:00	40	57	50	41	32	0.0	1.3	4.9	113	21	95	707	17/12/2018	7:30	45	64	57	45	32	0.2	0.9	3.1	135	19	96	710
16/12/2018	14:15	40	56	51	42	32	0.0	1.3	4.0	68	21	95	707	17/12/2018	7:45	44	56	54	48	34	0.0	0.9	3.6	135	18	96	710
16/12/2018	14:30	41	60	52	43	33	0.0	1.3	6.3	90	21	95	707	17/12/2018	8:00	47	67	57	47	33	0.0	0.9	3.6	135	19	96	710
16/12/2018	14:45	42	58	53	44	33	0.0	0.9	4.0	90	21	95	707	17/12/2018	8:15	43	60	55	45	33	0.0	0.9	4.0	113	18	96	710
16/12/2018	15:00	41	56	51	43	34	0.0	0.9	3.6	68	21	95	707	17/12/2018	8:30	52	74	61	49	36	0.0	0.4	3.6	113	19	96	710
16/12/2018	15:15	45	62	58	46	34	0.0	0.9	3.6	113	21	95	707	17/12/2018	8:45	42	57	53	45	35	0.0	0.9	3.1	113	19	96	710
16/12/2018	15:30	42	60	55	42	35	0.0	0.9	3.1	68	21	95	707	17/12/2018	9:00	44	63	57	45	34	0.0	0.9	3.1	113	19	96	710
16/12/2018	15:45	46	69	58	43	34	0.0	1.3	5.4	90	21	95	707	17/12/2018	9:15	42	56	53	44	32	0.0	0.4	3.6	135	18	96	710
16/12/2018	16:00	49	73	56	45	34	0.0	1.3	3.6	90	21	95	707	17/12/2018	9:30	46	69	58	45	31	0.0	0.9	3.1	135	20	96	710
16/12/2018	16:15	39	57	48	40	34	0.2	1.3	6.3	90	21	95	707	17/12/2018	9:45	42	61	53	43	33	0.2	0.4	2.2	113	20	96	710
16/12/2018	16:30	47	66	61	45	32	1.4	1.3	5.4	90	20	95	707	17/12/2018	10:00	42	61	52	43	34	0.0	0.4	2.7	113	20	96	710
16/12/2018	16:45	44	65	56	45	32	0.0	0.9	5.8	90	20	95	707	17/12/2018	10:15	62	95	57	48	37	0.0	0.4	2.2	135	20	96	710
16/12/2018	17:00	52	73	64	44	31	0.0	1.3	4.0	113	21	95	707	17/12/2018	10:30	47	65	60	46	35	0.0	0.4	2.7	135	20	96	709
16/12/2018	17:15	40	64	50	37	29	0.2	0.9	4.0	113	21	95	708	17/12/2018	10:45	41	63	52	42	32	0.0	0.4	2.7	113	20	96	709
16/12/2018	17:30	39	63	46	40	30	0.0	1.3	4.9	113	20	95	707	17/12/2018	11:00	44	63	58	42	32	0.0	0.4	2.2	113	20	96	709
16/12/2018	17:45	40	62	49	40	30	0.0	1.3	4.9	90	20	95	708	17/12/2018	11:15	53	81	60	43	32	0.0	0.4	3.1	113	20	96	709
16/12/2018	18:00	36	66	45	35	29	0.0	1.3	3.6	113	20	95	708	17/12/2018	11:30	40	60	49	43	33	0.0	0.4	2.7	135	20	96	709
16/12/2018	18:15	40	64	49	41	30	0.0	0.9	4.5	90	20	95	708	17/12/2018	11:45	45	65	55	45	31	0.0	0.4	3.1	135	21	96	709
16/12/2018	18:30	44	69	53	41	29	0.0	0.9	2.2	90	20	96	708	17/12/2018	12:00	43	62	52	45	36	0.0	0.4	2.7	135	21	95	709
16/12/2018	18:45	36	61	45	37	28	0.0	0.9	4.0	90	20	96	708	17/12/2018	12:15	43	55	51	47	36	0.0	0.4	2.7	135	21	93	709
16/12/2018	19:00	43	59	50	45	37	0.0	0.4	3.6	45	20	96	708	17/12/2018	12:30	40	63	48	41	33	0.0	0.4	1.8	113	21	92	709
16/12/2018	19:15	44	61	53	49	33	0.0	0.9	3.6	113	20	95	708	17/12/2018	12:45	38	58	48	40	33	0.0	0.9	4.9	113	22	87	709
16/12/2018	19:30	44	59	54	49	29	0.0	0.9	3.6	113	20	95	708	17/12/2018	13:00	44	56	52	47	36	0.0	0.9	3.6	90	23	85	709
16/12/2018	19:45	36	53	47	36	28	0.0	0.9	4.0	90	20	96	708	17/12/2018	13:15	42	53	50	45	36	0.0	1.3	4.9	113	23	84	709
16/12/2018	20:00	43	59	52	45	33	0.0	0.9	3.6	135	20	95	709	17/12/2018	13:30	45	63	55	48	36	0.0	0.9	3.1	113	24	81	708
16/12/2018	20:15	46	64	55	49	40	0.0	0.9	2.7	90	20	96	709	17/12/2018	13:45	39	53	49	41	35	0.0	0.9	3.1	90	24	81	708
16/12/2018	20:30	40	69	51	36	28	0.8	0.9	4.9	135	20	95	709	17/12/2018	14:00	39	65	47	40	35	0.0	0.9	2.7	90	24	78	708
16/12/2018	20:45	34	56	44	29	27	2.6	1.3	4.9	113	20	95	709	17/12/2018	14:15	46	62	57	50	37	0.0	0.4	2.7	113	24	78	708
16/12/2018	21:00	37	65	44	36	27	0.4	0.4	2.2	113	20	96	709	17/12/2018	14:30	42	60	51	45	35	0.0	0.9	3.6	113	25	77	708
16/12/2018	21:15	44	57	53	46	36	0.2	0.9	3.6	135	20	96	709	17/12/2018	14:45	52	77	61	47	37	0.0	0.4	2.7	113	24	79	708
16/12/2018	21:30	53	66	61	56	45	0.2	0.9	2.7	135	20	96	709	17/12/2018	15:00	47	58	56	52	36	0.0	0.4	3.6	113	23	80	708
16/12/2018	21:45	51	72	56	53	44	2.2	0.4	1.8	68	20	96	709	17/12/2018	15:15	44	66	55	44	36	0.0	0.9	2.7	113	23	80	708
16/12/2018	22:00	49	73	58	50	40	1.2	0.4	3.1	113	20	96	709	17/12/2018	15:30	42	58	53	43	37	0.0	0.4	2.7	113	24	75	708
16/12/2018	22:15																										

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)
17/12/2018	20:30	41	57	44	41	39	0.0	0.9	4.9	90	20	94	710
17/12/2018	20:45	40	48	41	40	39	0.0	0.9	4.9	90	19	94	710
17/12/2018	21:00	40	58	47	40	37	0.0	0.9	3.6	90	19	94	710
17/12/2018	21:15	40	57	42	40	38	0.2	1.3	4.0	90	19	95	710
17/12/2018	21:30	40	48	43	40	39	0.0	1.3	5.4	68	19	95	710
17/12/2018	21:45	39	51	43	40	38	0.0	1.8	5.8	90	19	95	710
17/12/2018	22:00	39	55	43	39	38	0.0	1.8	5.8	90	19	95	710
17/12/2018	22:15	39	52	44	39	37	0.0	1.3	5.8	90	19	95	710
17/12/2018	22:30	37	41	39	39	32	0.0	1.8	5.4	90	19	95	710
17/12/2018	22:45	36	59	44	36	31	0.0	1.3	5.4	113	19	95	710
17/12/2018	23:00	38	51	44	38	35	0.2	0.9	2.7	135	19	95	710
17/12/2018	23:15	39	57	43	39	38	0.2	1.8	5.8	90	19	95	710
17/12/2018	23:30	39	53	44	39	37	0.0	2.2	6.7	113	19	95	710
17/12/2018	23:45	38	61	46	37	34	0.0	1.8	6.7	90	19	95	709
18/12/2018	0:00	37	49	40	38	36	0.2	1.8	6.7	90	19	95	709
18/12/2018	0:15	38	46	41	39	37	0.0	1.8	6.3	113	19	95	709
18/12/2018	0:30	39	49	42	39	38	0.0	1.8	6.3	90	19	95	709
18/12/2018	0:45	38	44	40	39	37	0.0	1.8	5.8	68	19	95	709
18/12/2018	1:00	38	49	40	39	37	0.0	1.3	4.0	113	19	96	709
18/12/2018	1:15	38	50	39	38	37	0.2	0.9	3.6	90	19	96	709
18/12/2018	1:30	38	50	40	38	36	0.2	1.3	6.7	90	19	95	709
18/12/2018	1:45	38	52	40	38	37	0.0	1.8	7.6	90	19	95	709
18/12/2018	2:00	39	52	45	39	36	0.0	1.8	4.9	90	19	95	709
18/12/2018	2:15	35	46	39	37	33	0.0	1.8	5.8	90	18	95	708
18/12/2018	2:30	36	50	39	37	33	0.0	1.8	5.4	90	18	96	709
18/12/2018	2:45	37	49	40	37	35	0.0	1.3	4.9	90	18	96	709
18/12/2018	3:00	37	40	39	38	36	0.2	1.8	4.9	90	18	96	709
18/12/2018	3:15	38	44	40	38	37	0.0	1.8	4.9	90	18	95	708
18/12/2018	3:30	38	45	43	39	37	0.0	1.3	5.4	90	18	96	709
18/12/2018	3:45	38	45	41	39	37	0.0	1.8	4.9	113	18	95	709
18/12/2018	4:00	40	50	46	41	38	0.0	1.8	5.4	113	18	96	709
18/12/2018	4:15	42	50	49	44	39	0.2	1.8	4.9	90	18	96	709
18/12/2018	4:30	46	64	54	50	41	0.0	1.3	4.5	90	18	96	709
18/12/2018	4:45	44	55	53	46	41	0.0	1.3	4.0	90	18	96	709
18/12/2018	5:00	47	64	58	48	42	0.0	1.3	4.0	68	18	96	709
18/12/2018	5:15	44	54	50	45	42	0.0	1.3	3.1	68	18	96	709
18/12/2018	5:30	45	59	53	47	42	0.0	1.3	4.0	90	18	96	709
18/12/2018	5:45	47	62	57	48	42	0.0	1.8	4.9	113	18	96	710
18/12/2018	6:00	56	83	59	50	42	0.0	1.3	6.3	113	19	96	710
18/12/2018	6:15	45	59	56	47	42	0.2	1.3	4.9	90	19	96	710
18/12/2018	6:30	44	67	51	43	41	0.0	1.3	5.8	113	19	96	710
18/12/2018	6:45	47	72	57	46	42	0.0	1.3	3.6	68	19	96	710
18/12/2018	7:00	52	72	65	52	42	0.0	1.8	4.5	90	19	96	710
18/12/2018	7:15	52	71	64	54	42	0.0	1.8	8.9	90	19	96	710
18/12/2018	7:30	47	66	57	50	41	0.0	1.3	4.0	90	19	96	710
18/12/2018	7:45	43	61	53	45	39	0.0	1.3	4.9	90	19	96	711
18/12/2018	8:00	42	59	50	44	39	0.0	1.8	5.8	113	19	96	711
18/12/2018	8:15	41	54	49	44	38	0.2	0.9	4.0	90	19	96	711
18/12/2018	8:30	45	66	57	45	37	0.0	1.3	4.9	113	19	96	711
18/12/2018	8:45	43	61	55	45	37	0.0	1.3	5.8	90	19	96	711
18/12/2018	9:00	39	54	49	41	34	0.0	1.3	5.4	90	20	96	711
18/12/2018	9:15	44	65	55	45	37	0.0	1.3	4.0	113	20	96	711
18/12/2018	9:30	41	65	50	43	36	0.0	0.9	3.6	90	20	96	711
18/12/2018	9:45	48	68	59	50	36	0.0	0.9	2.7	90	20	96	711
18/12/2018	10:00	42	64	52	43	35	0.0	1.3	4.0	90	20	96	711
18/12/2018	10:15	42	57	55	44	34	0.0	1.3	5.4	90	20	96	711
18/12/2018	10:30	43	55	53	47	34	0.0	1.3	5.8	113	20	95	711
18/12/2018	10:45	46	67	55	49	35	0.0	0.9	4.0	113	21	93	711
18/12/2018	11:00	43	58	53	47	33	0.0	0.9	4.5	113	21	92	711
18/12/2018	11:15	42	64	51	45	32	0.0	0.9	3.1	90	21	88	711
18/12/2018	11:30	40	55	51	43	32	0.0	0.9	3.1	113	22	86	711
18/12/2018	11:45	40	62	50	37	32	0.0	0.9	3.1	113	22	84	711
18/12/2018	12:00	39	60	50	41	31	0.0	0.9	3.6	135	23	84	711
18/12/2018	12:15	46	72	55	49	33	0.0	0.9	5.8	113	23	80	710
18/12/2018	12:30	41	55	52	43	33	0.0	0.9	4.5	90	23	79	710

Noise Monitoring Data Sheet

Inland Rail

SITE ID

G2H-10

From	Monday 10/12/2018 11:15	Meas. Type	Free Field	Package	Gowrie to Helidon
To	Tuesday 18/12/2018 11:30	Mic. Height (m)	1.8	Address	80 Ashlands Drive
Instrument Type	01 dB DUO	Weather Station	No	Suburb	Helidon Spa
Instrument Serial #	12609	Operator	JR/BR	Land Use	Residential
Inst. Cal. Date	10/12/2018	Sample Int.	15 min	Latitude	27°31'42.12"S
Pre Calibration	94.3	RP Lot#	8/RP201821	Longitude	152° 5'6.05"E
Post Calibration	93.7				

Daytime

RBL **33.7 dB(A)**

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

ABLs Day (Sat 8 am - 1 pm)

Monday 10/12/2018	33.4	dB(A)
Tuesday 11/12/2018	33.9	dB(A)
Wednesday 12/12/2018	34.0	dB(A)
Thursday 13/12/2018	31.0	dB(A)
Friday 14/12/2018	32.0	dB(A)
Saturday 15/12/2018	32.0	dB(A)
Monday 17/12/2018	34.9	dB(A)
Tuesday 18/12/2018	33.9	dB(A)

Evening

RBL **31.4 dB(A)**

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

ABLs Evening (Sat 1 pm - 10 pm)

ABLs Evening (Sun 7 am - 10 pm)

Monday 10/12/2018	29.7	dB(A)
Tuesday 11/12/2018	28.1	dB(A)
Wednesday 12/12/2018	28.8	dB(A)
Thursday 13/12/2018	29.8	dB(A)
Friday 14/12/2018	32.9	dB(A)
Saturday 15/12/2018	33.5	dB(A)
Sunday 16/12/2018	34.3	dB(A)
Monday 17/12/2018	38.7	dB(A)

Night

RBL **29.2 dB(A)**

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

ABLs Night (Fri 6pm - 8am)

Monday 10/12/2018	25.8	dB(A)
Tuesday 11/12/2018	24.9	dB(A)
Wednesday 12/12/2018	26.1	dB(A)
Thursday 13/12/2018	29.2	dB(A)
Friday 14/12/2018	31.4	dB(A)
Saturday 15/12/2018	30.1	dB(A)
Sunday 16/12/2018	29.3	dB(A)
Monday 17/12/2018	32.8	dB(A)

Site Diagram - Diagram



Inland Rail

Project:60553814

Future Freight
Integrating Community, Environment and Engineering

Site Attended Measurements Summary

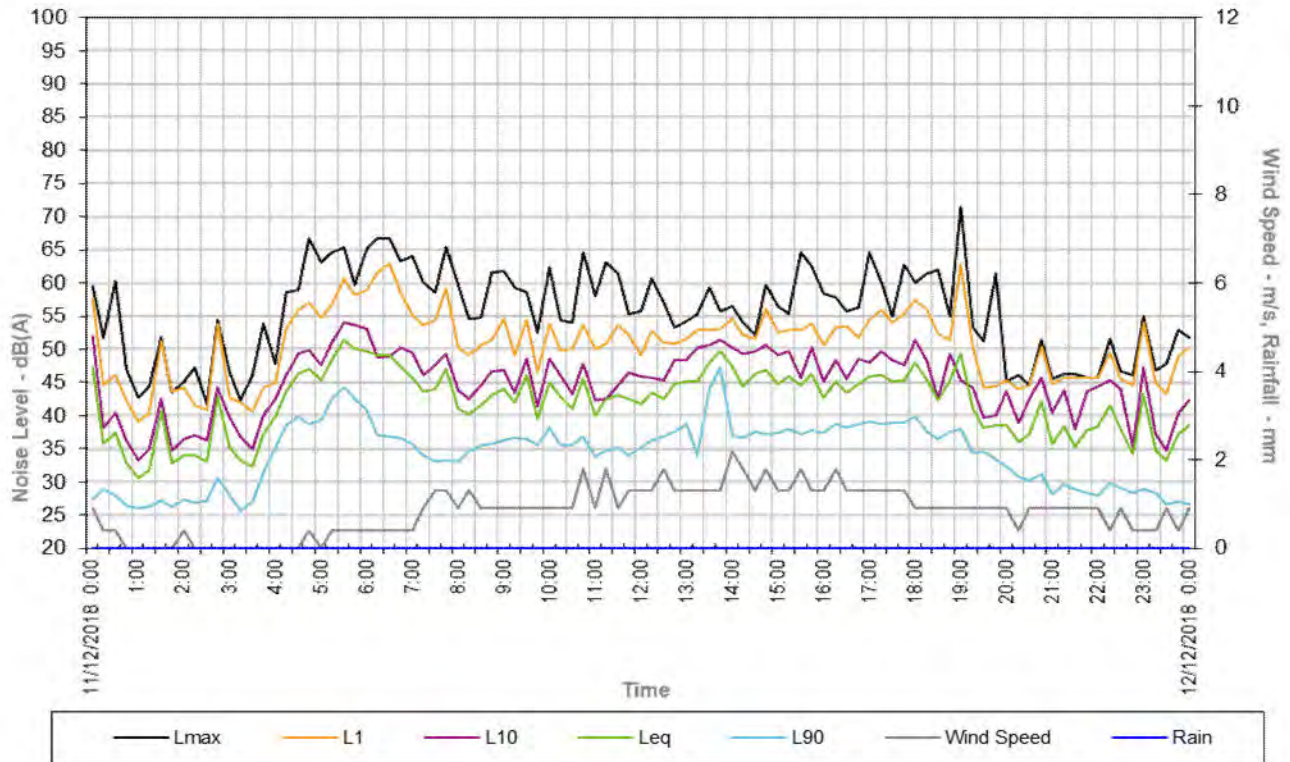
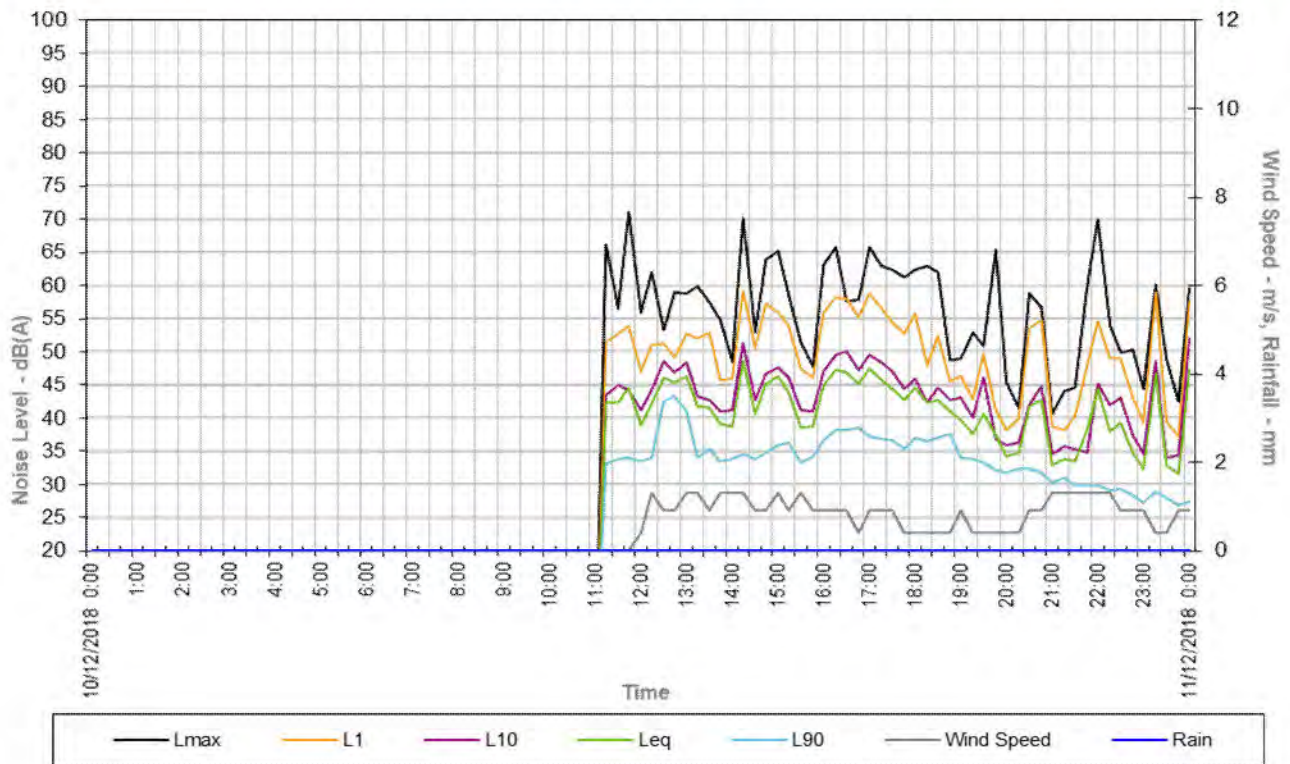
One Attended Measurements Summary								Weather	
Date	Start	Measurement Type	Lmax	L1	L10	L90	Leq	Conditions Comply	End
10/12/2018	11:15 AM	Attended	73.6	50.6	41.8	32.1	43.9	Pass	11:30 AM
		Logged	66.2	51.4	43.4	33.0	42.4		
		Difference	7.4	-0.8	-1.6	-0.9	1.5		
		Comments							
18/12/2018	11:15 AM	Attended	57.0	51.4	43.2	34.2	40.9	Pass	11:30 AM
		Logged	55.6	51.9	43.3	34.0	41.2		
		Difference	1.4	-0.5	-0.1	0.2	-0.3		
		Comments							

Photos



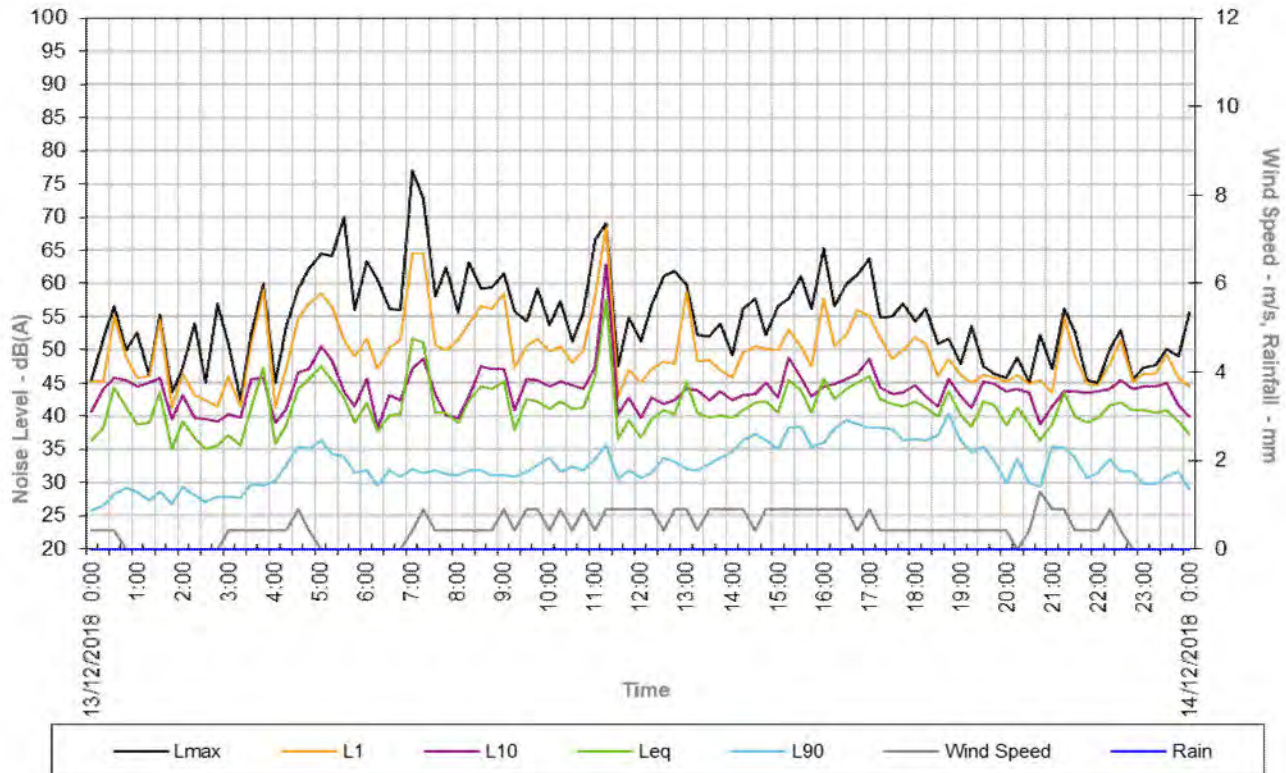
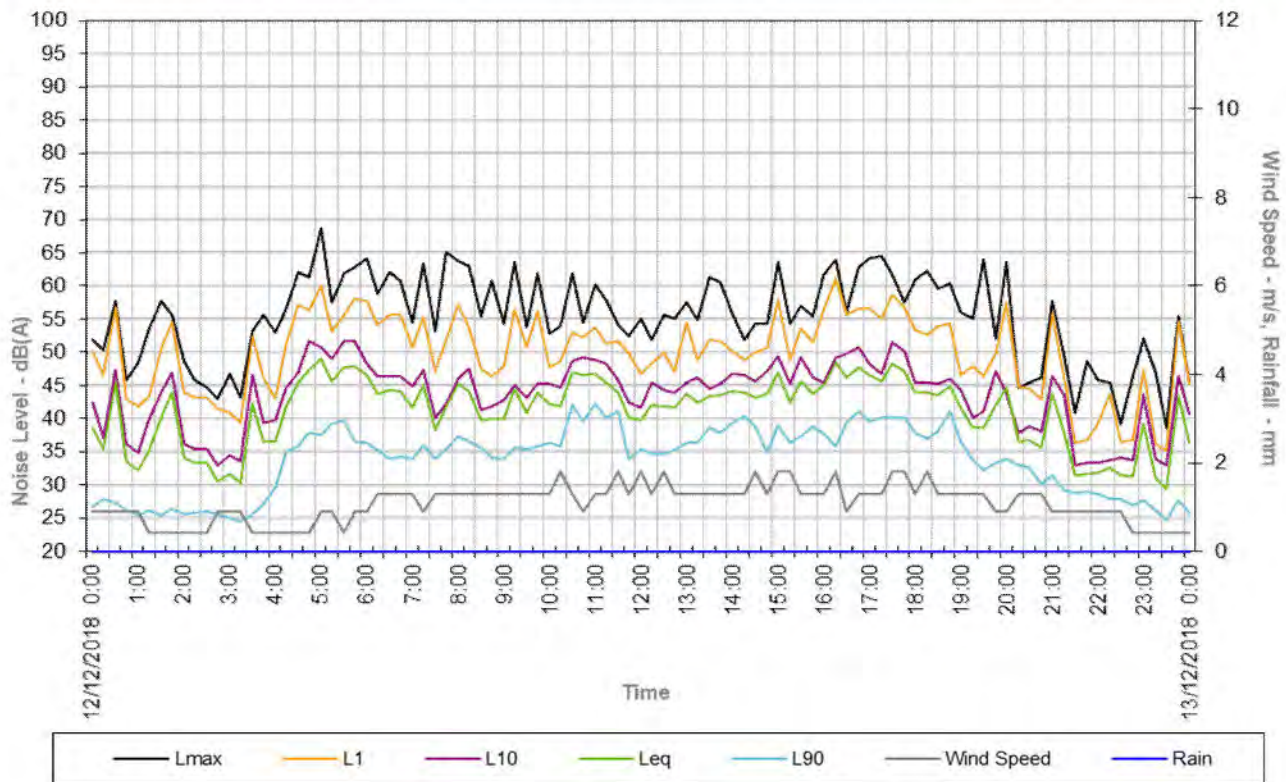
Site Noise and Weather Graphical Analysis

80 Ashlands Drive



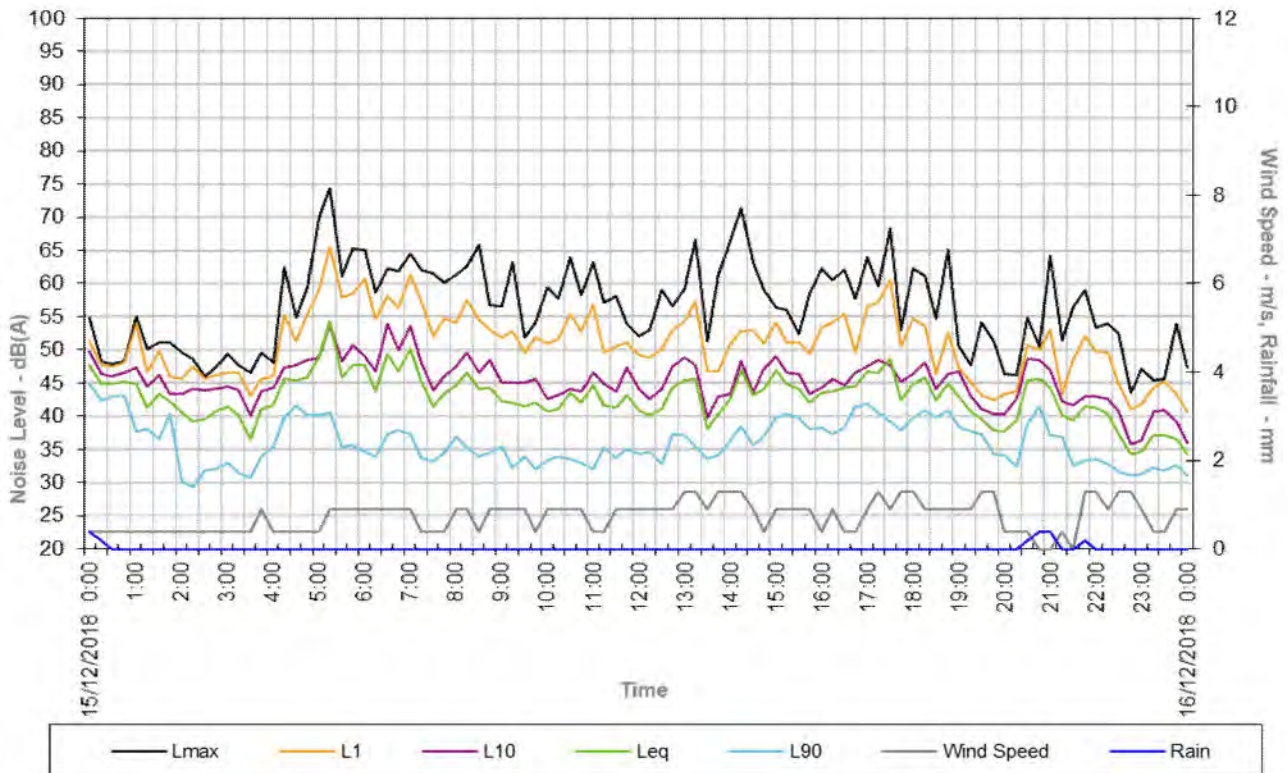
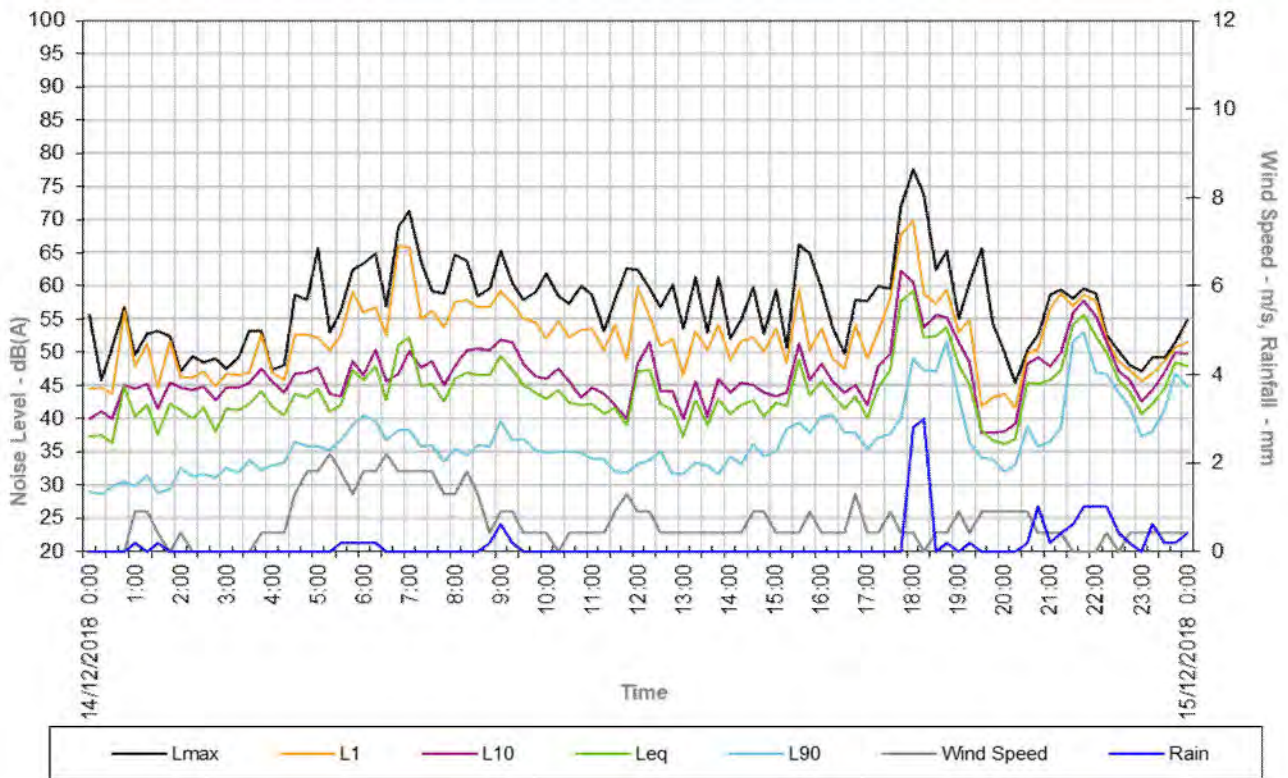
Site Noise and Weather Graphical Analysis

80 Ashlands Drive



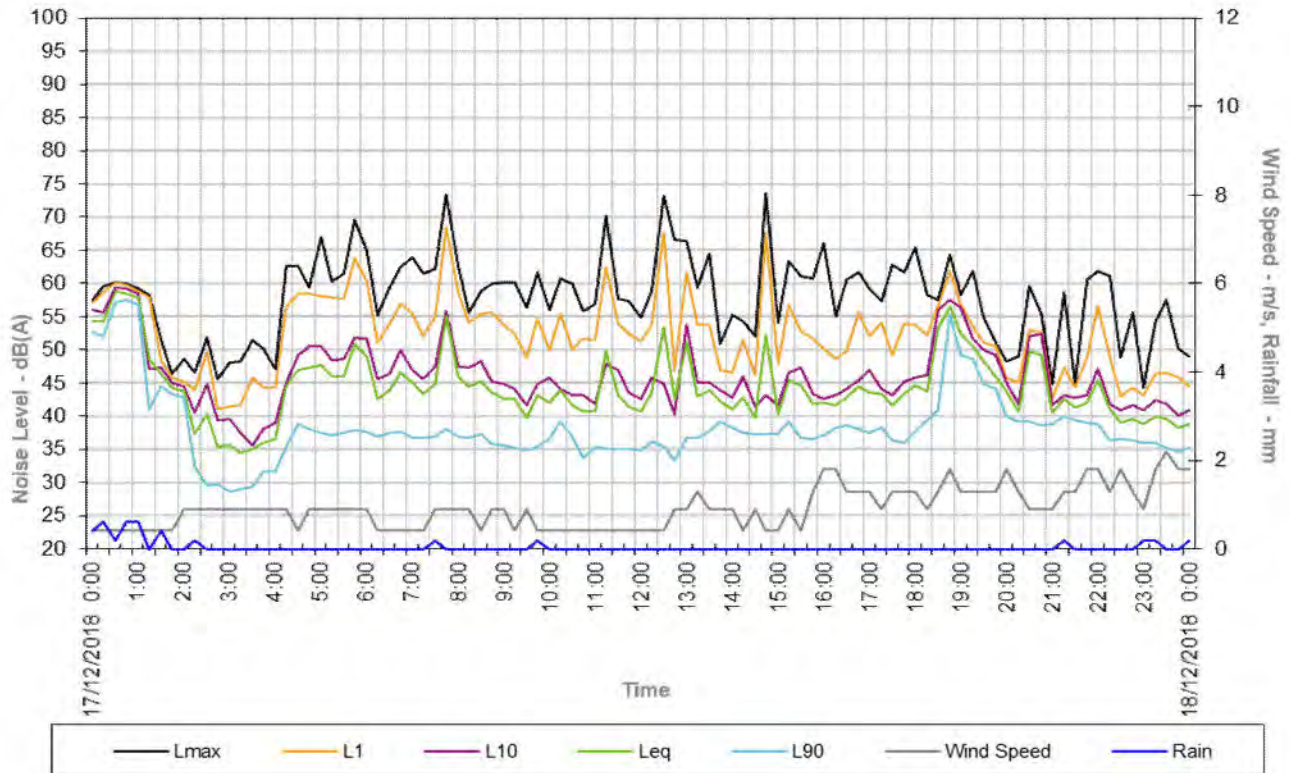
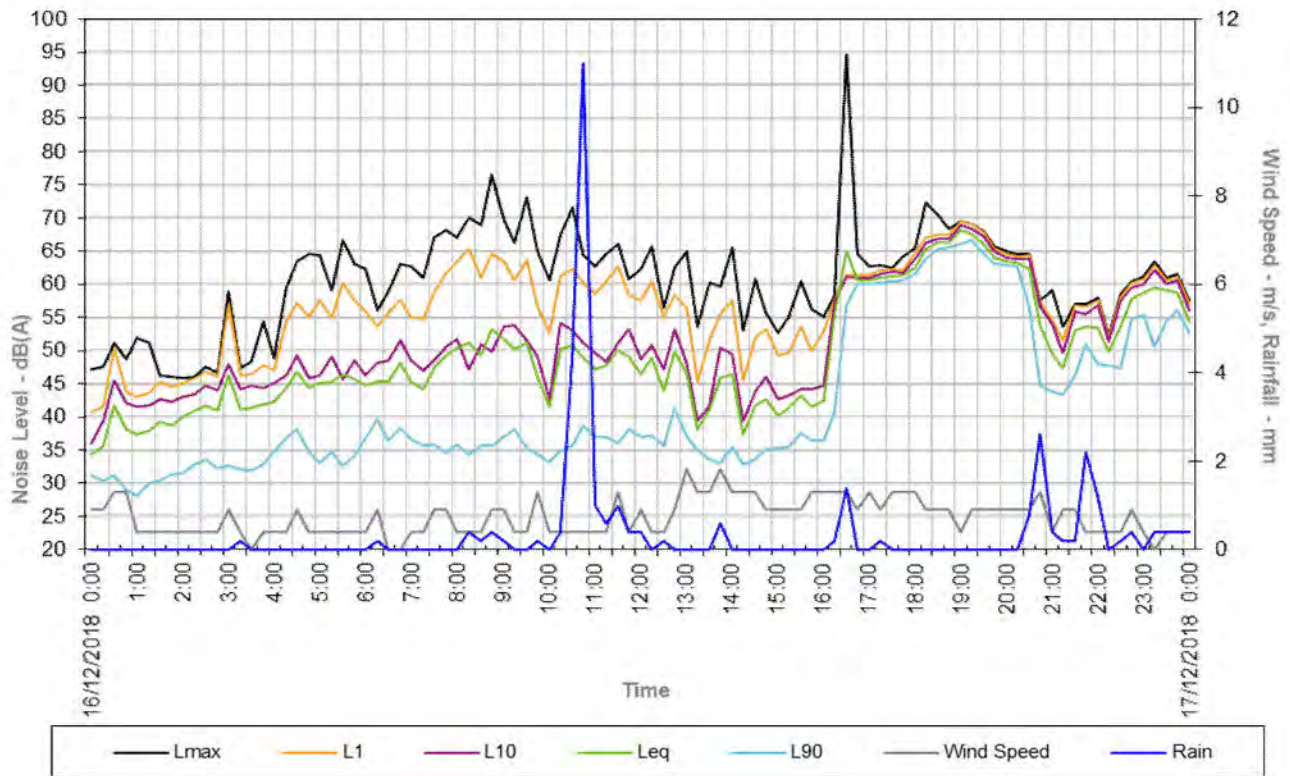
Site Noise and Weather Graphical Analysis

80 Ashlands Drive



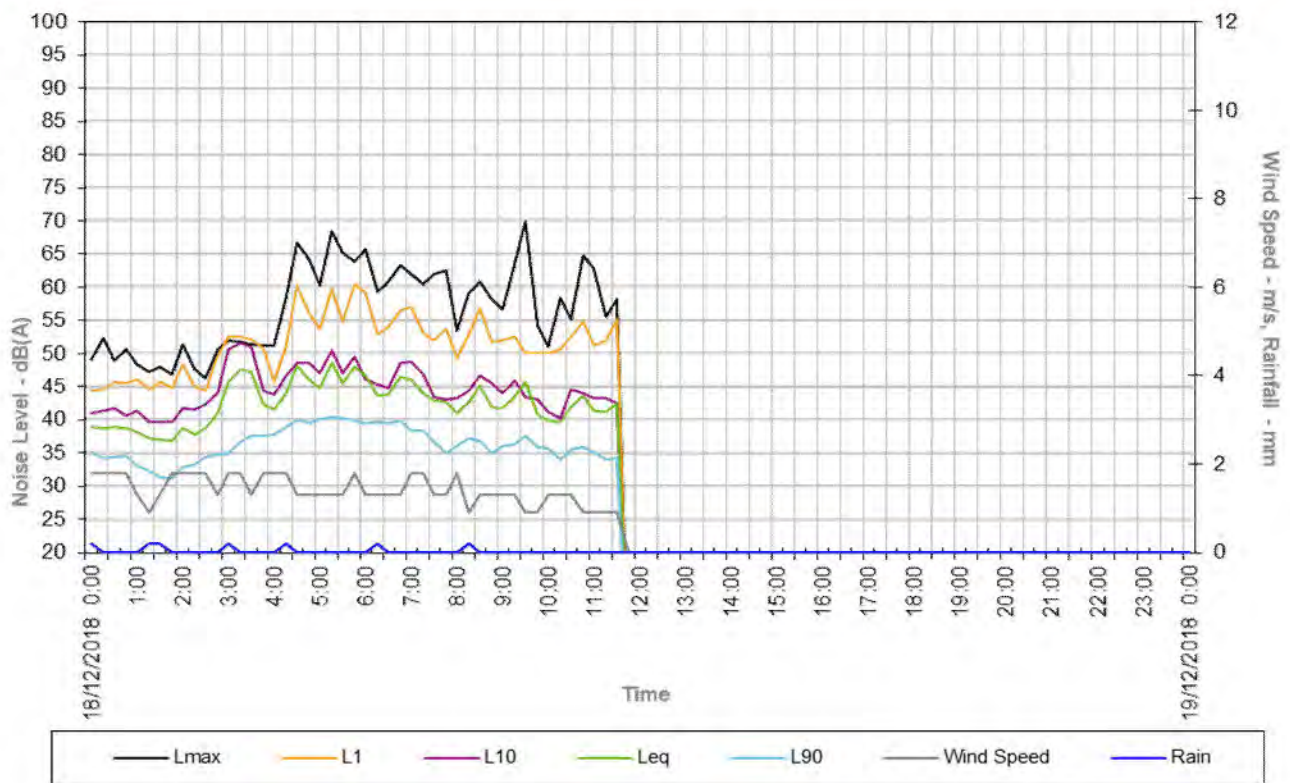
Site Noise and Weather Graphical Analysis

80 Ashlands Drive



Site Noise and Weather Graphical Analysis

80 Ashlands Drive



Logged Noise and Weather Data													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)	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)
10/12/2018	11:15	42	66	51	43	33	0.0	0.0	0.0	0	22	41	713	11/12/2018	4:45	47	67	57	50	39	0.0	0.4	2.2	113	17	93	712
10/12/2018	11:30	42	56	53	45	34	0.0	0.0	0.0	0	22	60	712	11/12/2018	5:00	45	63	55	48	39	0.0	0.0	2.2	113	17	93	712
10/12/2018	11:45	45	71	54	44	34	0.0	0.0	0.0	0	22	84	712	11/12/2018	5:15	48	65	57	51	43	0.0	0.4	2.7	135	17	94	712
10/12/2018	12:00	39	56	47	41	34	0.0	0.4	4.0	90	24	55	712	11/12/2018	5:30	51	65	61	54	44	0.0	0.4	2.2	113	17	94	712
10/12/2018	12:15	42	62	51	44	34	0.0	1.3	4.5	90	26	48	712	11/12/2018	5:45	50	60	58	54	43	0.0	0.4	1.8	113	17	94	713
10/12/2018	12:30	46	53	51	49	43	0.0	0.9	3.1	90	27	46	712	11/12/2018	6:00	50	65	59	53	41	0.0	0.4	2.2	113	17	94	713
10/12/2018	12:45	45	59	49	47	43	0.0	0.9	4.5	90	27	46	712	11/12/2018	6:15	49	67	62	49	37	0.0	0.4	2.2	113	17	94	713
10/12/2018	13:00	46	59	53	48	41	0.0	1.3	4.0	135	28	45	712	11/12/2018	6:30	49	67	63	49	37	0.0	0.4	1.8	113	17	93	713
10/12/2018	13:15	42	60	52	43	34	0.0	1.3	4.0	90	28	44	712	11/12/2018	6:45	47	63	59	50	37	0.0	0.4	2.2	113	18	92	713
10/12/2018	13:30	42	58	53	43	35	0.0	0.9	3.6	135	28	44	712	11/12/2018	7:00	46	64	55	50	36	0.0	0.4	3.1	113	18	88	713
10/12/2018	13:45	39	55	48	41	34	0.0	1.3	4.5	113	28	44	712	11/12/2018	7:15	44	60	54	46	34	0.0	0.9	3.6	90	18	84	713
10/12/2018	14:00	39	49	46	41	34	0.0	1.3	3.6	90	28	43	712	11/12/2018	7:30	44	59	55	46	33	0.0	1.3	3.6	90	19	81	713
10/12/2018	14:15	49	70	59	51	35	0.0	1.3	4.9	113	28	41	711	11/12/2018	7:45	47	65	59	49	33	0.0	1.3	3.6	90	20	78	713
10/12/2018	14:30	41	53	51	43	34	0.0	0.9	5.4	90	28	42	711	11/12/2018	8:00	41	60	50	44	33	0.0	0.9	3.1	135	20	75	713
10/12/2018	14:45	45	64	57	47	35	0.0	0.9	4.9	90	28	43	711	11/12/2018	8:15	40	55	49	43	35	0.0	1.3	3.6	90	21	72	713
10/12/2018	15:00	46	65	56	48	36	0.0	1.3	5.8	135	27	45	711	11/12/2018	8:30	41	55	51	45	36	0.0	0.9	2.7	113	21	72	713
10/12/2018	15:15	44	59	54	48	36	0.0	0.9	4.0	90	27	44	710	11/12/2018	8:45	43	62	51	47	36	0.0	0.9	4.0	113	22	68	714
10/12/2018	15:30	39	51	48	41	33	0.0	1.3	5.4	90	28	43	711	11/12/2018	9:00	44	62	55	47	36	0.0	0.9	3.1	113	22	67	713
10/12/2018	15:45	39	48	46	41	34	0.0	0.9	3.6	113	28	42	710	11/12/2018	9:15	42	59	49	44	37	0.0	0.9	3.1	113	23	66	713
10/12/2018	16:00	45	63	56	47	37	0.0	0.9	2.7	90	28	42	710	11/12/2018	9:30	46	59	55	49	36	0.0	0.9	4.0	113	23	62	713
10/12/2018	16:15	47	66	58	50	38	0.0	0.9	2.7	90	28	43	710	11/12/2018	9:45	40	53	47	41	36	0.0	0.9	3.1	113	24	60	713
10/12/2018	16:30	47	58	58	50	38	0.0	0.9	3.1	90	27	42	710	11/12/2018	10:00	45	62	54	49	38	0.0	0.9	3.1	135	23	61	713
10/12/2018	16:45	45	58	55	47	39	0.0	0.4	2.2	113	28	44	710	11/12/2018	10:15	43	54	50	46	36	0.0	0.9	4.0	90	23	58	713
10/12/2018	17:00	48	66	59	50	37	0.0	0.9	4.9	113	28	42	711	11/12/2018	10:30	41	54	50	43	36	0.0	0.9	5.4	90	24	54	713
10/12/2018	17:15	46	63	57	48	37	0.0	0.9	4.0	135	27	44	711	11/12/2018	10:45	45	65	54	48	37	0.0	1.8	4.9	113	25	54	713
10/12/2018	17:30	44	62	55	47	37	0.0	0.9	3.6	113	27	45	711	11/12/2018	11:00	40	58	50	42	34	0.0	0.9	4.5	90	25	53	713
10/12/2018	17:45	43	61	53	44	35	0.0	0.4	2.7	90	27	46	711	11/12/2018	11:15	43	63	51	43	35	0.0	1.8	4.0	135	25	51	713
10/12/2018	18:00	45	62	56	46	37	0.0	0.4	2.7	90	26	48	711	11/12/2018	11:30	43	61	54	45	35	0.0	0.9	3.6	90	25	50	713
10/12/2018	18:15	42	63	48	42	37	0.0	0.4	2.7	113	25	50	711	11/12/2018	11:45	42	55	52	47	34	0.0	1.3	4.9	90	26	48	713
10/12/2018	18:30	43	62	52	45	37	0.0	0.4	1.8	113	25	52	712	11/12/2018	12:00	42	56	49	46	35	0.0	1.3	4.0	90	26	47	713
10/12/2018	18:45	41	49	46	43	38	0.0	0.4	3.1	135	24	55	712	11/12/2018	12:15	43	61	53	46	36	0.0	1.3	4.9	90	26	48	712
10/12/2018	19:00	40	49	46	43	34	0.0	0.9	4.9	113	24	57	712	11/12/2018	12:30	42	57	51	45	37	0.0	1.8	4.0	90	26	47	712
10/12/2018	19:15	38	53	43	40	34	0.0	0.4	3.8	90	23	60	712	11/12/2018	12:45	45	53	51	48	38	0.0	1.3	4.5	113	27	46	712
10/12/2018	19:30	41	51	50	46	33	0.0	0.4	3.6	90	23	62	712	11/12/2018	13:00	45	54	52	48	39	0.0	1.3	5.4	113	27	45	712
10/12/2018	19:45	37	65	41	37	32	0.0	0.4	4.0	90	22	63	712	11/12/2018	13:15	45	55	53	50	34	0.0	1.3	4.5	90	27	45	712
10/12/2018	20:00	34	45	38	36	32	0.0	0.4	1.8	90	22	65	712	11/12/2018	13:30	48	59	53	51	44	0.0	1.3	4.5	90	27	44	712
10/12/2018	20:15	35	42	40	36	32	0.0	0.4	2.7	135	22	69	712	11/12/2018	13:45	50	56	53	51	47	0.0	1.3	5.4	90	28	44	712
10/12/2018	20:30	42	59	54	42	32	0.0	0.9	4.9	113	21	70	713	11/12/2018	14:00	47	57	55	50	37	0.0	2.2	6.7	135	28	42	712
10/12/2018	20:45	43	57	55	45	32	0.0	0.9	3.6	113	21	70	713	11/12/2018	14:15	44	54	52	49	37	0.0	1.8	4.9	113	28	43	711
10/12/2018	21:00	33	41	39	35	30	0.0	1.3	4.0	113	20	72	713	11/12/2018	14:30	46	52	52	50	38	0.0	1.3	4.9	90	28	44	711
10/12/2018	21:15	34	44	38	36	31	0.0	1.3	4.0	113	20	73	713	11/12/2018	14:45	47	60	56	51	37	0.0	1.8	5.4	90	28	43	711
10/12/2018	21:30	33	45	40	35	30	0.0	1.3	5.4	90	20	75	713	11/12/2018	15:00	45	56	53	49	38	0.0	1.3	4.9	113	28	42	711
10/12/2018	21:45	38	60	48	35	30	0.0	1.3	4.9	113	19	76	713	11/12/2018	15:15	46	55	53	50	38	0.0	1.3	5.8	90	28	42	711
10/12/2018	22:00	44	70	55	45	30	0.0	1.3	4.9	113	19	79	713	11/12/2018	15:30	45	65	53	46	37	0.0	1.8	5.4	90	28	43	711
10/12/2018	22:15	36	54	49	42	29	0.0	1.3	4.0	113	19	80	713	11/12/2018	15:45	48	63	54	50	38	0.0	1.3	4.0	90	28	42	711
10/12/2018	22:30	39	50	49	43	29	0.0	0.9	3.6	113	19	81	713	11/12/2018	16:00	43	58	51	45	38	0.0	1.3	5.8	90	28	43	711
10/12/2018	22:45	35	50	43	38	28	0.0	0.9	3.1	90	18	82	713	11/12/2018	16:15	45	58	53	48	39	0.0	1.8	4.9	113	28	43	711
10/12/2018	23:00	32	44	39	35	27	0.0	0.9	3.6	113	18	83	713	11/12/2018	16:30	44	56	53	48	38	0.0	1.3	5.4	90	27	44	711
10/12/2018	23:15	47	60	59	49	29	0.0	0.4	4.0	90	18	83	713	11/12/2018	16:45	45	56	52	49	39	0.0	1.3	3.6	90	27	45	711
10/12/2018	23:30	33	49	40	34	28	0.0	0.4	1.3	113	18	84	713	11/12/2018	17:00	46	65	54	48	39	0.0	1.3	4.5	113	27	47	711
10/12/2018	23:45	31	42	37	34	27	0.0	0.9	4.0	113	18	86	713	11/12/2018	17:15	46	60	56	50	39	0.0	1.3	4.0	135	27	48	711
11/12/2018	0:00	47	60	58	52																						

Logged Noise and Weather Data													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)	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)
11/12/2018	22:15	42	52	50	45	30	0.0	0.4	2.7	90	19	82	713	12/12/2018	15:45	44	56	51	46	39	0.0	1.3	3.6	90	29	43	709
11/12/2018	22:30	36	47	46	44	29	0.0	0.9	3.1	90	18	83	713	12/12/2018	16:00	45	62	56	46	38	0.0	1.3	4.5	90	29	43	708
11/12/2018	22:45	34	46	45	35	28	0.0	0.4	2.7	90	18	84	713	12/12/2018	16:15	48	64	61	49	36	0.0	1.8	5.8	113	29	43	708
11/12/2018	23:00	43	55	54	47	29	0.0	0.4	2.2	113	18	84	713	12/12/2018	16:30	46	56	56	50	39	0.0	0.9	4.9	90	28	44	708
11/12/2018	23:15	35	47	45	37	28	0.0	0.4	2.7	113	18	85	713	12/12/2018	16:45	48	63	57	51	41	0.0	1.3	4.0	135	28	45	708
11/12/2018	23:30	33	48	43	35	27	0.0	0.9	2.7	113	18	85	713	12/12/2018	17:00	47	64	57	48	40	0.0	1.3	3.6	113	27	46	708
11/12/2018	23:45	37	53	49	41	27	0.0	0.4	2.2	90	18	85	713	12/12/2018	17:15	46	65	55	47	40	0.0	1.3	4.9	113	27	48	709
12/12/2018	0:00	39	52	50	42	27	0.0	0.9	2.2	90	18	86	712	12/12/2018	17:30	48	62	59	51	40	0.0	1.8	6.3	113	26	49	709
12/12/2018	0:15	35	50	47	37	28	0.0	0.9	4.0	90	18	87	712	12/12/2018	17:45	47	58	57	50	40	0.0	1.8	6.7	90	26	51	709
12/12/2018	0:30	45	58	57	47	27	0.0	0.9	4.0	90	18	88	712	12/12/2018	18:00	44	61	53	45	38	0.0	1.3	4.9	90	26	54	709
12/12/2018	0:45	33	46	43	36	26	0.0	0.9	4.0	90	18	89	712	12/12/2018	18:15	44	62	53	45	37	0.0	1.8	4.9	113	25	56	709
12/12/2018	1:00	32	48	42	35	25	0.0	0.9	3.1	90	18	89	712	12/12/2018	18:30	44	60	54	45	38	0.0	1.3	4.9	113	24	58	709
12/12/2018	1:15	35	53	43	40	26	0.0	0.4	2.7	90	18	89	712	12/12/2018	18:45	45	60	54	46	41	0.0	1.3	4.9	90	24	60	709
12/12/2018	1:30	40	58	51	44	25	0.0	0.4	2.7	113	18	89	712	12/12/2018	19:00	42	56	47	44	37	0.0	1.3	6.3	90	23	62	709
12/12/2018	1:45	44	56	55	47	26	0.0	0.4	2.2	90	18	89	711	12/12/2018	19:15	39	55	48	40	34	0.0	1.3	6.3	90	23	64	710
12/12/2018	2:00	34	49	44	36	26	0.0	0.4	2.7	113	18	90	712	12/12/2018	19:30	39	64	46	41	32	0.0	1.3	4.9	90	22	66	710
12/12/2018	2:15	33	46	43	35	26	0.0	0.4	1.8	90	17	90	712	12/12/2018	19:45	42	52	50	47	33	0.0	0.9	3.1	90	22	68	710
12/12/2018	2:30	33	45	43	35	26	0.0	0.4	1.8	113	17	91	711	12/12/2018	20:00	45	63	56	44	34	0.0	0.9	3.6	90	22	68	709
12/12/2018	2:45	31	43	41	33	26	0.0	0.9	1.8	90	17	91	711	12/12/2018	20:15	37	45	45	38	33	0.0	1.3	4.9	90	21	70	710
12/12/2018	3:00	32	47	41	34	25	0.0	0.9	3.1	90	17	92	711	12/12/2018	20:30	37	45	45	39	33	0.0	1.3	6.7	113	21	72	710
12/12/2018	3:15	30	43	39	34	25	0.0	0.9	2.7	90	17	92	711	12/12/2018	20:45	36	46	43	38	30	0.0	1.3	6.3	90	20	74	710
12/12/2018	3:30	42	53	52	47	26	0.0	0.4	2.2	90	17	93	711	12/12/2018	21:00	44	58	56	46	31	0.0	0.9	6.3	90	20	76	710
12/12/2018	3:45	37	56	46	39	27	0.0	0.4	1.8	90	17	93	711	12/12/2018	21:15	38	49	46	44	29	0.0	0.9	4.9	113	20	78	710
12/12/2018	4:00	37	53	43	40	30	0.0	0.4	2.7	113	17	93	711	12/12/2018	21:30	31	41	36	33	29	0.0	0.9	3.1	90	20	80	710
12/12/2018	4:15	42	57	51	45	35	0.0	0.4	0.9	90	17	93	711	12/12/2018	21:45	32	49	37	33	29	0.0	0.9	4.0	90	19	80	710
12/12/2018	4:30	46	62	57	47	36	0.0	0.4	1.8	90	17	94	711	12/12/2018	22:00	32	46	39	33	29	0.0	0.9	3.1	90	19	82	710
12/12/2018	4:45	47	61	56	52	38	0.0	0.4	2.7	90	17	94	711	12/12/2018	22:15	33	45	44	34	28	0.0	0.9	3.1	90	19	83	710
12/12/2018	5:00	49	69	60	51	38	0.0	0.9	2.2	90	17	94	711	12/12/2018	22:30	31	39	37	34	28	0.0	0.9	3.1	113	19	84	710
12/12/2018	5:15	46	57	53	49	39	0.0	0.9	2.7	90	17	94	711	12/12/2018	22:45	31	46	37	34	27	0.0	0.4	2.2	113	19	85	710
12/12/2018	5:30	48	62	56	52	40	0.0	0.4	3.1	90	17	94	711	12/12/2018	23:00	39	52	47	44	28	0.0	0.4	2.2	113	19	85	710
12/12/2018	5:45	48	63	58	52	37	0.0	0.9	2.7	90	17	94	711	12/12/2018	23:15	31	47	36	34	26	0.0	0.4	2.7	135	18	86	710
12/12/2018	6:00	47	64	58	48	36	0.0	0.9	3.1	90	17	94	711	12/12/2018	23:30	29	39	35	33	25	0.0	0.4	2.2	113	18	86	710
12/12/2018	6:15	44	59	54	46	35	0.0	1.3	3.6	90	17	94	711	12/12/2018	23:45	43	55	55	46	28	0.0	0.4	2.2	90	18	86	710
12/12/2018	6:30	44	62	56	46	34	0.0	1.3	3.1	68	17	94	711	13/12/2018	0:00	36	45	45	41	26	0.0	0.4	1.8	90	18	86	710
12/12/2018	6:45	44	61	56	46	34	0.0	1.3	2.7	90	17	94	711	13/12/2018	0:15	38	52	45	44	27	0.0	0.4	2.2	90	18	86	709
12/12/2018	7:00	42	54	51	45	34	0.0	1.3	3.6	68	17	94	712	13/12/2018	0:30	44	57	55	46	28	0.0	0.4	0.9	90	18	87	709
12/12/2018	7:15	45	63	55	47	36	0.0	0.9	3.6	90	17	94	712	13/12/2018	0:45	41	50	49	46	29	0.0	0.0	1.3	90	18	87	709
12/12/2018	7:30	38	53	47	40	34	0.0	1.3	2.7	80	18	90	712	13/12/2018	1:00	39	53	46	45	29	0.0	0.0	0.9	90	18	87	709
12/12/2018	7:45	42	65	52	42	35	0.0	1.3	4.9	90	19	83	712	13/12/2018	1:15	39	46	46	45	27	0.0	0.0	0.4	90	18	87	709
12/12/2018	8:00	45	64	57	46	37	0.0	1.3	4.0	90	20	76	712	13/12/2018	1:30	44	55	55	46	29	0.0	0.0	0.4	90	18	87	709
12/12/2018	8:15	44	63	54	48	37	0.0	1.3	6.3	90	21	72	712	13/12/2018	1:45	35	44	41	40	27	0.0	0.0	0.9	90	18	87	709
12/12/2018	8:30	40	55	48	41	36	0.0	1.3	4.0	90	21	72	712	13/12/2018	2:00	39	47	46	43	29	0.0	0.0	0.4	90	18	87	709
12/12/2018	8:45	40	61	46	42	34	0.0	1.3	4.0	90	22	68	712	13/12/2018	2:15	37	54	43	40	28	0.0	0.0	0.9	90	18	87	709
12/12/2018	9:00	40	54	48	43	34	0.0	1.3	4.5	90	22	67	712	13/12/2018	2:30	35	45	42	40	27	0.0	0.0	0.4	90	18	87	709
12/12/2018	9:15	45	64	56	45	36	0.0	1.3	4.5	113	22	65	712	13/12/2018	2:45	36	57	42	39	28	0.0	0.0	0.4	90	18	87	708
12/12/2018	9:30	41	54	51	43	36	0.0	1.3	3.6	135	23	61	712	13/12/2018	3:00	37	51	46	40	28	0.0	0.4	1.3	90	18	88	708
12/12/2018	9:45	44	62	56	45	36	0.0	1.3	5.8	113	23	61	712	13/12/2018	3:15	36	42	42	40	28	0.0	0.4	1.3	90	18	89	708
12/12/2018	10:00	42	53	48	45	36	0.0	1.3	4.9	90	24	58	712	13/12/2018	3:30	41	52	51	46	30	0.0	0.4	1.3	90	17	89	708
12/12/2018	10:15	42	54	49	45	36	0.0	1.8	4.0	113	24	55	712	13/12/2018	3:45	47	60	59	46	30	0.0	0.4	1.8	90	17	90	708
12/12/2018	10:30	47	62	53	49	42	0.0	1.3	4.0	135	24	55	712	13/12/2018	4:00	36	45	41	39	30	0.0	0.4	1.3	90	17	90	708
12/12/2018	10:45	47	55	52	49	40	0.0	0.9	4.5	113	25	55	711	13/12/2018	4:15	39	54	47	41	33	0.0	0.4	3.1	90	17	91	708
12/12/2018	11:00	47	60	54	49	42	0.0	1.3	5.4	90	25	53	711														

Logged Noise and Weather Data														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)	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)
13/12/2018	9:15	38	56	47	41	31	0.0	0.4	2.7	90	23	61	709	14/12/2018	2:45	38	49	45	43	31	0.0	0.0	0.4	248	20	87	705
13/12/2018	9:30	43	54	51	46	32	0.0	0.9	3.6	23	23	61	709	14/12/2018	3:00	42	47	47	45	33	0.0	0.0	0.9	248	20	87	705
13/12/2018	9:45	42	59	52	45	33	0.0	0.9	4.0	338	24	60	708	14/12/2018	3:15	41	49	47	45	32	0.0	0.0	1.8	248	20	87	705
13/12/2018	10:00	41	54	50	45	34	0.0	0.4	2.2	0	24	60	708	14/12/2018	3:30	42	53	47	45	34	0.0	0.0	0.4	270	20	88	705
13/12/2018	10:15	42	57	51	45	32	0.0	0.9	2.7	0	25	57	708	14/12/2018	3:45	44	53	53	48	32	0.0	0.4	2.2	293	20	88	705
13/12/2018	10:30	41	51	48	45	32	0.0	0.4	2.2	0	26	54	708	14/12/2018	4:00	42	47	47	46	33	0.0	0.4	3.1	293	20	88	705
13/12/2018	10:45	41	58	50	44	32	0.0	0.9	4.0	113	26	50	708	14/12/2018	4:15	41	48	46	44	33	0.0	0.4	3.1	293	20	89	706
13/12/2018	11:00	46	67	58	48	34	0.0	0.4	2.2	45	27	51	708	14/12/2018	4:30	44	59	53	47	37	0.2	1.3	4.0	293	20	89	705
13/12/2018	11:15	57	89	89	83	36	0.0	0.9	3.1	23	28	46	708	14/12/2018	4:45	43	58	53	47	36	0.0	1.8	5.4	293	20	89	705
13/12/2018	11:30	37	48	43	40	31	0.0	0.9	2.7	0	28	46	707	14/12/2018	5:00	44	66	52	48	36	0.0	1.8	5.8	293	20	90	705
13/12/2018	11:45	39	55	47	43	32	0.0	0.9	3.6	0	29	44	707	14/12/2018	5:15	41	53	50	44	35	0.0	2.2	5.8	293	20	90	705
13/12/2018	12:00	37	51	45	40	31	0.0	0.9	2.7	0	30	43	707	14/12/2018	5:30	42	56	53	43	37	0.2	1.8	4.9	293	20	91	706
13/12/2018	12:15	40	57	47	43	31	0.0	0.9	2.7	0	30	42	707	14/12/2018	5:45	47	62	59	49	39	0.2	1.3	3.6	293	19	90	706
13/12/2018	12:30	41	61	48	42	34	0.0	0.4	2.7	90	30	42	706	14/12/2018	6:00	46	63	56	47	41	0.2	1.8	3.8	293	19	91	706
13/12/2018	12:45	40	62	48	43	33	0.0	0.9	2.7	45	30	42	706	14/12/2018	6:15	48	65	57	50	40	0.2	1.8	5.8	293	19	90	706
13/12/2018	13:00	45	60	59	44	32	0.0	0.9	3.6	23	30	42	706	14/12/2018	6:30	43	57	53	46	37	0.0	2.2	5.4	293	19	92	706
13/12/2018	13:15	40	52	48	44	32	0.0	0.4	2.7	23	30	41	706	14/12/2018	6:45	51	69	66	47	38	0.0	1.8	4.9	293	19	91	706
13/12/2018	13:30	40	52	48	42	33	0.0	0.9	2.2	293	31	37	706	14/12/2018	7:00	52	71	66	50	36	0.0	1.8	4.0	270	19	92	706
13/12/2018	13:45	40	54	47	44	34	0.0	0.9	3.1	45	32	36	705	14/12/2018	7:15	45	64	55	48	36	0.0	1.8	3.6	270	19	92	706
13/12/2018	14:00	40	49	46	43	35	0.0	0.9	2.7	90	32	36	705	14/12/2018	7:30	45	59	56	49	36	0.0	1.8	3.6	293	19	92	706
13/12/2018	14:15	41	56	50	43	36	0.0	0.9	2.7	0	32	36	705	14/12/2018	7:45	43	59	54	45	34	0.0	1.3	2.7	270	19	91	706
13/12/2018	14:30	42	58	51	43	37	0.0	0.4	2.7	0	32	37	705	14/12/2018	8:00	46	65	58	48	35	0.0	1.3	3.6	270	19	90	705
13/12/2018	14:45	42	52	50	45	36	0.0	0.9	3.1	338	32	34	704	14/12/2018	8:15	47	64	58	50	35	0.0	1.8	4.9	293	19	90	706
13/12/2018	15:00	41	57	50	43	35	0.0	0.9	3.1	135	33	34	704	14/12/2018	8:30	47	59	57	51	36	0.0	1.3	4.9	270	20	89	706
13/12/2018	15:15	45	58	53	49	38	0.0	0.9	3.6	0	33	32	704	14/12/2018	8:45	47	60	57	50	36	0.2	0.4	2.2	90	20	85	706
13/12/2018	15:30	44	61	51	46	38	0.0	0.9	4.5	23	33	34	704	14/12/2018	9:00	49	65	59	52	40	0.6	0.9	1.8	90	19	87	705
13/12/2018	15:45	40	56	48	43	36	0.0	0.9	2.2	23	32	35	704	14/12/2018	9:15	47	60	57	51	37	0.2	0.9	1.8	90	19	90	705
13/12/2018	16:00	46	65	58	45	36	0.0	0.9	2.7	0	32	36	704	14/12/2018	9:30	45	58	55	48	37	0.0	0.4	1.8	225	20	89	706
13/12/2018	16:15	43	57	51	45	38	0.0	0.9	3.1	0	31	38	704	14/12/2018	9:45	44	59	55	46	35	0.0	0.4	1.8	113	20	87	706
13/12/2018	16:30	44	60	52	46	39	0.0	0.9	2.7	88	30	41	704	14/12/2018	10:00	43	62	52	46	35	0.0	0.4	1.8	315	21	83	706
13/12/2018	16:45	45	61	56	46	39	0.0	0.4	2.7	135	29	41	704	14/12/2018	10:15	44	59	55	48	35	0.0	0.0	1.8	315	23	81	706
13/12/2018	17:00	46	64	55	49	38	0.0	0.9	2.7	23	28	43	704	14/12/2018	10:30	43	57	52	46	35	0.0	0.4	2.2	135	24	74	705
13/12/2018	17:15	43	55	52	44	38	0.0	0.4	2.2	23	28	45	705	14/12/2018	10:45	42	60	53	43	35	0.0	0.4	1.8	113	24	73	705
13/12/2018	17:30	42	55	49	43	38	0.0	0.4	2.7	23	27	46	705	14/12/2018	11:00	42	59	54	45	34	0.0	0.4	2.2	23	25	69	705
13/12/2018	17:45	41	57	50	44	36	0.0	0.4	2.2	23	27	47	705	14/12/2018	11:15	41	53	50	44	34	0.0	0.4	2.2	23	26	66	705
13/12/2018	18:00	42	54	52	45	37	0.0	0.4	2.7	45	28	48	705	14/12/2018	11:30	42	58	54	42	32	0.0	0.9	2.7	23	27	64	705
13/12/2018	18:15	41	56	51	43	38	0.0	0.4	2.7	0	26	49	706	14/12/2018	11:45	39	63	49	40	32	0.0	1.3	3.6	23	28	61	705
13/12/2018	18:30	40	51	46	41	37	0.0	0.4	2.2	338	28	51	708	14/12/2018	12:00	47	62	60	48	33	0.0	0.9	3.1	0	29	60	705
13/12/2018	18:45	44	52	49	46	40	0.0	0.4	2.7	0	26	53	706	14/12/2018	12:15	47	60	55	52	34	0.0	0.9	3.1	23	30	59	705
13/12/2018	19:00	40	48	46	43	36	0.0	0.4	1.8	23	25	54	706	14/12/2018	12:30	42	57	51	44	35	0.0	0.4	3.1	23	29	57	706
13/12/2018	19:15	38	53	45	41	34	0.0	0.4	3.1	90	25	56	706	14/12/2018	12:45	41	60	52	44	32	0.0	0.4	2.2	338	30	57	704
13/12/2018	19:30	42	48	46	45	35	0.0	0.4	2.2	90	25	57	706	14/12/2018	13:00	37	54	47	40	32	0.0	0.4	3.1	135	29	60	704
13/12/2018	19:45	42	46	46	45	33	0.0	0.4	1.3	23	25	58	706	14/12/2018	13:15	43	61	53	46	33	0.0	0.4	3.1	135	28	60	704
13/12/2018	20:00	39	46	45	44	30	0.0	0.4	1.8	23	25	58	706	14/12/2018	13:30	39	53	50	40	33	0.0	0.4	2.2	0	28	60	704
13/12/2018	20:15	41	49	46	44	34	0.0	0.0	1.8	0	24	57	706	14/12/2018	13:45	43	61	54	46	32	0.0	0.4	3.6	113	29	60	704
13/12/2018	20:30	39	45	45	44	30	0.0	0.4	2.2	23	24	57	706	14/12/2018	14:00	41	52	49	44	34	0.0	0.4	2.2	113	29	58	704
13/12/2018	20:45	36	52	45	39	29	0.0	1.3	4.9	225	24	70	707	14/12/2018	14:15	42	55	52	46	33	0.0	0.4	2.7	113	29	58	704
13/12/2018	21:00	39	47	44	41	36	0.0	0.9	3.1	225	23	75	707	14/12/2018	14:30	43	60	52	45	36	0.0	0.9	3.1	113	29	52	704
13/12/2018	21:15	43	56	55	44	35	0.0	0.9	2.2	248	22	78	706	14/12/2018	14:45	40	53	50	44	34	0.0	0.9	3.1	113	31	48	703
13/12/2018	21:30	40	53	49	44	34	0.0	0.4	1.3	248	22	78	706	14/12/2018	15:00	42	59	54	43	35	0.0	0.4	2.2	45	31	48	703
13/12/2018	21:45	39	45	45	44	31	0.0	0.4	1.8	225	22	78	705	14/12/2018	15:15	42	51	48	44	39	0.0	0.4	2.7	113	31	52	703
13/12/2018	22:00	40	45	45	44	32	0.0																				

Logged Noise and Weather Data													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)	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)
14/12/2018	20:15	37	45	42	39	33	0.0	0.9	3.6	113	20	92	707	15/12/2018	13:45	40	61	47	43	34	0.0	1.3	4.0	68	28	61	707
14/12/2018	20:30	45	50	50	48	39	0.2	0.9	3.6	90	20	93	707	15/12/2018	14:00	43	66	51	43	38	0.0	1.3	4.0	113	29	62	707
14/12/2018	20:45	45	53	51	49	36	1.0	0.4	1.8	90	20	93	707	15/12/2018	14:15	47	71	53	48	38	0.0	1.3	4.0	113	29	62	707
14/12/2018	21:00	46	59	57	48	37	0.2	0.4	3.6	68	20	93	707	15/12/2018	14:30	43	63	53	44	36	0.0	0.9	4.0	135	29	60	706
14/12/2018	21:15	47	60	59	50	39	0.4	0.4	2.2	113	20	93	707	15/12/2018	14:45	44	59	51	47	37	0.0	0.4	2.2	113	29	60	707
14/12/2018	21:30	54	58	57	56	52	0.6	0.0	0.9	90	19	94	708	15/12/2018	15:00	47	56	54	49	40	0.0	0.9	3.1	90	29	60	706
14/12/2018	21:45	56	60	59	58	53	1.0	0.0	0.9	90	19	94	708	15/12/2018	15:15	45	56	51	47	40	0.0	0.9	3.6	113	29	59	706
14/12/2018	22:00	52	59	58	55	47	1.0	0.0	0.9	90	19	94	708	15/12/2018	15:30	44	52	51	46	40	0.0	0.9	3.6	113	29	60	706
14/12/2018	22:15	50	53	52	51	47	1.0	0.4	2.2	113	19	94	707	15/12/2018	15:45	42	59	49	43	38	0.0	0.9	3.6	90	29	59	706
14/12/2018	22:30	46	50	49	47	44	0.4	0.0	2.2	113	19	94	708	15/12/2018	16:00	43	62	53	44	38	0.0	0.4	2.7	90	29	57	706
14/12/2018	22:45	44	48	47	46	42	0.2	0.4	2.2	113	20	94	707	15/12/2018	16:15	44	61	54	46	37	0.0	0.9	2.7	90	29	60	706
14/12/2018	23:00	41	47	46	43	37	0.0	0.4	3.6	135	20	94	708	15/12/2018	16:30	44	62	55	45	38	0.0	0.4	2.7	90	29	62	706
14/12/2018	23:15	42	49	47	44	38	0.6	0.4	0.9	135	20	94	708	15/12/2018	16:45	45	58	50	47	41	0.0	0.4	2.2	68	28	63	706
14/12/2018	23:30	44	49	49	47	41	0.2	0.4	2.2	135	20	94	708	15/12/2018	17:00	47	64	57	48	42	0.0	0.9	3.1	68	28	67	706
14/12/2018	23:45	48	52	51	50	47	0.2	0.4	2.2	113	20	94	708	15/12/2018	17:15	47	60	57	49	41	0.0	1.3	3.1	68	27	69	706
15/12/2018	0:00	48	55	51	50	45	0.4	0.4	1.8	113	19	94	708	15/12/2018	17:30	49	68	61	48	39	0.0	0.9	3.1	68	26	71	707
15/12/2018	0:15	45	48	48	46	42	0.2	0.4	1.8	113	19	94	707	15/12/2018	17:45	42	53	51	45	38	0.0	1.3	3.6	90	26	72	707
15/12/2018	0:30	45	48	48	46	43	0.0	0.4	1.8	90	19	94	707	15/12/2018	18:00	45	62	55	46	40	0.0	1.3	4.0	68	25	73	707
15/12/2018	0:45	45	48	48	47	43	0.0	0.4	2.2	90	19	94	706	15/12/2018	18:15	46	61	54	48	41	0.0	0.9	2.2	90	25	73	707
15/12/2018	1:00	45	55	54	47	38	0.0	0.4	1.3	90	18	94	706	15/12/2018	18:30	42	55	46	44	40	0.0	0.9	2.7	90	25	74	707
15/12/2018	1:15	41	50	47	45	38	0.0	0.4	1.3	90	18	94	706	15/12/2018	18:45	45	65	53	46	41	0.0	0.9	3.1	90	25	75	707
15/12/2018	1:30	43	51	50	46	37	0.0	0.4	1.3	90	19	94	708	15/12/2018	19:00	43	51	47	47	38	0.0	0.9	2.2	68	24	76	708
15/12/2018	1:45	42	51	46	43	40	0.0	0.4	2.2	90	19	95	706	15/12/2018	19:15	41	48	45	43	38	0.0	0.9	3.1	90	24	75	708
15/12/2018	2:00	41	50	46	43	30	0.0	0.4	0.9	113	19	95	706	15/12/2018	19:30	40	54	43	41	37	0.0	1.3	3.6	68	24	74	708
15/12/2018	2:15	39	49	48	44	29	0.0	0.4	1.8	113	19	95	705	15/12/2018	19:45	38	51	42	40	34	0.0	1.3	3.1	68	24	75	708
15/12/2018	2:30	40	46	46	44	32	0.0	0.4	0.9	113	19	95	705	15/12/2018	20:00	38	46	43	40	34	0.0	0.4	2.7	90	23	77	708
15/12/2018	2:45	41	47	46	44	32	0.0	0.4	2.2	113	19	95	705	15/12/2018	20:15	39	46	44	43	32	0.0	0.4	3.6	135	23	79	709
15/12/2018	3:00	41	49	47	45	33	0.0	0.4	1.8	113	19	95	706	15/12/2018	20:30	46	55	51	49	39	0.2	0.4	2.2	113	23	82	709
15/12/2018	3:15	40	48	47	44	32	0.0	0.4	1.8	113	19	95	706	15/12/2018	20:45	46	50	50	48	42	0.4	0.0	2.2	135	23	86	709
15/12/2018	3:30	37	47	43	40	31	0.0	0.4	2.2	113	19	95	706	15/12/2018	21:00	44	64	53	47	37	0.4	0.0	2.2	135	22	88	709
15/12/2018	3:45	41	50	46	44	34	0.0	0.9	2.2	68	19	95	706	15/12/2018	21:15	40	51	43	42	37	0.0	0.4	1.8	135	21	90	709
15/12/2018	4:00	42	48	46	44	35	0.0	0.4	1.8	90	18	95	706	15/12/2018	21:30	39	56	49	42	33	0.0	0.0	1.8	135	21	91	709
15/12/2018	4:15	46	62	55	47	40	0.0	0.4	2.2	90	18	95	706	15/12/2018	21:45	41	59	52	43	33	0.2	1.3	4.5	113	21	91	709
15/12/2018	4:30	45	55	51	48	42	0.0	0.4	2.2	90	18	95	706	15/12/2018	22:00	41	53	50	43	34	0.0	1.3	4.0	113	21	92	709
15/12/2018	4:45	46	59	55	49	40	0.0	0.4	2.7	90	18	95	707	15/12/2018	22:15	40	54	50	43	33	0.0	0.9	3.6	135	21	93	709
15/12/2018	5:00	49	70	59	49	40	0.0	0.4	2.2	113	18	95	707	15/12/2018	22:30	37	53	45	41	32	0.0	1.3	4.9	113	21	93	709
15/12/2018	5:15	54	74	66	54	41	0.0	0.9	3.6	90	18	95	707	15/12/2018	22:45	34	44	41	36	31	0.0	1.3	4.0	113	21	93	709
15/12/2018	5:30	46	61	58	48	35	0.0	0.9	2.2	90	18	95	707	15/12/2018	23:00	35	47	42	36	31	0.0	0.9	4.9	113	21	93	709
15/12/2018	5:45	48	65	58	51	36	0.0	0.9	2.7	90	18	95	708	15/12/2018	23:15	37	46	44	41	32	0.0	0.4	2.2	90	21	94	709
15/12/2018	6:00	48	65	61	49	35	0.0	0.9	2.2	88	18	95	708	15/12/2018	23:30	37	46	45	41	32	0.0	0.4	2.2	135	21	94	709
15/12/2018	6:15	44	59	55	47	34	0.0	0.9	2.7	90	18	95	708	15/12/2018	23:45	37	54	43	39	33	0.0	0.9	4.0	158	21	94	709
15/12/2018	6:30	49	62	58	54	37	0.0	0.9	2.2	90	18	95	708	16/12/2018	0:00	34	47	41	38	31	0.0	0.9	4.0	90	21	94	708
15/12/2018	6:45	47	62	57	50	38	0.0	0.9	4.0	90	18	95	708	16/12/2018	0:15	36	47	42	40	30	0.0	0.9	5.8	90	21	94	708
15/12/2018	7:00	50	65	61	54	37	0.0	0.9	3.1	90	18	95	708	16/12/2018	0:30	42	51	51	45	31	0.0	1.3	4.9	90	21	94	708
15/12/2018	7:15	45	62	57	48	34	0.0	0.4	1.8	68	19	95	708	16/12/2018	0:45	38	49	44	42	29	0.0	1.3	4.9	68	21	94	708
15/12/2018	7:30	41	61	52	44	33	0.0	0.4	1.8	90	19	95	708	16/12/2018	1:00	37	52	43	42	28	0.0	0.4	2.2	90	21	94	708
15/12/2018	7:45	43	60	55	46	35	0.0	0.4	3.1	113	19	95	708	16/12/2018	1:15	38	51	44	42	30	0.0	0.4	2.7	113	21	94	708
15/12/2018	8:00	45	61	54	48	37	0.0	0.9	1.8	90	20	95	708	16/12/2018	1:30	39	46	45	43	30	0.0	0.4	2.2	113	21	94	708
15/12/2018	8:15	47	63	58	50	35	0.0	0.9	2.7	90	20	95	709	16/12/2018	1:45	39	46	45	42	31	0.0	0.4	4.0	135	21	95	708
15/12/2018	8:30	44	66	55	47	34	0.0	0.4	3.1	90	20	95	708	16/12/2018	2:00	40	46	45	43	32	0.0	0.4	3.6	113	21	95	708
15/12/2018	8:45	44	57	53	48	34	0.0	0.9	2.7	90	21	95	708	16/12/2018	2:15	41	46	46	43	33	0.0	0.4	2.7	68	21	95	708
15/12/2018	9:00	42	57	52	45	35	0.0	0.9	3.1																		

Logged Noise and Weather Data														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)	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)
16/12/2018	7:15	44	61	55	47	36	0.0	0.4	2.7	113	21	95	709	17/12/2018	0:45	58	80	80	59	58	0.6	0.4	2.7	113	19	96	708
16/12/2018	7:30	47	67	59	49	36	0.0	0.9	3.6	113	21	95	709	17/12/2018	1:00	58	59	59	59	57	0.6	0.4	1.8	90	19	96	708
16/12/2018	7:45	49	68	62	51	35	0.0	0.9	2.7	113	21	95	709	17/12/2018	1:15	49	58	58	47	41	0.0	0.4	2.7	90	19	96	708
16/12/2018	8:00	50	67	63	52	36	0.0	0.4	2.7	113	21	95	709	17/12/2018	1:30	46	52	48	47	45	0.4	0.4	2.2	90	19	96	708
16/12/2018	8:15	51	70	65	47	34	0.4	0.4	3.1	135	21	95	709	17/12/2018	1:45	44	46	46	45	43	0.0	0.4	2.2	90	19	96	707
16/12/2018	8:30	49	69	61	51	38	0.2	0.4	2.2	113	21	95	709	17/12/2018	2:00	44	49	45	45	43	0.0	0.9	3.6	90	19	96	707
16/12/2018	8:45	53	78	65	50	36	0.4	0.9	4.0	113	21	95	709	17/12/2018	2:15	37	47	44	41	32	0.2	0.9	3.6	90	19	96	707
16/12/2018	9:00	52	70	63	54	37	0.2	0.9	4.9	113	21	95	709	17/12/2018	2:30	40	52	50	45	30	0.0	0.9	3.1	135	19	96	707
16/12/2018	9:15	50	66	61	54	38	0.0	0.4	2.2	113	21	95	709	17/12/2018	2:45	35	46	41	39	30	0.0	0.9	4.0	113	19	96	707
16/12/2018	9:30	51	73	64	52	35	0.0	0.4	2.7	135	21	95	709	17/12/2018	3:00	36	48	41	40	29	0.0	0.9	3.6	90	19	96	707
16/12/2018	9:45	46	65	57	49	34	0.2	1.3	3.6	113	21	95	709	17/12/2018	3:15	34	48	42	38	29	0.0	0.9	2.7	90	19	96	707
16/12/2018	10:00	42	61	53	43	33	0.0	0.4	2.7	135	21	95	709	17/12/2018	3:30	35	52	46	36	29	0.0	0.9	3.6	90	19	96	707
16/12/2018	10:15	50	67	61	54	35	0.4	0.4	2.7	113	21	95	709	17/12/2018	3:45	36	50	44	38	32	0.0	0.9	2.7	90	19	96	707
16/12/2018	10:30	51	72	62	53	36	4.4	0.4	3.1	135	21	95	709	17/12/2018	4:00	37	47	44	39	32	0.0	0.9	4.9	68	19	96	708
16/12/2018	10:45	49	64	60	51	39	11.0	0.4	3.6	135	21	95	709	17/12/2018	4:15	45	63	56	45	36	0.0	0.9	3.6	90	19	96	708
16/12/2018	11:00	47	63	59	50	37	1.0	0.4	1.3	45	21	95	709	17/12/2018	4:30	47	63	58	49	39	0.0	0.4	3.1	113	19	96	708
16/12/2018	11:15	48	65	60	48	37	0.6	0.4	2.2	113	21	95	709	17/12/2018	4:45	47	59	58	51	38	0.0	0.9	3.6	113	19	96	708
16/12/2018	11:30	50	66	63	51	36	1.0	1.3	3.6	113	21	95	709	17/12/2018	5:00	48	67	58	51	38	0.0	0.9	3.1	113	19	96	708
16/12/2018	11:45	49	61	58	53	38	0.4	0.4	2.7	90	21	95	709	17/12/2018	5:15	46	60	58	49	37	0.0	0.9	5.4	135	18	96	709
16/12/2018	12:00	46	62	58	49	37	0.4	0.9	2.7	135	21	95	709	17/12/2018	5:30	46	62	58	49	38	0.0	0.9	4.0	113	18	96	708
16/12/2018	12:15	49	66	61	51	37	0.0	0.4	2.7	68	21	95	709	17/12/2018	5:45	51	70	64	52	38	0.0	0.9	3.1	113	18	96	709
16/12/2018	12:30	44	56	55	47	36	0.2	0.4	3.1	135	21	95	708	17/12/2018	6:00	49	65	60	52	38	0.0	0.9	3.6	90	18	96	709
16/12/2018	12:45	50	63	58	53	41	0.0	0.9	4.5	113	21	95	708	17/12/2018	6:15	43	55	51	46	37	0.0	0.4	2.2	113	18	96	709
16/12/2018	13:00	47	65	57	48	37	0.0	1.8	7.2	90	21	95	708	17/12/2018	6:30	44	59	54	46	37	0.0	0.4	2.2	90	19	96	709
16/12/2018	13:15	38	54	45	40	35	0.0	1.3	5.4	113	21	95	708	17/12/2018	6:45	47	62	57	50	38	0.0	0.4	3.6	113	19	96	709
16/12/2018	13:30	41	60	52	42	34	0.0	1.3	4.0	113	21	95	708	17/12/2018	7:00	45	64	56	47	37	0.0	0.4	1.8	135	19	96	709
16/12/2018	13:45	46	60	56	51	33	0.8	1.8	5.4	113	21	95	708	17/12/2018	7:15	43	62	52	46	37	0.0	0.4	2.2	135	19	96	709
16/12/2018	14:00	46	65	58	50	35	0.0	1.3	4.9	113	21	95	707	17/12/2018	7:30	45	62	55	48	37	0.2	0.9	3.1	135	19	96	710
16/12/2018	14:15	37	53	46	40	33	0.0	1.3	4.0	68	21	95	707	17/12/2018	7:45	55	73	69	56	38	0.0	0.9	3.6	135	19	96	710
16/12/2018	14:30	42	61	52	44	34	0.0	1.3	6.3	90	21	95	707	17/12/2018	8:00	46	63	59	48	37	0.0	0.9	3.6	135	19	96	710
16/12/2018	14:45	43	56	53	46	35	0.0	0.9	4.0	90	21	95	707	17/12/2018	8:15	45	56	54	47	37	0.0	0.9	4.0	113	19	96	710
16/12/2018	15:00	40	53	49	43	35	0.0	0.9	3.6	88	21	95	707	17/12/2018	8:30	45	59	55	48	37	0.0	0.4	3.6	113	19	96	710
16/12/2018	15:15	41	55	50	43	35	0.0	0.9	3.6	113	21	95	707	17/12/2018	8:45	44	60	56	45	36	0.0	0.9	3.1	113	19	96	710
16/12/2018	15:30	43	60	54	44	38	0.0	0.9	3.1	68	21	95	707	17/12/2018	9:00	43	60	54	45	36	0.0	0.9	3.1	113	19	96	710
16/12/2018	15:45	42	56	50	44	36	0.0	1.3	5.4	90	21	95	707	17/12/2018	9:15	43	60	52	44	35	0.0	0.4	3.6	135	19	96	710
16/12/2018	16:00	43	55	53	45	36	0.0	1.3	3.6	90	21	95	707	17/12/2018	9:30	40	56	49	42	35	0.0	0.9	3.1	135	20	96	710
16/12/2018	16:15	56	58	58	57	41	0.2	1.3	6.3	90	21	95	707	17/12/2018	9:45	43	62	55	45	36	0.2	0.4	2.2	113	20	96	710
16/12/2018	16:30	65	95	61	61	57	1.4	1.3	5.4	80	20	95	707	17/12/2018	10:00	42	56	50	46	37	0.0	0.4	2.7	113	20	96	710
16/12/2018	16:45	61	65	61	61	60	0.0	0.9	5.8	90	20	95	707	17/12/2018	10:15	44	61	55	44	39	0.0	0.4	2.2	135	20	96	710
16/12/2018	17:00	61	63	61	61	60	0.0	1.3	4.0	113	21	95	707	17/12/2018	10:30	42	60	50	43	37	0.0	0.4	2.7	135	20	96	709
16/12/2018	17:15	61	63	62	62	60	0.2	0.9	4.0	113	21	95	708	17/12/2018	10:45	41	56	52	43	34	0.0	0.4	2.7	113	20	96	709
16/12/2018	17:30	61	63	62	62	60	0.0	1.3	4.9	113	20	95	707	17/12/2018	11:00	41	57	52	42	38	0.0	0.4	2.2	113	20	96	709
16/12/2018	17:45	61	64	62	62	61	0.0	1.3	4.9	90	20	95	708	17/12/2018	11:15	50	70	62	48	35	0.0	0.4	3.1	113	20	96	709
16/12/2018	18:00	63	65	65	64	62	0.0	1.3	3.6	113	20	95	708	17/12/2018	11:30	43	58	54	47	35	0.0	0.4	2.7	135	20	96	709
16/12/2018	18:15	65	72	67	66	64	0.0	0.9	4.5	90	20	95	708	17/12/2018	11:45	41	57	53	44	35	0.0	0.4	3.1	135	21	96	709
16/12/2018	18:30	66	70	68	67	65	0.0	0.9	2.2	90	20	96	708	17/12/2018	12:00	41	55	51	43	35	0.0	0.4	2.7	135	21	95	709
16/12/2018	18:45	66	68	67	67	66	0.0	0.9	4.0	90	20	96	708	17/12/2018	12:15	43	59	54	46	36	0.0	0.4	2.7	135	21	93	709
16/12/2018	19:00	68	69	70	69	66	0.0	0.4	3.6	45	20	96	708	17/12/2018	12:30	53	73	68	45	35	0.0	0.4	1.8	113	21	92	709
16/12/2018	19:15	68	69	69	68	67	0.0	0.9	3.6	113	20	95	708	17/12/2018	12:45	43	67	47	40	33	0.0	0.9	4.9	113	22	87	709
16/12/2018	19:30	66	68	68	67	65	0.0	0.9	3.6	113	20	95	708	17/12/2018	13:00	51	66	62	54	37	0.0	0.9	3.6	90	23	85	709
16/12/2018	19:45	64	66	65	65	63	0.0	0.9	4.0	90	20	96	708	17/12/2018	13:15	43	59	54	45	37	0.0	1.3	4.9	113	23	84	709
16/12/2018	20:00	64	65	65																							

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)
17/12/2018	18:15	44	58	52	48	39	0.0	0.9	4.0	113	21	90	709
17/12/2018	18:30	53	58	57	56	41	0.0	1.3	4.9	113	21	92	709
17/12/2018	18:45	57	64	62	58	55	0.0	1.8	6.7	90	21	92	709
17/12/2018	19:00	52	58	57	56	49	0.0	1.3	6.3	68	20	92	709
17/12/2018	19:15	51	62	54	52	49	0.0	1.3	5.4	68	20	92	710
17/12/2018	19:30	48	55	51	50	45	0.0	1.3	4.9	90	20	92	710
17/12/2018	19:45	46	51	51	49	44	0.0	1.3	3.1	68	20	93	710
17/12/2018	20:00	44	48	46	45	40	0.0	1.8	6.3	113	20	93	710
17/12/2018	20:15	41	49	45	42	39	0.0	1.3	4.9	135	20	93	710
17/12/2018	20:30	50	60	53	52	39	0.0	0.9	4.9	90	20	94	710
17/12/2018	20:45	49	55	53	52	39	0.0	0.9	4.9	90	19	94	710
17/12/2018	21:00	41	45	43	42	39	0.0	0.9	3.6	90	19	94	710
17/12/2018	21:15	43	59	47	43	40	0.2	1.3	4.0	90	19	95	710
17/12/2018	21:30	41	45	44	43	39	0.0	1.3	5.4	68	19	95	710
17/12/2018	21:45	42	61	49	43	39	0.0	1.8	5.8	90	19	95	710
17/12/2018	22:00	45	62	57	47	39	0.0	1.8	5.8	90	19	95	710
17/12/2018	22:15	41	61	49	42	36	0.0	1.3	5.8	90	19	95	710
17/12/2018	22:30	39	49	43	41	37	0.0	1.8	5.4	90	19	95	710
17/12/2018	22:45	40	56	44	42	36	0.0	1.3	5.4	113	19	95	710
17/12/2018	23:00	39	44	43	41	36	0.2	0.9	2.7	135	19	95	710
17/12/2018	23:15	40	54	46	42	36	0.2	1.8	5.8	90	19	95	710
17/12/2018	23:30	40	58	47	42	35	0.0	2.2	6.7	113	19	95	710
17/12/2018	23:45	38	50	46	40	35	0.0	1.8	6.7	90	19	95	709
18/12/2018	0:00	39	49	44	41	35	0.2	1.8	6.7	90	19	95	709
18/12/2018	0:15	39	52	45	41	34	0.0	1.8	6.3	113	19	95	709
18/12/2018	0:30	39	49	46	42	34	0.0	1.8	6.3	90	19	95	709
18/12/2018	0:45	39	51	46	41	35	0.0	1.8	5.8	68	19	95	709
18/12/2018	1:00	38	48	46	41	33	0.0	1.3	4.0	113	19	96	709
18/12/2018	1:15	37	47	45	40	32	0.2	0.9	3.6	90	19	96	709
18/12/2018	1:30	37	48	46	40	31	0.2	1.3	6.7	90	19	95	709
18/12/2018	1:45	37	47	45	40	31	0.0	1.8	7.6	90	19	95	709
18/12/2018	2:00	39	51	48	42	33	0.0	1.8	4.9	90	19	95	709
18/12/2018	2:15	38	48	45	42	33	0.0	1.8	5.8	90	18	95	708
18/12/2018	2:30	39	46	44	42	34	0.0	1.8	5.4	90	18	96	709
18/12/2018	2:45	41	51	50	44	35	0.0	1.3	4.9	90	18	96	709
18/12/2018	3:00	46	52	53	51	35	0.2	1.8	4.9	90	18	96	709
18/12/2018	3:15	48	52	53	52	37	0.0	1.8	4.9	90	18	95	708
18/12/2018	3:30	47	51	52	51	38	0.0	1.3	5.4	80	18	96	709
18/12/2018	3:45	42	51	51	44	38	0.0	1.8	4.9	113	18	95	709
18/12/2018	4:00	41	51	46	44	38	0.0	1.8	5.4	113	18	96	709
18/12/2018	4:15	44	59	51	47	39	0.2	1.8	4.9	90	18	96	709
18/12/2018	4:30	48	67	60	49	40	0.0	1.3	4.5	90	18	96	709
18/12/2018	4:45	46	64	56	49	40	0.0	1.3	4.0	90	18	96	709
18/12/2018	5:00	45	60	54	47	40	0.0	1.3	4.0	68	18	96	709
18/12/2018	5:15	49	68	60	50	40	0.0	1.3	3.1	68	18	96	709
18/12/2018	5:30	46	65	55	47	40	0.0	1.3	4.0	90	18	96	709
18/12/2018	5:45	48	64	60	50	40	0.0	1.8	4.9	113	18	96	710
18/12/2018	6:00	47	66	59	46	39	0.0	1.3	6.3	113	19	96	710
18/12/2018	6:15	44	59	53	45	40	0.2	1.3	4.9	90	19	96	710
18/12/2018	6:30	44	61	54	45	40	0.0	1.3	5.8	113	19	96	710
18/12/2018	6:45	46	63	57	49	40	0.0	1.3	3.6	68	19	96	710
18/12/2018	7:00	46	62	57	49	38	0.0	1.8	4.5	90	19	96	710
18/12/2018	7:15	44	60	53	47	38	0.0	1.8	8.9	90	19	96	710
18/12/2018	7:30	43	62	52	44	37	0.0	1.3	4.0	90	19	96	710
18/12/2018	7:45	43	63	54	43	35	0.0	1.3	4.9	90	19	96	711
18/12/2018	8:00	41	53	49	43	36	0.0	1.8	5.8	113	19	96	711
18/12/2018	8:15	43	59	53	44	37	0.2	0.9	4.0	90	19	96	711
18/12/2018	8:30	45	61	57	47	37	0.0	1.3	4.9	113	19	96	711
18/12/2018	8:45	42	58	52	46	35	0.0	1.3	5.8	90	19	96	711
18/12/2018	9:00	42	57	52	44	36	0.0	1.3	5.4	90	20	96	711
18/12/2018	9:15	43	63	53	46	36	0.0	1.3	4.0	113	20	96	711
18/12/2018	9:30	46	70	50	43	38	0.0	0.9	3.6	90	20	96	711
18/12/2018	9:45	41	54	50	43	36	0.0	0.9	2.7	90	20	96	711
18/12/2018	10:00	40	51	50	41	36	0.0	1.3	4.0	90	20	96	711
18/12/2018	10:15	40	58	51	40	34	0.0	1.3	5.4	90	20	96	711
18/12/2018	10:30	42	55	53	45	36	0.0	1.3	5.8	113	20	95	711
18/12/2018	10:45	44	65	55	44	36	0.0	0.9	4.0	113	21	93	711
18/12/2018	11:00	41	63	51	43	35	0.0	0.9	4.5	113	21	92	711
18/12/2018	11:15	41	56	52	43	34	0.0	0.9	3.1	90	21	88	711
18/12/2018	11:30	43	58	55	43	34	0.0	0.9	3.1	113	22	86	711

Calibration Certificate

Description: Standard Triaxial Geophone (DIN Version)

Part Number: 718A3301

Serial Number: BT2091

Calibration Date: 10 May 2019

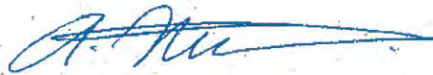
Test Reference	Model	Serial No.
LDS Shaker	V450	99333/1
LDS Shaker	V555	429000/1
Labworks Power Amplifier	PA138	138-1835
Linear Power Amplifier with FPS	LPA1000	N/A
Crystal Instruments	Spider-81B	1322944, 1310560
PCB ICP Power Supply	482A21	11664, 11736, 11572 2168, 8878, 10540
Fluke Multimeter	8808A	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:



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Milton QLD 4064
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service@saros.com.au



Certificate No. AU1307



Authorised Instanetel Dealer and
Calibration and Service Facility

Calibration Certificate

Description: Minimate Plus Base Unit

Part Number: 716A0403

Serial Number: BE14070

Calibration Date: 10 May 2019

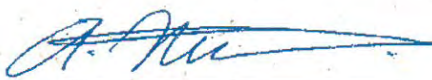
Test Reference	Model	Serial No.
Fluke Multimeter	8808A	3525053 & 2308077
Instantel Zero/Gain Test Jig	718A1510-10	N/A

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
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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:

Prepared by:

AECOM

Collins Square, Ll 10, Tower

Two, 727 Collins St

Melbourne

VIC-3000

AUSTRALIA

Vipac Engineers & Scientists Ltd.

Victorian Technology Centre

275 Normanby Road

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Phone: (03) 9647 9700

Fax: (03) 9646 4370

Author:

F. Antychew

Date *24/7/18*

Reviewed by:

David Jenkins/Yan Wu

Date *25/7/18*

Revision History:

Issue No .

1

Date Issued

24-Jul-18

Reason/Comments

Original

Distribution:

(This is Copy No:.....)

Copy No.

1

Issue No.

1

Destination

AECOM

Addressee

2

1

Vipac Melb. Library

-

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

TESTING OFFICER: _____

NATA SIGNATORY: _____

Report number: fa74166

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: _____

NATA SIGNATORY: _____

Report number:fa74166

Date: 24/07/2018

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 °C $\pm 2^\circ$ C **Relative Humidity:** 40% $\pm 5\%$

Date of Calibration: 19/01/2018 **Issue Date:** 23/01/2018

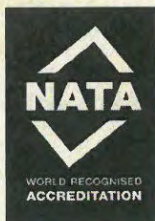
Acu-Vib Test Procedure: AVP10 (SLM) & AVP06 (Filters)

CHECKED BY: 

AUTHORISED SIGNATURE: 
Jack Kieft

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



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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 $\pm 2^\circ$ C **Relative Humidity:** 55% $\pm 5\%$

Date of Calibration: 14/03/2018 **Issue Date:** 16/03/2018

Acu-Vib Test Procedure: AVP10 (SLM) & AVP06 (Filters)

CHECKED BY: 

AUTHORISED SIGNATURE: 
Jack Kielt

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
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Page 1 of 2
AVCERT10 Rev. 1.3 05.02.18



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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 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 -			
Acoustic Tests		Environmental Conditions	
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.



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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 -			
Acoustic Tests		Environmental Conditions	
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.

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Calibration Report on:

DUO

Class 1 Sound Level Meter

Model: 01dB

Serial Number: 11107

Accredited Laboratory Number: 676

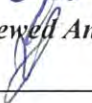
Accredited for compliance with ISO/IEC 17025- Calibration
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Testing Officer:


Firezwee 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

Prepared by:

Vipac Engineers & Scientists Ltd.
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Date 24/11/17

Reviewed by:


.....
David Jenkins/Yan Wu

Date 24/11/17

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Key Words:

Calibration, Class 1 Sound Level Meter

Testing Officer:


Firezwee Antachew

Approved Signatory:


David Jenkins/Yan Wu

fa72129



SCOPE OF CALIBRATION (Class 1 Sound Level Meter)

<i>Inherent Weighted System Noise Level</i>	
- in accordance with IEC 61672-3 (10.1, 10.2)	-Complies
<i>Acoustical Signal Tests of Frequency Weightings</i>	
- in accordance with IEC 61672-3 (11.1, 11.8)	- Not Complies at 8Khz
<i>Electrical Signal Tests of Frequency Weightings</i>	
- in accordance with IEC 61672-3 (12.1)	- Not Complies at 8Khz
<i>Frequency and Time Weightings</i>	
- in accordance with IEC 61672-3 (13.1, 13.3)	-Complies
<i>Level Linearity</i>	
- in accordance with IEC 61672-3 (14.1)	-Complies
<i>Level Linearity Including Range Control</i>	
- in accordance with IEC 61672-3 (15.1)	-N/A
<i>Tone Burst Response</i>	
- in accordance with IEC 61672-3 (16.5, 16.6, 16.7)	-Complies
<i>Peak C Sound Level</i>	
- in accordance with IEC 61672-3 (17.1)	-Complies
<i>Overload Indication</i>	
- in accordance with IEC 61672-3 (18.1)	-Complies

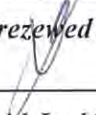
(Tests marked N/A indicates the sound level meter does not have this function)

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:


Firezwee 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 :	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
Bertrand LEROY

06/09/2018



Chapitre 3.

CERTIFICAT DE CONFORMITE

CONFORMITY CERTIFICATE

CC-DTE-L-18-PVE-60711

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 : **12602**
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

Date

06/09/2018

LE REFERENT METROLOGIE ACOUSTIQUE
PAR DELEGATION
THE REFERENT ACOUSTIC METROLOGY

Bertrand LEROY



Chapitre 3.

CERTIFICAT DE CONFORMITE

CONFORMITY CERTIFICATE

CC-DTE-L-18-PVE-60716

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 : **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
Bertrand LEROY

07/09/2018

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 <i>Standard</i>	Classe <i>Class</i>	Edition du <i>Edition of</i>
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
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 : **Sonomètre Intégrateur Moyenneur**
Designation: **Integrating-Averaging Sound level meter**

Référence : **DUO**
Reference:

Numéro de série : **12609**
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
Bertrand LEROY

10/09/2018



Chapitre 3.

CERTIFICAT DE CONFORMITE

CONFORMITY CERTIFICATE

CC-DTE-L-18-PVE-60715

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 : **12604**
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

Bertrand LEROY

07/09/2018



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 <i>Standard</i>	Classe <i>Class</i>	Edition du <i>Edition of</i>
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
Bertrand LEROY

07/09/2018



APPENDIX

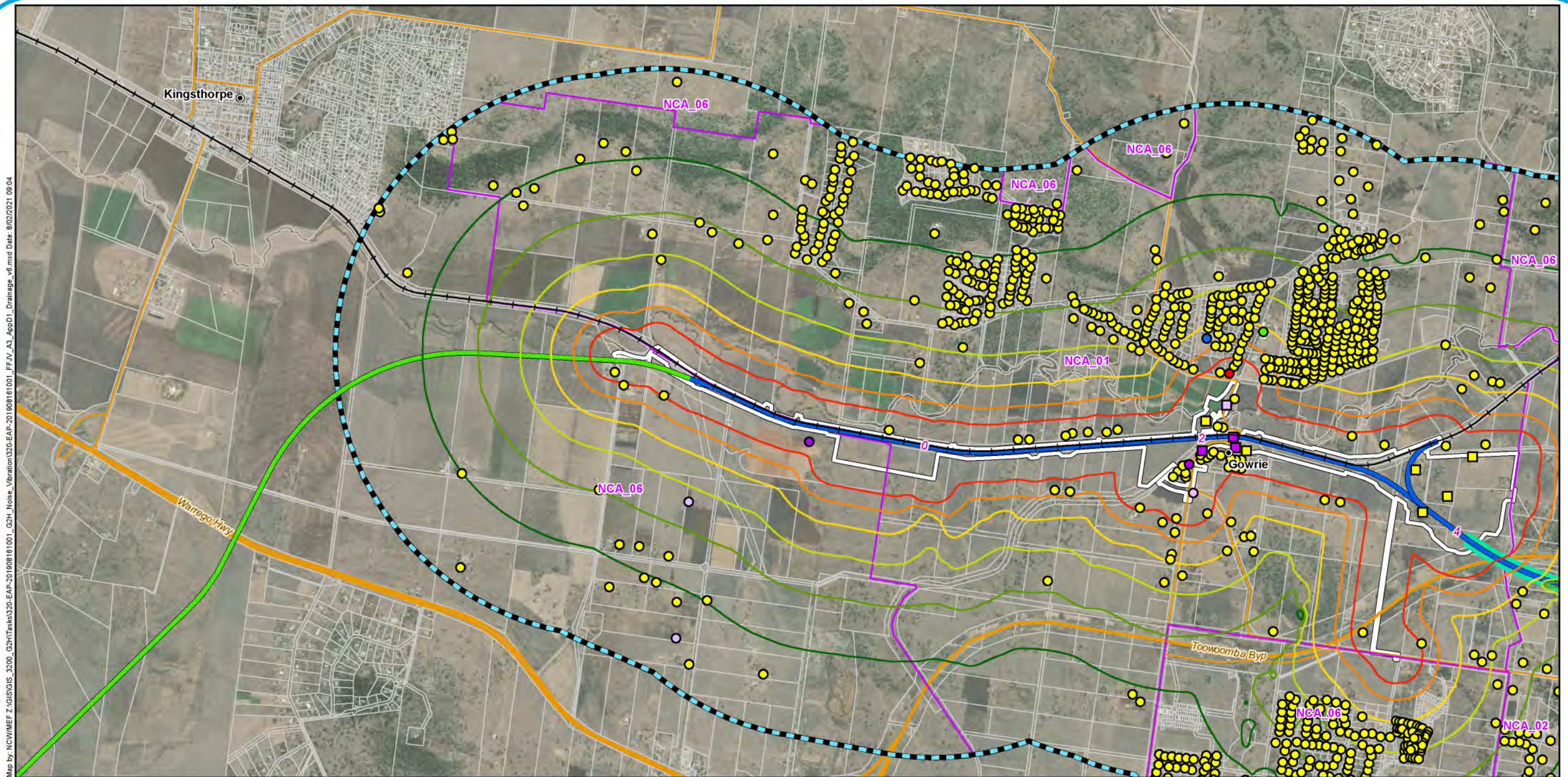
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Construction Noise and Vibration

Appendix D Construction noise contours

GOWRIE TO HELIDON ENVIRONMENTAL IMPACT STATEMENT





Legend

- | | | | |
|-----------------------|--------------------------------|--|---|
| 5 Chainage (km) | NCA | Sound Pressure Level
$L_{Aeq}(15 \text{ minute}), \text{dB(A)}$ | Sensitive Receptors |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint |
| B2G project alignment | Cadastre | 50 | Heritage Outside Footprint |
| G2H project alignment | Construction footprint | 55 | Sporting Facility Outside Footprint |
| Existing rail | | 60 | Retail Outside Footprint |
| Tunnel | | 65 | Residential Inside Footprint |
| Major roads | | 70 | Residential Outside Footprint |
| Minor roads | | | Recreational Facility Outside Footprint |
| | | | Medical Facility Outside Footprint |
| | | | Industrial Inside Footprint |
| | | | Industrial Outside Footprint |
| | | | Hotel/Motel Outside Footprint |
| | | | Educational Facility Outside Footprint |
| | | | Commercial (Offices) Outside Footprint |

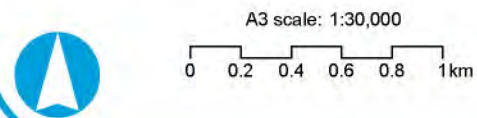
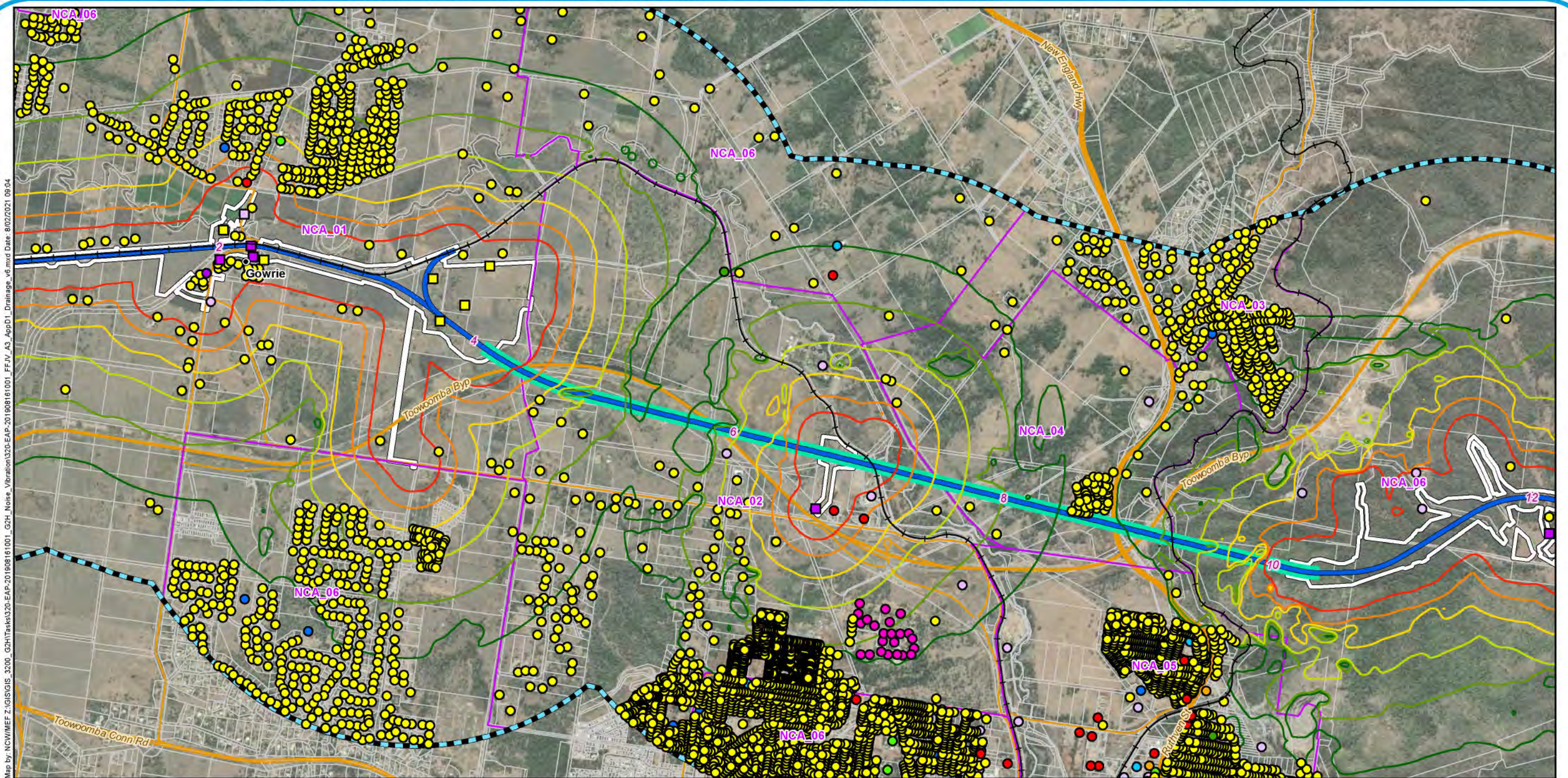


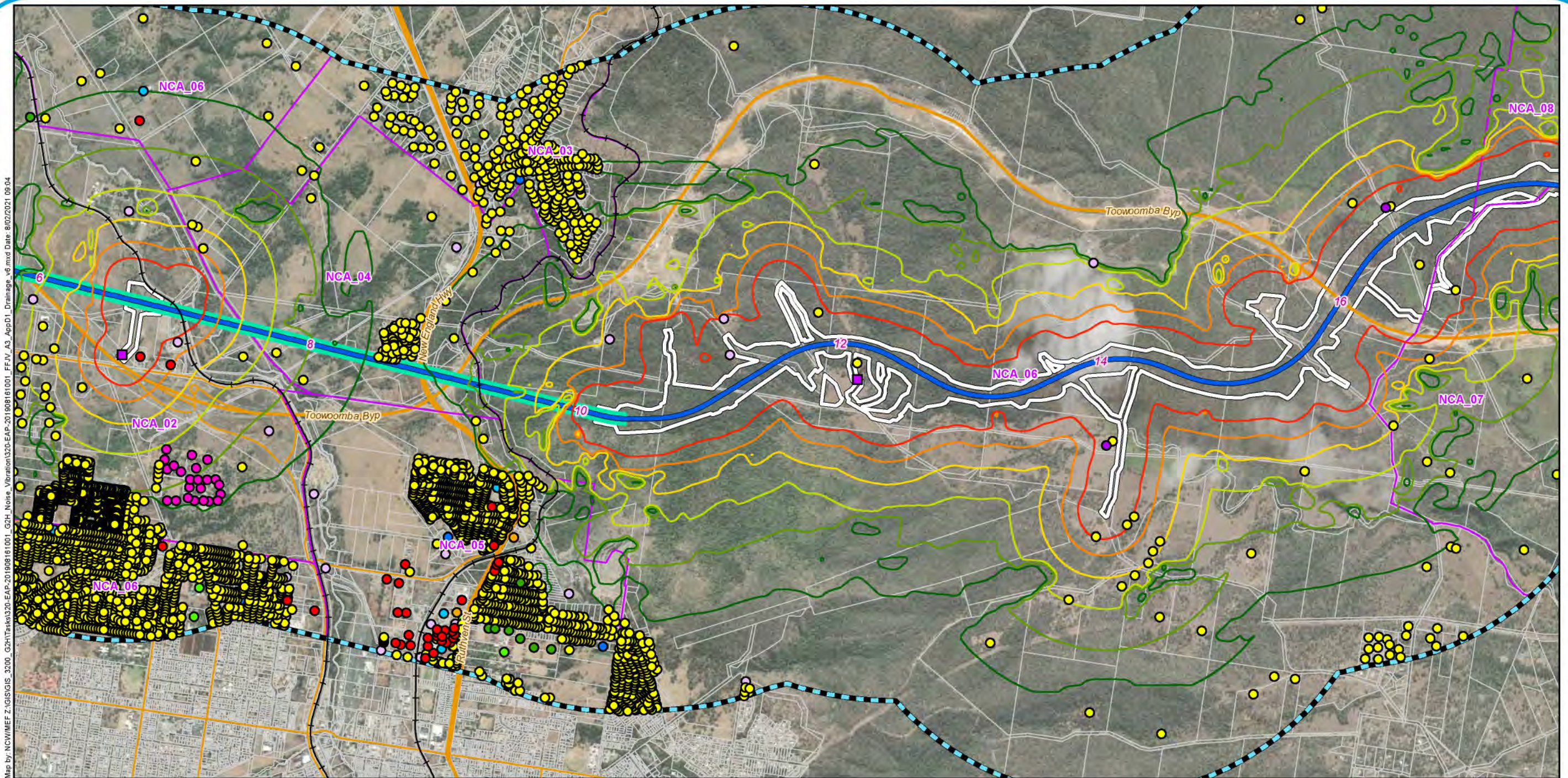
A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km



Future Freight
Integrating Community, Environment and Engineering

Issue date: 8/02/2021 Version: 6
Coordinate System: GDA 1994 MGA Zone 56





Legend

- | | | | |
|-----------------------|--------------------------------|--|---|
| 5 Chainage (km) | NCA | Sound Pressure Level
$L_{Aeq}(15 \text{ minute})$, dB(A) | Sensitive Receptors |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint |
| G2H project alignment | Cadastre | 50 | Heritage Outside Footprint |
| Existing rail | Construction footprint | 55 | Sporting Facility Outside Footprint |
| Tunnel | | 60 | Retail Outside Footprint |
| Major roads | | 65 | Residential Inside Footprint |
| Minor roads | | 70 | Residential Outside Footprint |
| | | | Recreational Facility Outside Footprint |
| | | | Medical Facility Outside Footprint |
| | | | Industrial Inside Footprint |
| | | | Industrial Outside Footprint |
| | | | Hotel/Motel Outside Footprint |
| | | | Educational Facility Outside Footprint |
| | | | Commercial (Offices) Outside Footprint |



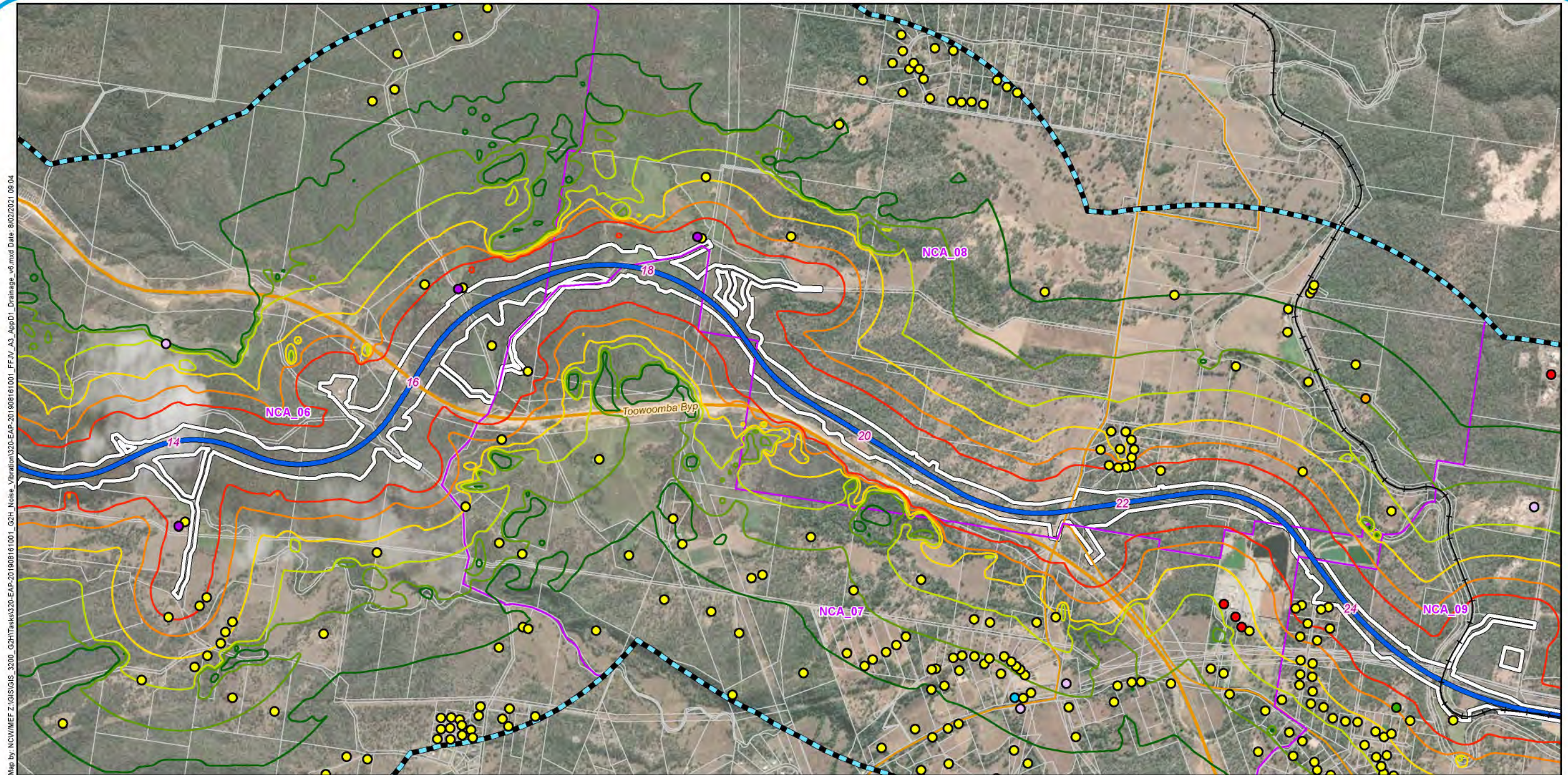
A3 scale: 1:30,000
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Future Freight
Integrating Community, Environment and Engineering

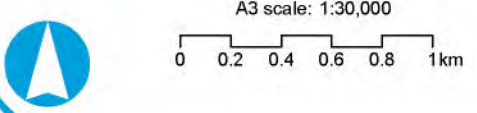
Issue date: 8/02/2021 Version: 6
Coordinate System: GDA 1994 MGA Zone 56

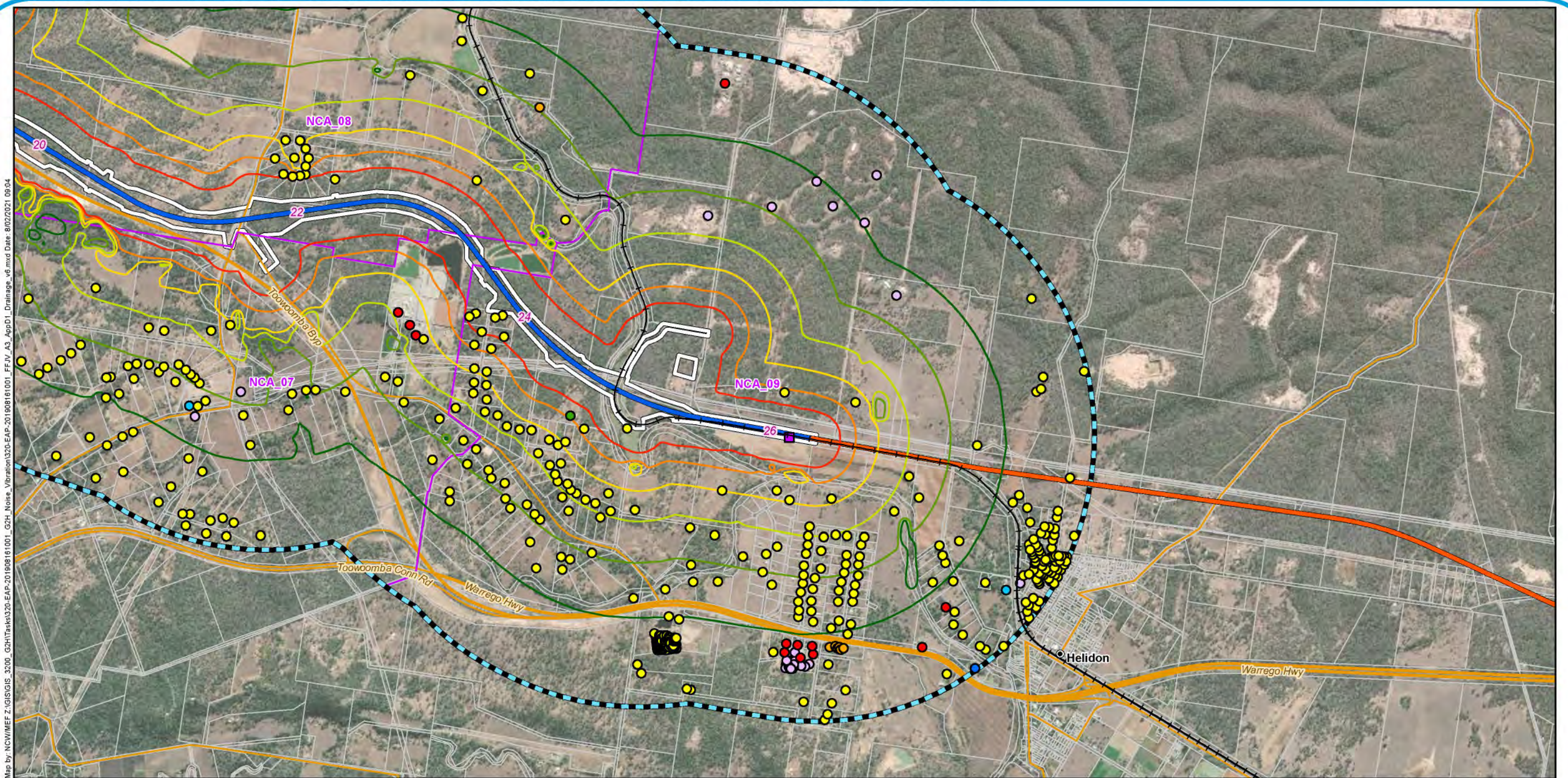
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Legend

- | | | | |
|---|--|--|--|
| <ul style="list-style-type: none">5 Chainage (km)LocalitiesG2H project alignmentExisting railTunnelMajor roadsMinor roads | <ul style="list-style-type: none">NCANoise and vibration study areaCadastreConstruction footprint | <p>Sound Pressure Level
L_{Aeq}(15 minute), dB(A)</p> <ul style="list-style-type: none">455055606570 | <p>Sensitive Receptors</p> <ul style="list-style-type: none">Heritage Inside FootprintHeritage Outside FootprintSporting Facility Outside FootprintRetail Outside FootprintResidential Inside FootprintResidential Outside FootprintRecreational Facility Outside FootprintMedical Facility Outside FootprintIndustrial Inside FootprintIndustrial Outside FootprintHotel/Motel Outside FootprintEducational Facility Outside FootprintCommercial (Offices) Outside Footprint |
|---|--|--|--|





Legend

- | | | | |
|---|--|--|--|
| <ul style="list-style-type: none">5 Chainage (km)LocalitiesG2H project alignmentH2C project alignmentExisting railTunnelMajor roadsMinor roads | <ul style="list-style-type: none">NCANoise and vibration study areaCadastreConstruction footprint | <p>Sound Pressure Level
L_{Aeq}(15 minute), dB(A)</p> <ul style="list-style-type: none">455055606570 | <p>Sensitive Receptors</p> <ul style="list-style-type: none">Heritage Inside FootprintHeritage Outside FootprintSporting Facility Outside FootprintRetail Outside FootprintResidential Inside FootprintResidential Outside FootprintRecreational Facility Outside FootprintMedical Facility Outside FootprintIndustrial Inside FootprintIndustrial Outside FootprintHotel/Motel Outside FootprintEducational Facility Outside FootprintCommercial (Offices) Outside Footprint |
|---|--|--|--|

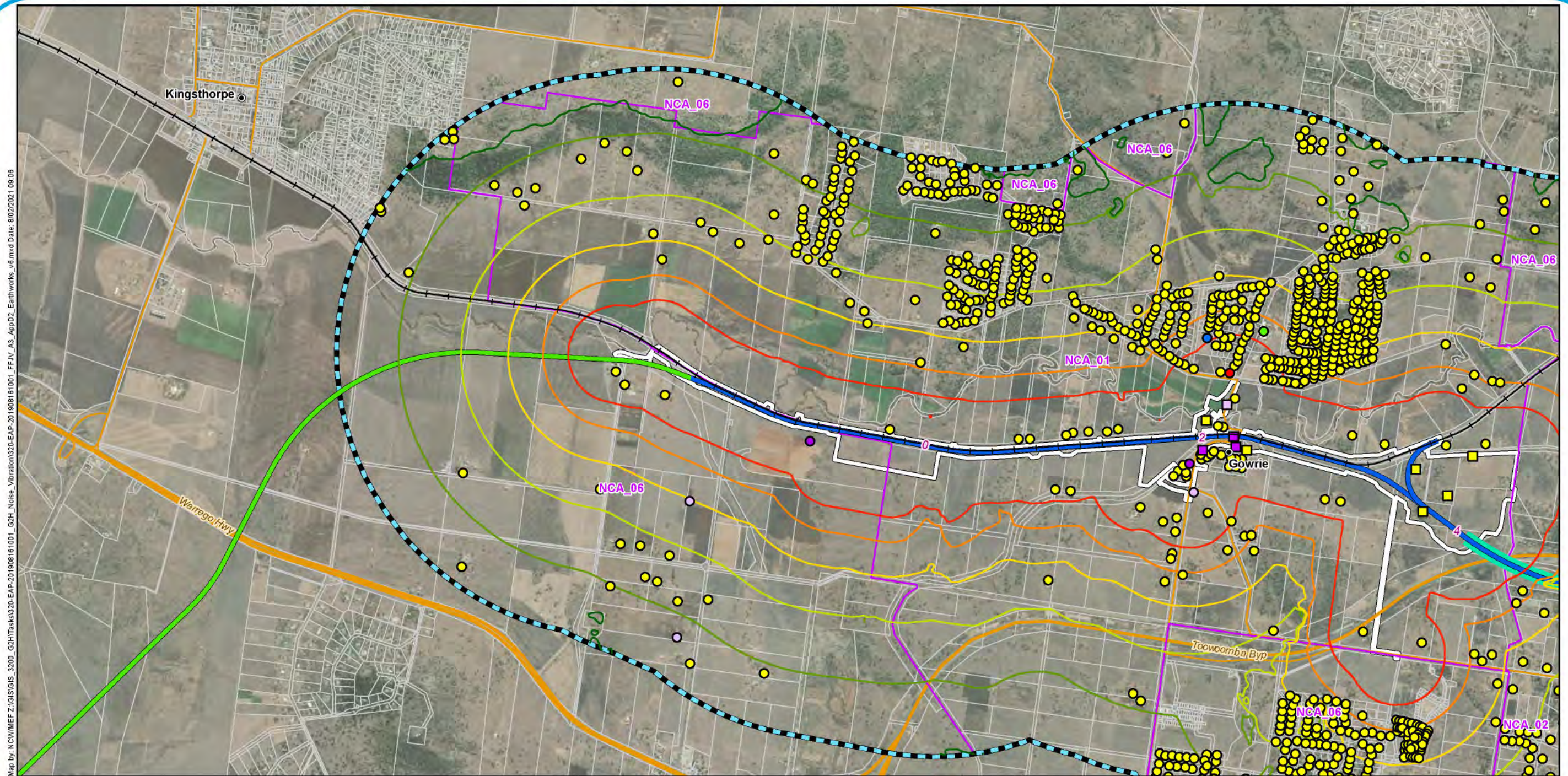


A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km



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Legend

- | | | | | |
|-----------------------|--------------------------------|---|---|--|
| 5 Chainage (km) | NCA | Sound Pressure Level
$L_{Aeq}(15 \text{ minute})$ dB(A) | Sensitive Receptors | |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint | Medical Facility Outside Footprint |
| B2G project alignment | Cadastre | 50 | Heritage Outside Footprint | Industrial Inside Footprint |
| G2H project alignment | Construction footprint | 55 | Sporting Facility Outside Footprint | Industrial Outside Footprint |
| Existing rail | | 60 | Retail Outside Footprint | Hotel/Motel Outside Footprint |
| Tunnel | | 65 | Residential Inside Footprint | Educational Facility Outside Footprint |
| Major roads | | 70 | Residential Outside Footprint | Commercial (Offices) Outside Footprint |
| Minor roads | | | Recreational Facility Outside Footprint | |

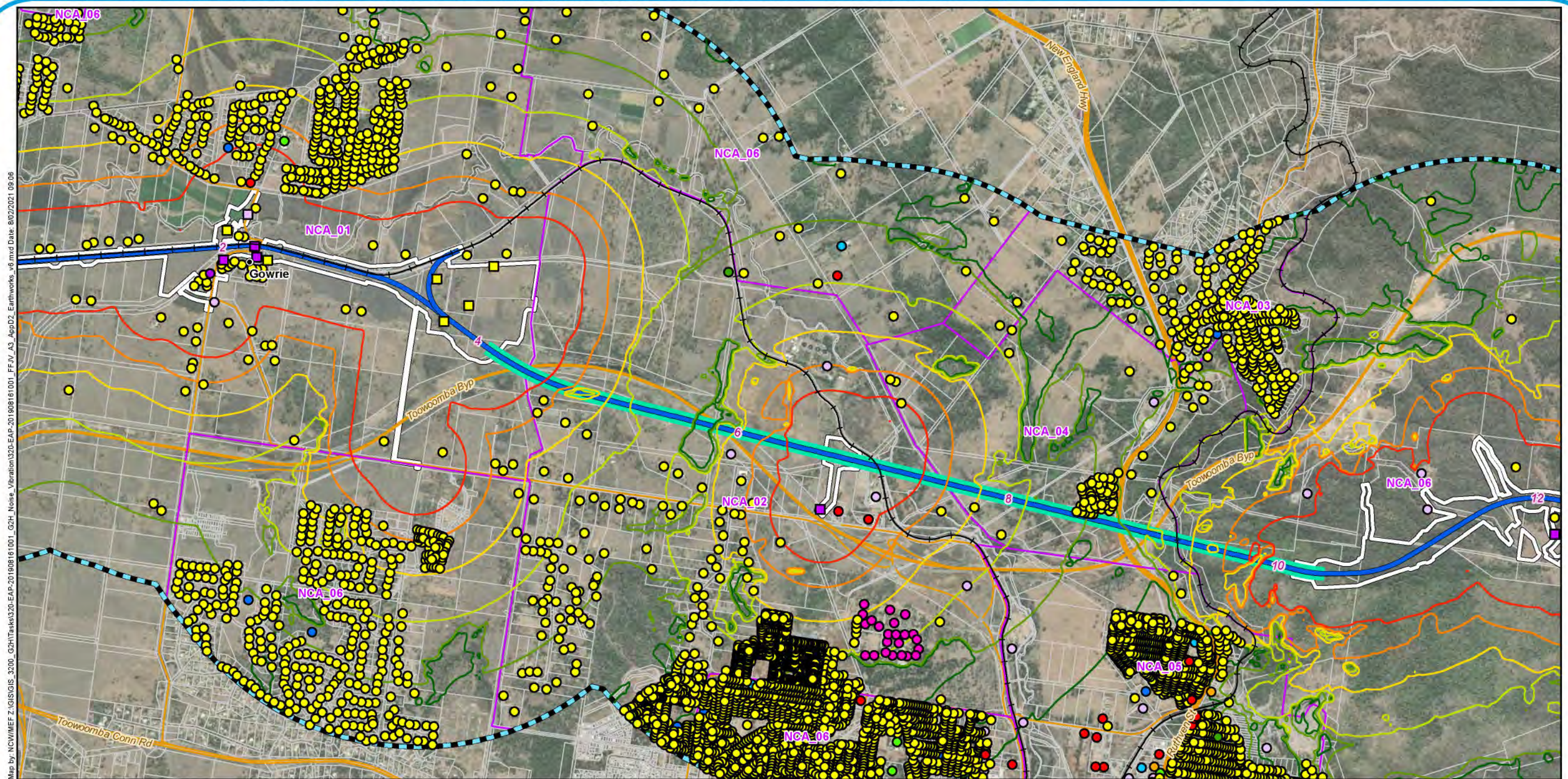


A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km



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Coordinate System: GDA 1994 MGA Zone 56



Legend

- 5 Chainage (km)
- Localities
- G2H project alignment
- Existing rail
- Tunnel
- Major roads
- Minor roads

- NCA
- Noise and vibration study area
- Cadastre
- Construction footprint

Sound Pressure Level $L_{Aeq}(15 \text{ minute})$ dB(A)

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Heritage Inside Footprint
- Heritage Outside Footprint
- Sporting Facility Outside Footprint
- Retail Outside Footprint
- Residential Inside Footprint
- Residential Outside Footprint
- Recreational Facility Outside Footprint
- Medical Facility Outside Footprint
- Industrial Inside Footprint
- Industrial Outside Footprint
- Hotel/Motel Outside Footprint
- Educational Facility Outside Footprint
- Commercial (Offices) Outside Footprint



A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km



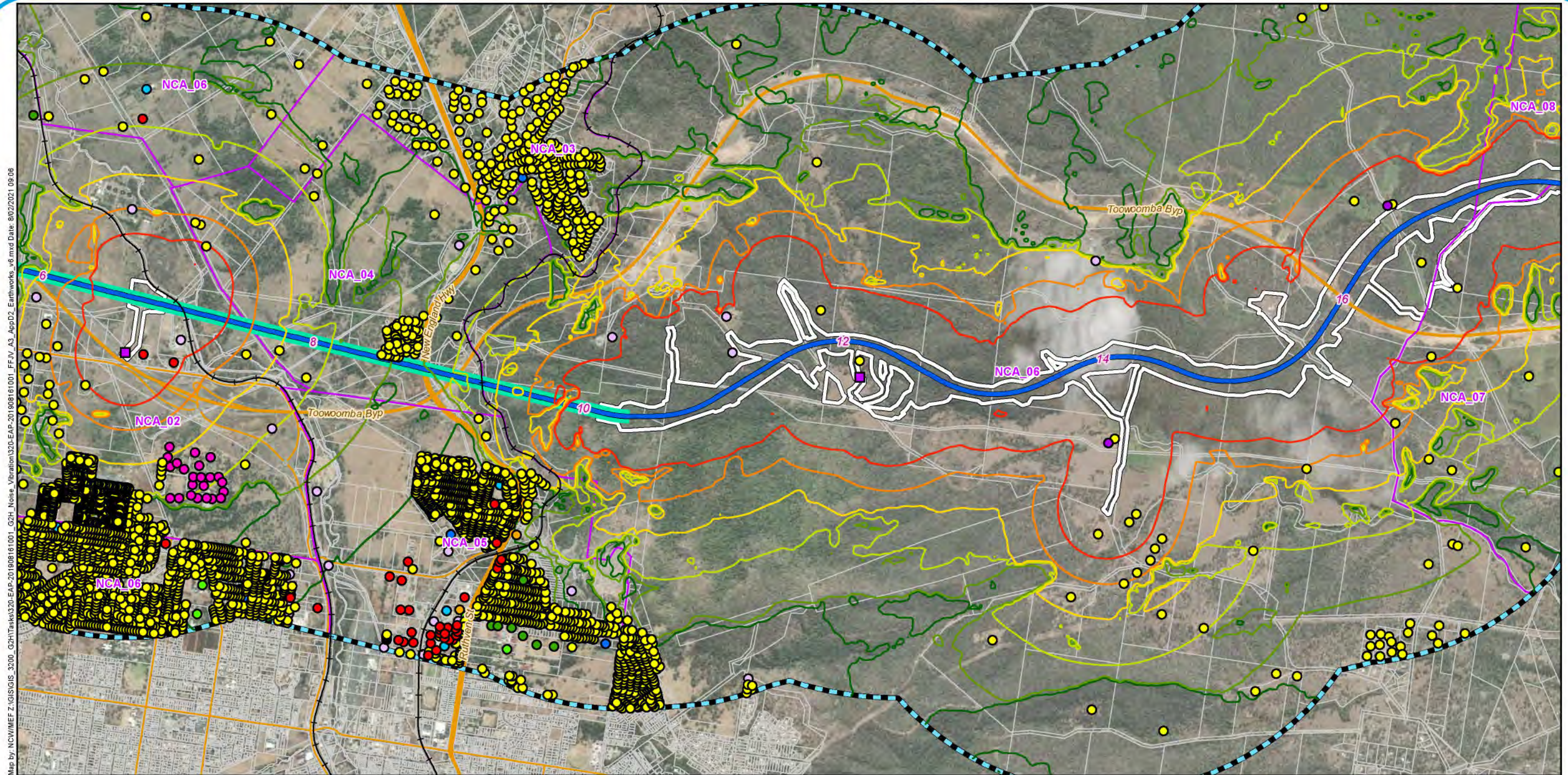
Future Freight
Integrating Community, Environment and Engineering

Issue date: 8/02/2021 Version: 6
Coordinate System: GDA 1994 MGA Zone 56

Appendix D2: Construction Noise Contours - Earthworks

Gowrie to Helidon

Map 2 of 5



Legend

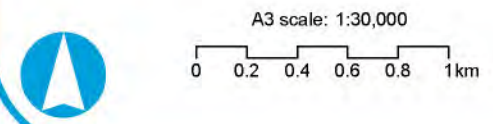
- 5 Chainage (km)
- Localities
- G2H project alignment
- Existing rail
- Tunnel
- Major roads
- Minor roads
- NCA
- Noise and vibration study area
- Cadastre
- Construction footprint

Sound Pressure Level
 $L_{Aeq}(15 \text{ minute})$ dB(A)

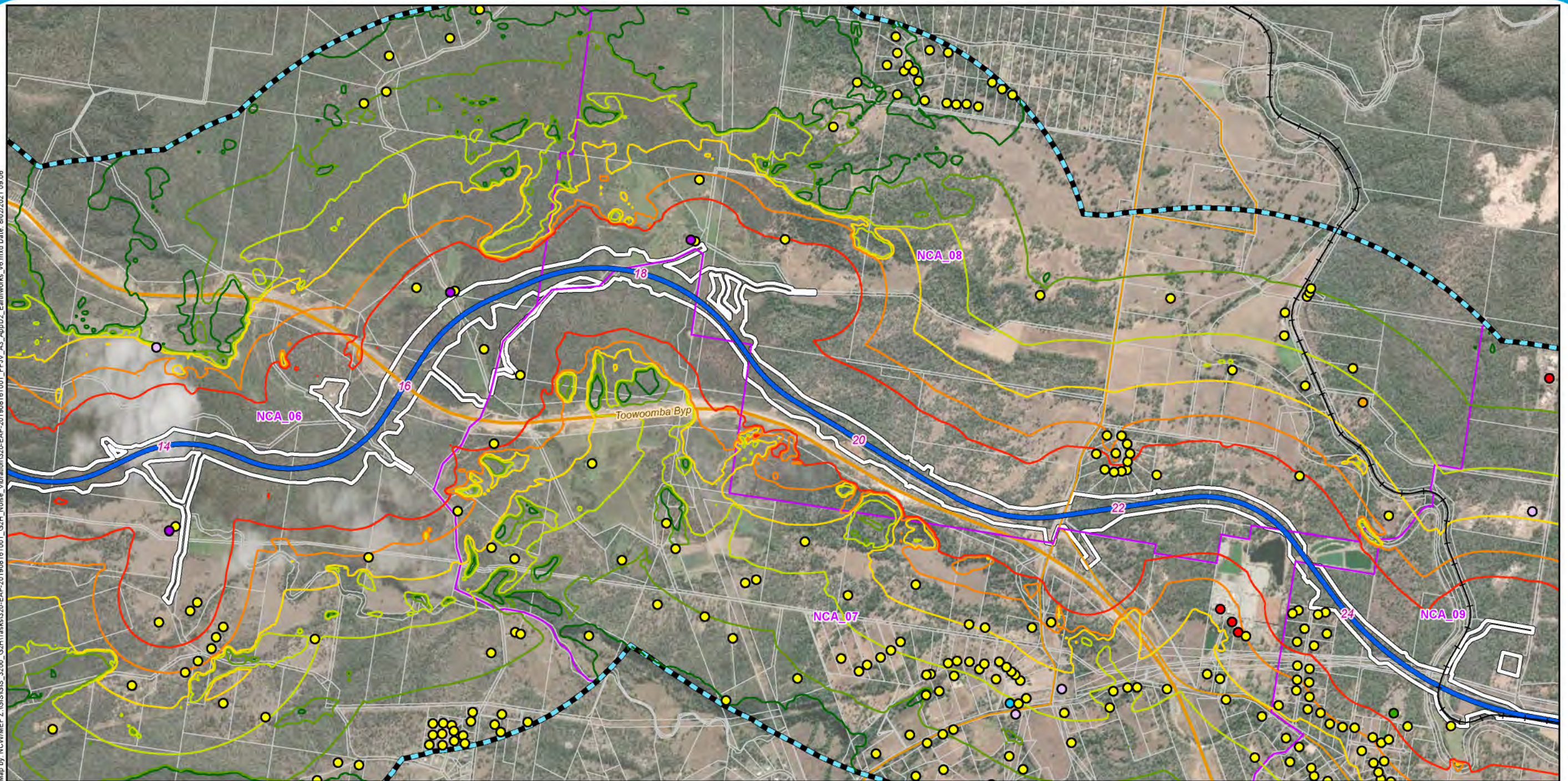
- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Heritage Inside Footprint
- Heritage Outside Footprint
- Sporting Facility Outside Footprint
- Retail Outside Footprint
- Residential Inside Footprint
- Residential Outside Footprint
- Recreational Facility Outside Footprint
- Medical Facility Outside Footprint
- Industrial Inside Footprint
- Industrial Outside Footprint
- Hotel/Motel Outside Footprint
- Educational Facility Outside Footprint
- Commercial (Offices) Outside Footprint



Map by: NCWMEF Z:\GIS\GIS_3200_G2H\Task\320-EAP-201908161001_G2H_Noise_Vibration\320-EAP-201908161001_FF_V_A3_AppD2_Earthworks_v6.mxd Date: 8/02/2021 09:06



Legend

- 5 Chainage (km)
- Localities
- G2H project alignment
- Existing rail
- Tunnel
- Major roads
- Minor roads

- NCA
- Noise and vibration study area
- Cadastre
- Construction footprint

- Sound Pressure Level**
 $L_{Aeq}(15 \text{ minute})$ dB(A)
- 45
 - 50
 - 55
 - 60
 - 65
 - 70

Sensitive Receptors

- Heritage Inside Footprint
- Heritage Outside Footprint
- Sporting Facility Outside Footprint
- Retail Outside Footprint
- Residential Inside Footprint
- Residential Outside Footprint
- Recreational Facility Outside Footprint
- Medical Facility Outside Footprint
- Industrial Inside Footprint
- Industrial Outside Footprint
- Hotel/Motel Outside Footprint
- Educational Facility Outside Footprint
- Commercial (Offices) Outside Footprint

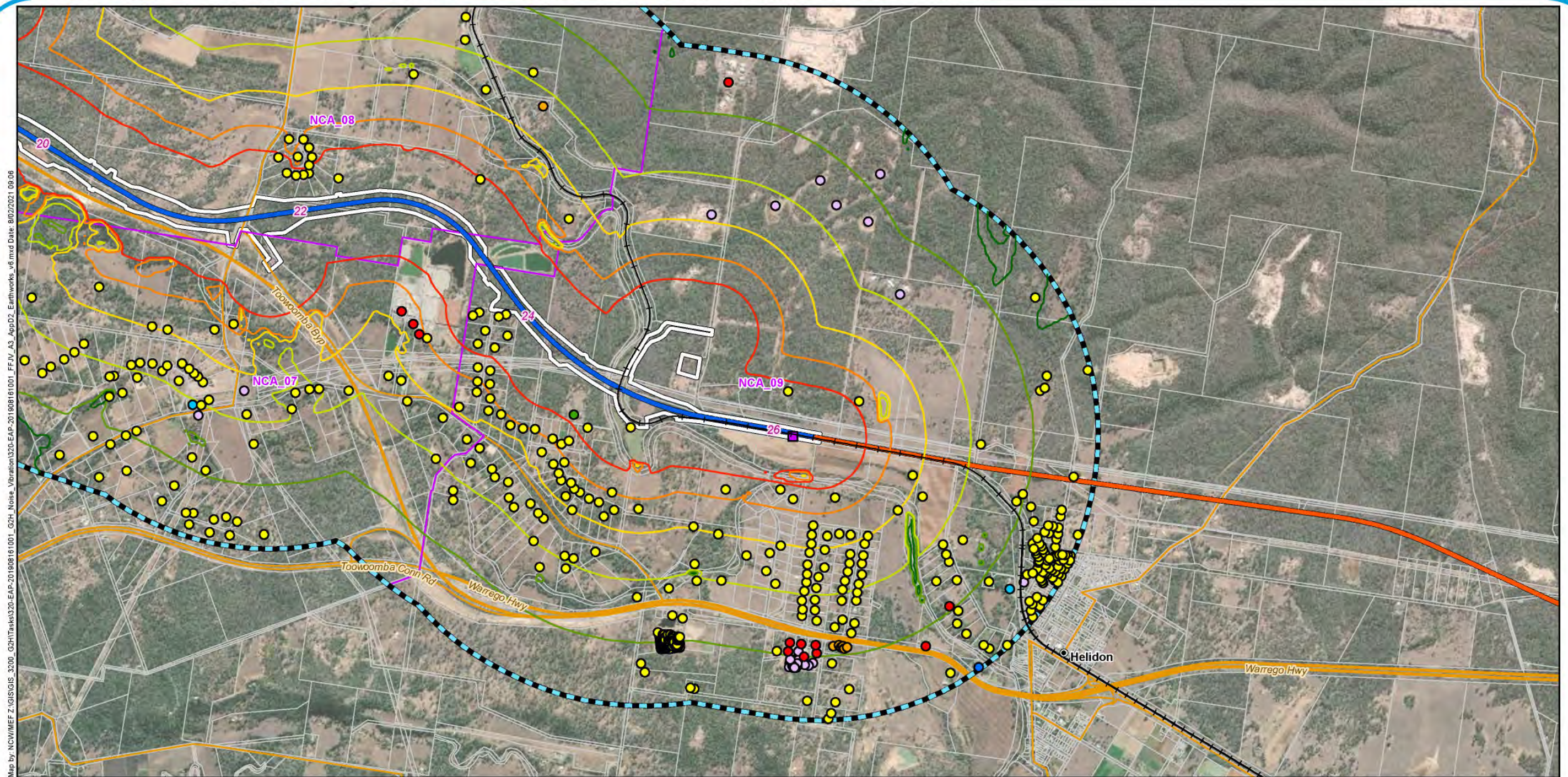


A3 scale: 1:30,000
 0 0.2 0.4 0.6 0.8 1km



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 Coordinate System: GDA 1994 MGA Zone 56



Legend

- | | | | | |
|-----------------------|--------------------------------|---|---|--|
| 5 Chainage (km) | NCA | Sound Pressure Level
$L_{Aeq}(15 \text{ minute})$ dB(A) | Sensitive Receptors | |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint | Medical Facility Outside Footprint |
| G2H project alignment | Cadastre | 50 | Heritage Outside Footprint | Industrial Inside Footprint |
| H2C project alignment | Construction footprint | 55 | Sporting Facility Outside Footprint | Industrial Outside Footprint |
| Existing rail | | 60 | Retail Outside Footprint | Hotel/Motel Outside Footprint |
| Tunnel | | 65 | Residential Inside Footprint | Educational Facility Outside Footprint |
| Major roads | | 70 | Residential Outside Footprint | Commercial (Offices) Outside Footprint |
| Minor roads | | | Recreational Facility Outside Footprint | |

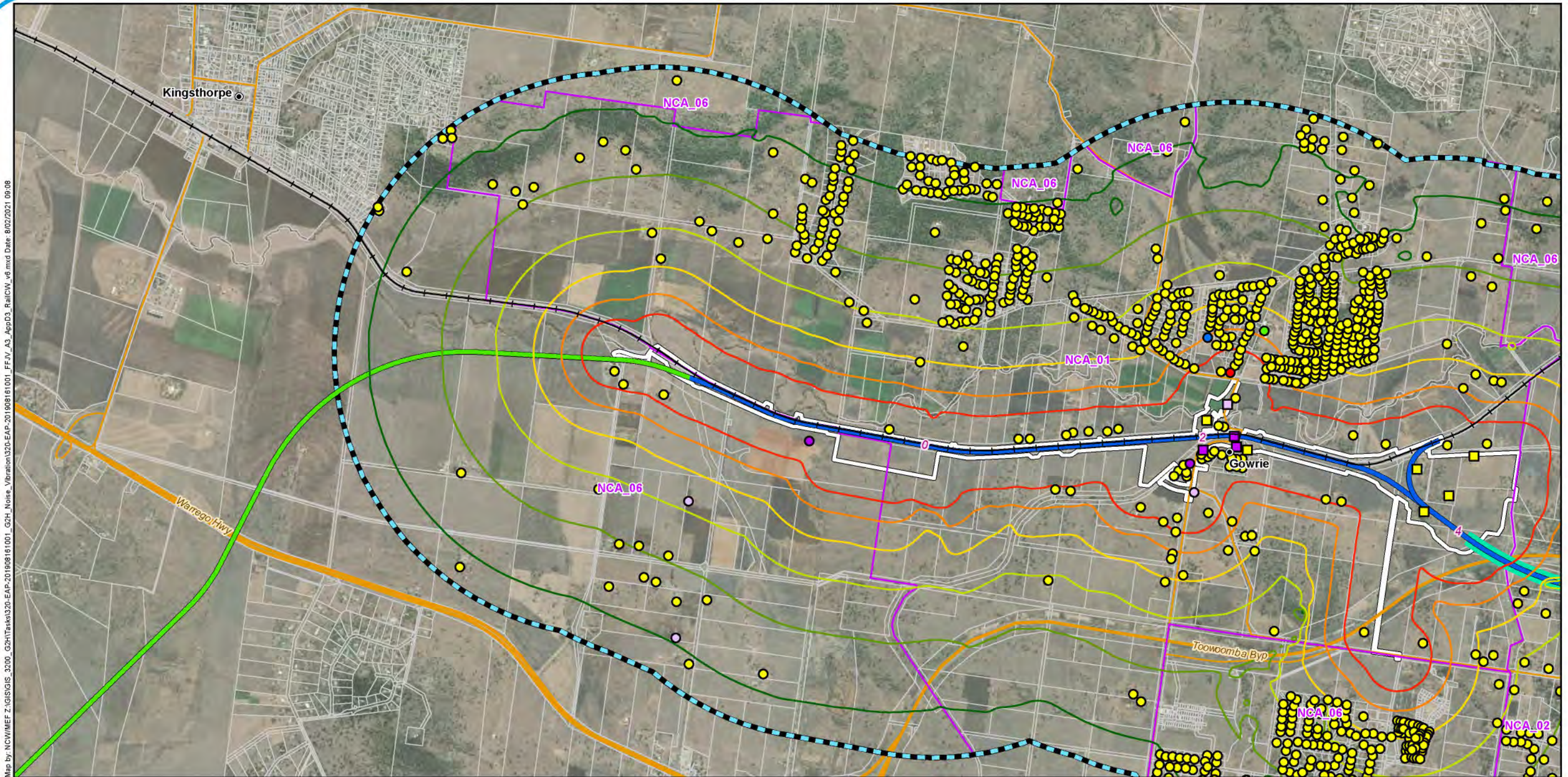


A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km



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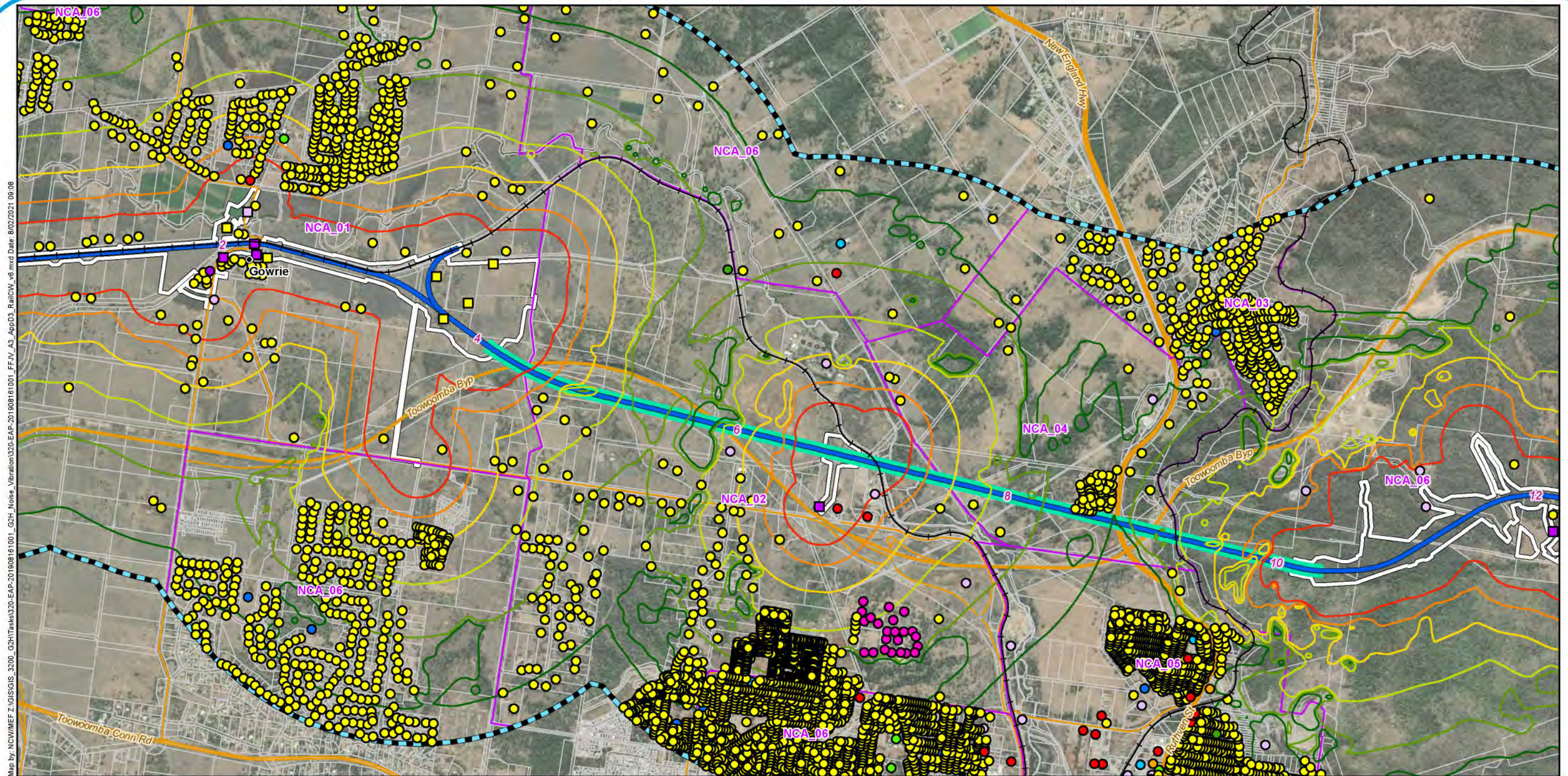


Legend

- | | | | |
|-----------------------|--------------------------------|--|---|
| 5 Chainage (km) | NCA | Sound Pressure Level
L _{Aeq} (15 minute), dB(A) | Sensitive Receptors |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint |
| B2G project alignment | Cadastre | 50 | Heritage Outside Footprint |
| G2H project alignment | Construction footprint | 55 | Sporting Facility Outside Footprint |
| Existing rail | | 60 | Retail Outside Footprint |
| Tunnel | | 65 | Residential Inside Footprint |
| Major roads | | 70 | Residential Outside Footprint |
| Minor roads | | | Recreational Facility Outside Footprint |
| | | | Medical Facility Outside Footprint |
| | | | Industrial Inside Footprint |
| | | | Industrial Outside Footprint |
| | | | Hotel/Motel Outside Footprint |
| | | | Educational Facility Outside Footprint |
| | | | Commercial (Offices) Outside Footprint |



A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km



Legend

- | | | | | |
|-----------------------|--------------------------------|--|---|--|
| 5 Chainage (km) | NCA | Sound Pressure Level
$L_{Aeq}(15 \text{ minute}), \text{dB(A)}$ | Sensitive Receptors | |
| Localities | Noise and vibration study area | | | |
| G2H project alignment | Cadastre | 45 | Heritage Inside Footprint | Medical Facility Outside Footprint |
| Existing rail | Construction footprint | 50 | Heritage Outside Footprint | Industrial Inside Footprint |
| Tunnel | | 55 | Sporting Facility Outside Footprint | Industrial Outside Footprint |
| Major roads | | 60 | Retail Outside Footprint | Hotel/Motel Outside Footprint |
| Minor roads | | 65 | Residential Inside Footprint | Educational Facility Outside Footprint |
| | | 70 | Residential Outside Footprint | Commercial (Offices) Outside Footprint |
| | | | Recreational Facility Outside Footprint | |



A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km

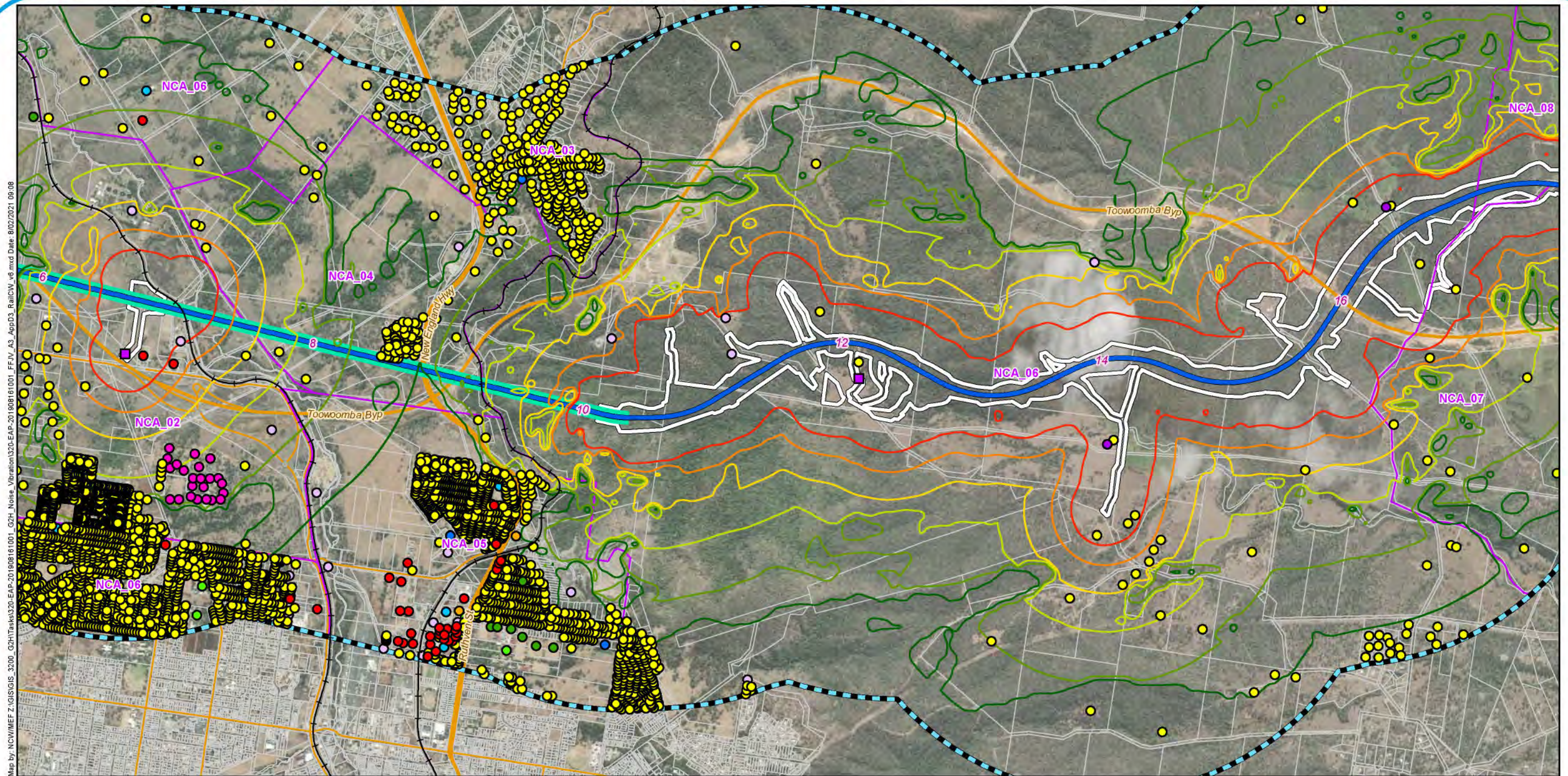


Future Freight
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Gowrie to Helidon

Appendix D3: Construction Noise Contours - Rail Civil Works
Map 2 of 5



Legend

- 5 Chainage (km)
- Localities
- G2H project alignment
- Existing rail
- Tunnel
- Major roads
- Minor roads

- NCA
- Noise and vibration study area
- Cadastre
- Construction footprint

Sound Pressure Level $L_{Aeq}(15 \text{ minute}), \text{dB(A)}$

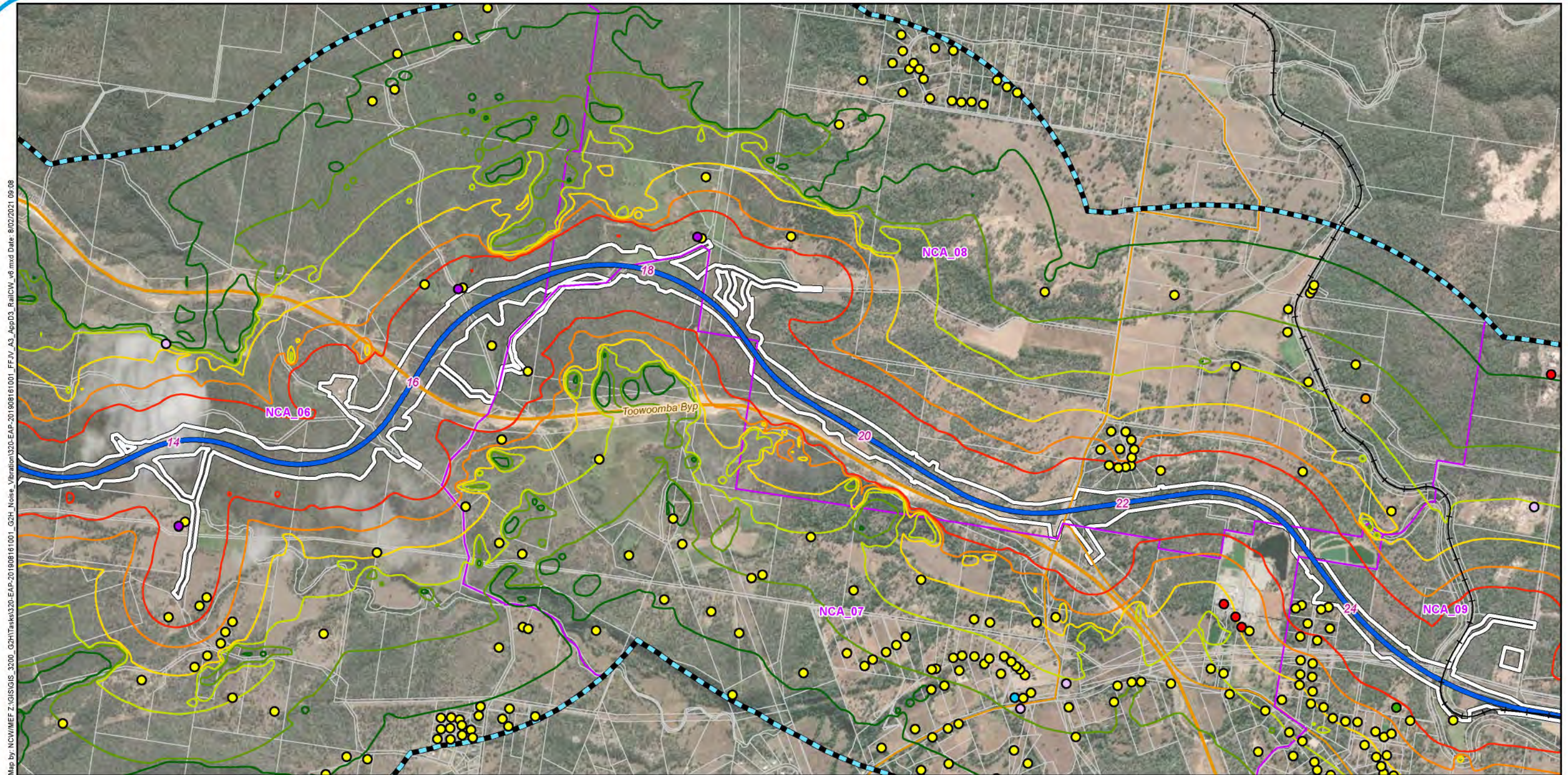
- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Heritage Inside Footprint
- Heritage Outside Footprint
- Sporting Facility Outside Footprint
- Retail Outside Footprint
- Residential Inside Footprint
- Residential Outside Footprint
- Recreational Facility Outside Footprint
- Medical Facility Outside Footprint
- Industrial Inside Footprint
- Industrial Outside Footprint
- Hotel/Motel Outside Footprint
- Educational Facility Outside Footprint
- Commercial (Offices) Outside Footprint



A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km



Legend

- | | | | | |
|-----------------------|--------------------------------|--|---|--|
| 5 Chainage (km) | NCA | Sound Pressure Level
L _{Aeq} (15 minute), dB(A) | Sensitive Receptors | |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint | Medical Facility Outside Footprint |
| G2H project alignment | Cadastre | 50 | Heritage Outside Footprint | Industrial Inside Footprint |
| Existing rail | Construction footprint | 55 | Sporting Facility Outside Footprint | Industrial Outside Footprint |
| Tunnel | | 60 | Retail Outside Footprint | Hotel/Motel Outside Footprint |
| Major roads | | 65 | Residential Inside Footprint | Educational Facility Outside Footprint |
| Minor roads | | 70 | Residential Outside Footprint | Commercial (Offices) Outside Footprint |
| | | | Recreational Facility Outside Footprint | |



A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km

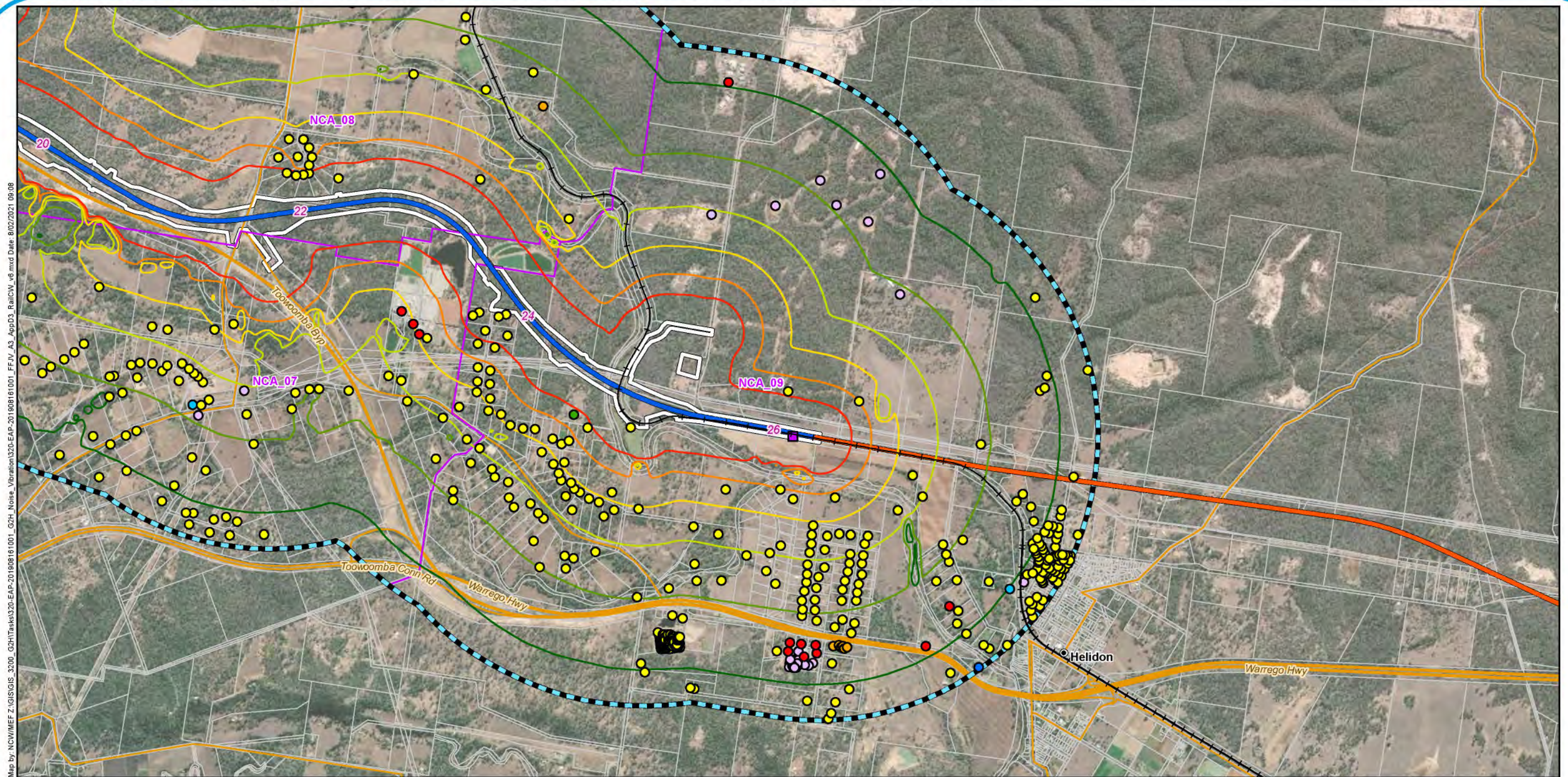


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Gowrie to Helidon

Appendix D3: Construction Noise Contours - Rail Civil Works
Map 4 of 5

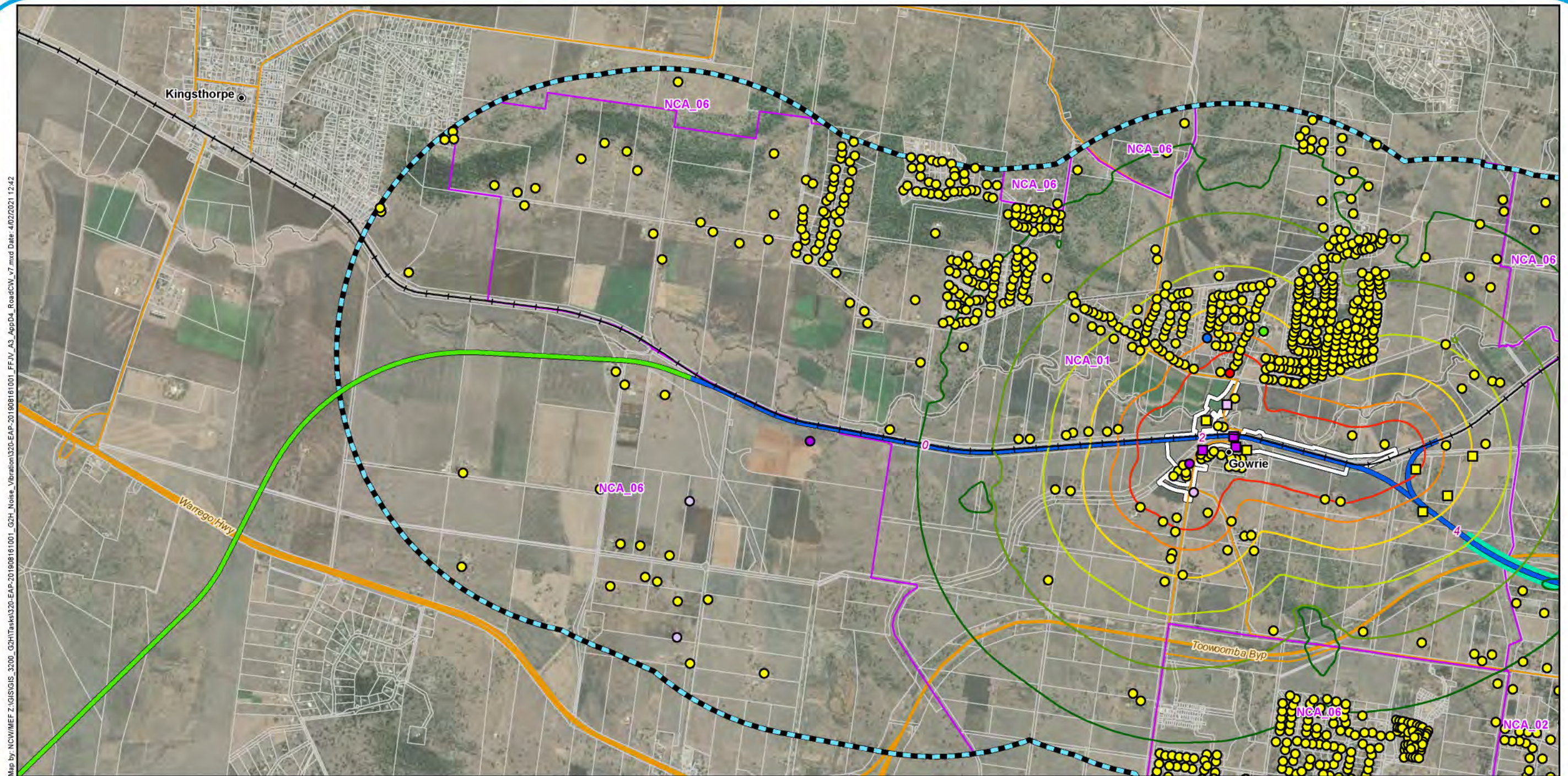


Legend

- | | | | |
|-----------------------|--------------------------------|--|---|
| 5 Chainage (km) | NCA | Sound Pressure Level
L _{Aeq} (15 minute), dB(A) | Sensitive Receptors |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint |
| G2H project alignment | Cadastre | 50 | Heritage Outside Footprint |
| H2C project alignment | Construction footprint | 55 | Sporting Facility Outside Footprint |
| Existing rail | | 60 | Retail Outside Footprint |
| Tunnel | | 65 | Residential Inside Footprint |
| Major roads | | 70 | Residential Outside Footprint |
| Minor roads | | | Recreational Facility Outside Footprint |
| | | | Medical Facility Outside Footprint |
| | | | Industrial Inside Footprint |
| | | | Industrial Outside Footprint |
| | | | Hotel/Motel Outside Footprint |
| | | | Educational Facility Outside Footprint |
| | | | Commercial (Offices) Outside Footprint |



A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km



Legend

- | | | | |
|-----------------------|--------------------------------|--|---|
| 5 Chainage (km) | NCA | Sound Pressure Level
L _{Aeq} (15 minute), dB(A) | Sensitive Receptors |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint |
| B2G project alignment | Cadastre | 50 | Heritage Outside Footprint |
| G2H project alignment | Construction footprint | 55 | Sporting Facility Outside Footprint |
| Existing rail | | 60 | Retail Outside Footprint |
| Tunnel | | 65 | Residential Inside Footprint |
| Major roads | | 70 | Residential Outside Footprint |
| Minor roads | | | Recreational Facility Outside Footprint |
| | | | Medical Facility Outside Footprint |
| | | | Industrial Inside Footprint |
| | | | Industrial Outside Footprint |
| | | | Hotel/Motel Outside Footprint |
| | | | Educational Facility Outside Footprint |
| | | | Commercial (Offices) Outside Footprint |



A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km



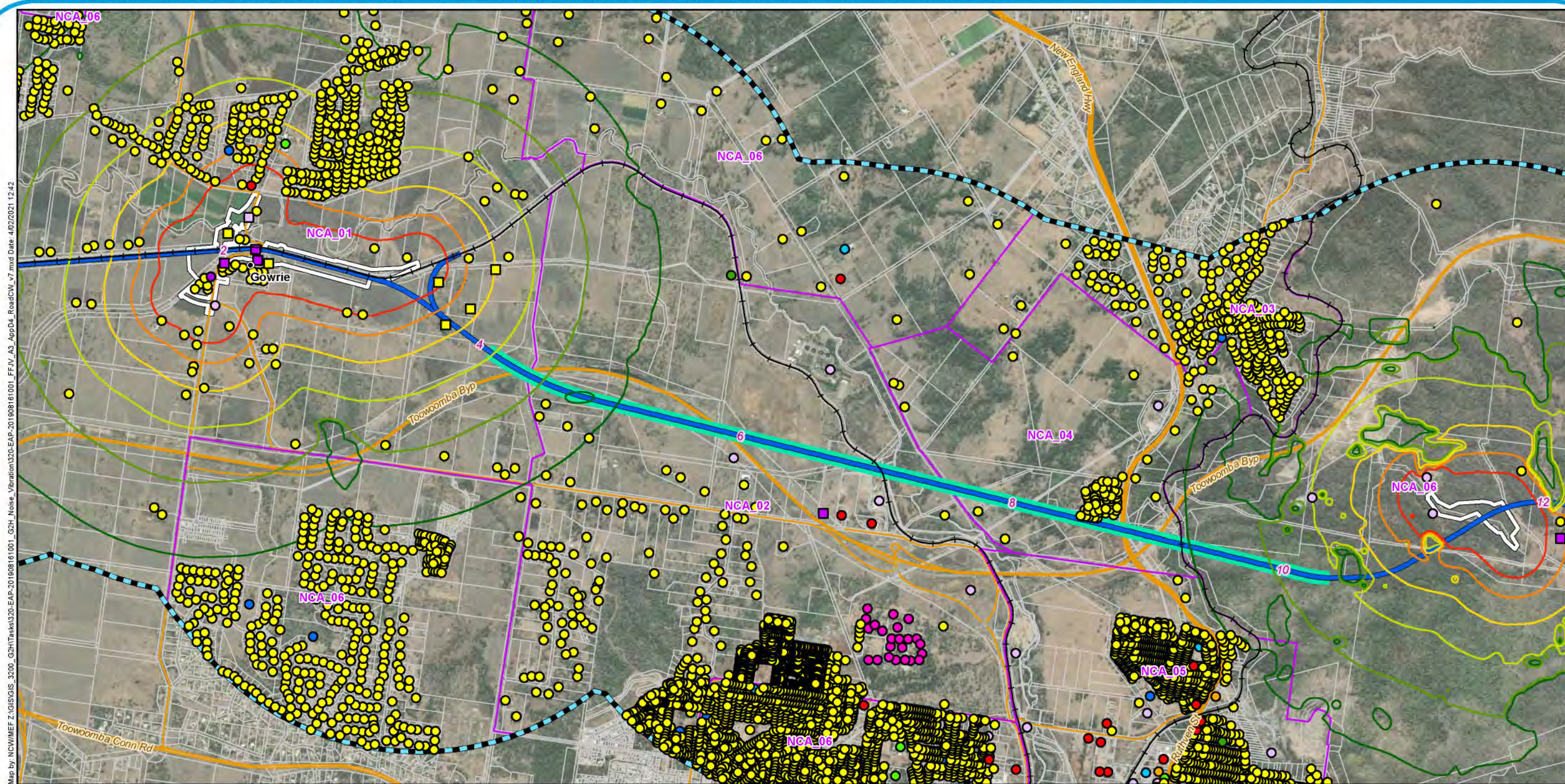
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Issue date: 4/02/2021 Version: 7
Coordinate System: GDA 1994 MGA Zone 56

Gowrie to Helidon

Appendix D4: Construction Noise Contours - Road Civil Works

Map 1 of 5



Legend

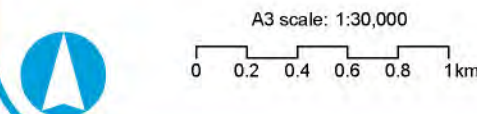
- 5 Chainage (km)
- Localities
- G2H project alignment
- Existing rail
- Tunnel
- Major roads
- Minor roads
- NCA
- Noise and vibration study area
- Cadastre
- Construction footprint

Sound Pressure Level
L_{Aeq}(15 minute), dB(A)

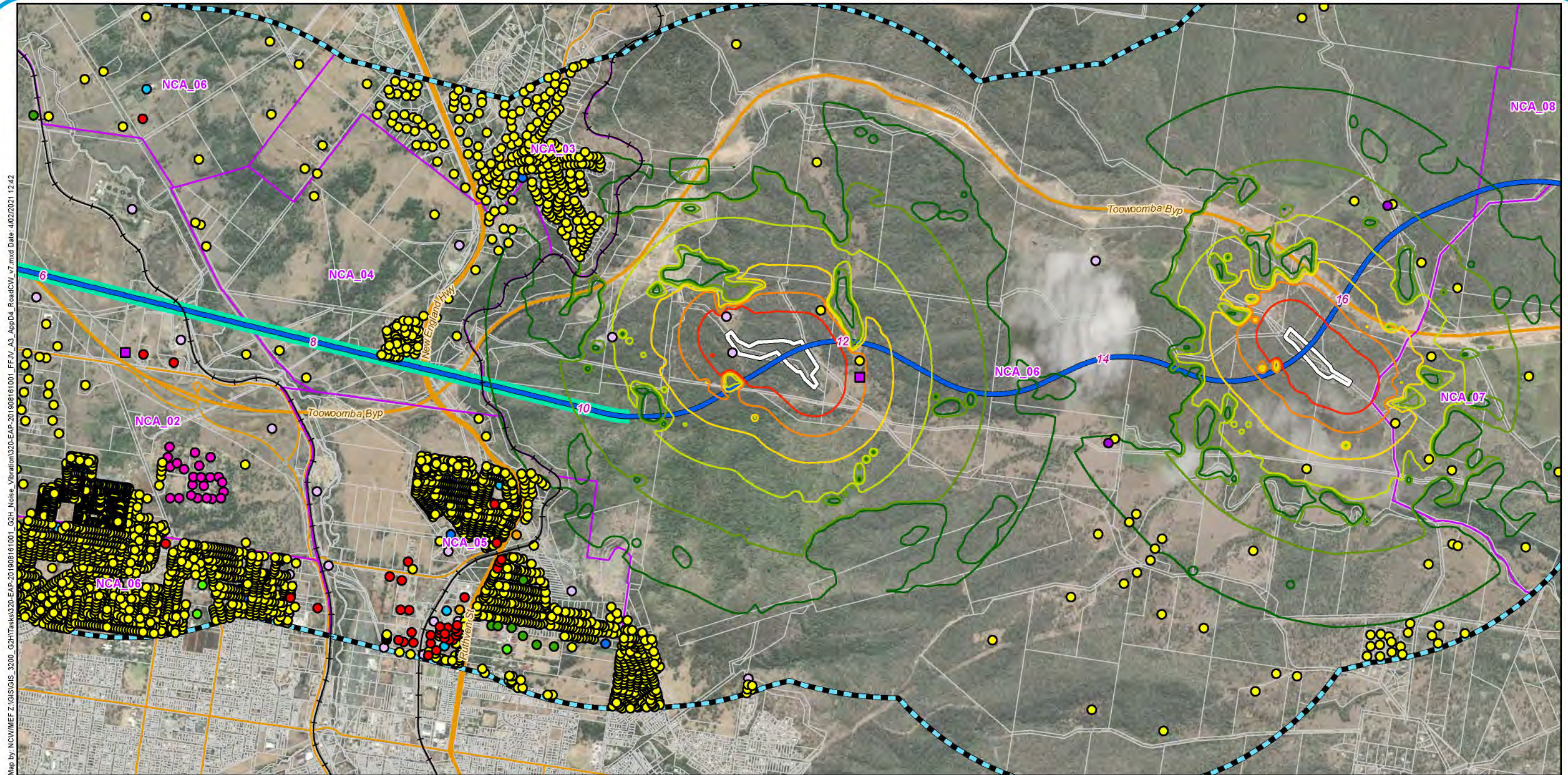
- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Heritage Inside Footprint
- Heritage Outside Footprint
- Sporting Facility Outside Footprint
- Retail Outside Footprint
- Residential Inside Footprint
- Residential Outside Footprint
- Recreational Facility Outside Footprint
- Medical Facility Outside Footprint
- Industrial Inside Footprint
- Industrial Outside Footprint
- Hotel/Motel Outside Footprint
- Educational Facility Outside Footprint
- Commercial (Offices) Outside Footprint



Map by NCWMEF 2:GIS\GIS\3200_G2H\Tasks\320-EAP-201908161001_G2H_Noise_Vibration\320-EAP-201908161001_FF_V_A3_App04_ReadCiv_W7.mxd Date: 4/02/2021 12:42



Legend

- 5 Chainage (km)
- Localities
- G2H project alignment
- Existing rail
- Tunnel
- Major roads
- Minor roads

- NCA
- Noise and vibration study area
- Cadastre
- Construction footprint

Sound Pressure Level $L_{Aeq}(15 \text{ minute}), \text{dB(A)}$

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Heritage Inside Footprint
- Heritage Outside Footprint
- Sporting Facility Outside Footprint
- Retail Outside Footprint
- Residential Inside Footprint
- Residential Outside Footprint
- Recreational Facility Outside Footprint
- Medical Facility Outside Footprint
- Industrial Inside Footprint
- Industrial Outside Footprint
- Hotel/Motel Outside Footprint
- Educational Facility Outside Footprint
- Commercial (Offices) Outside Footprint



A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km



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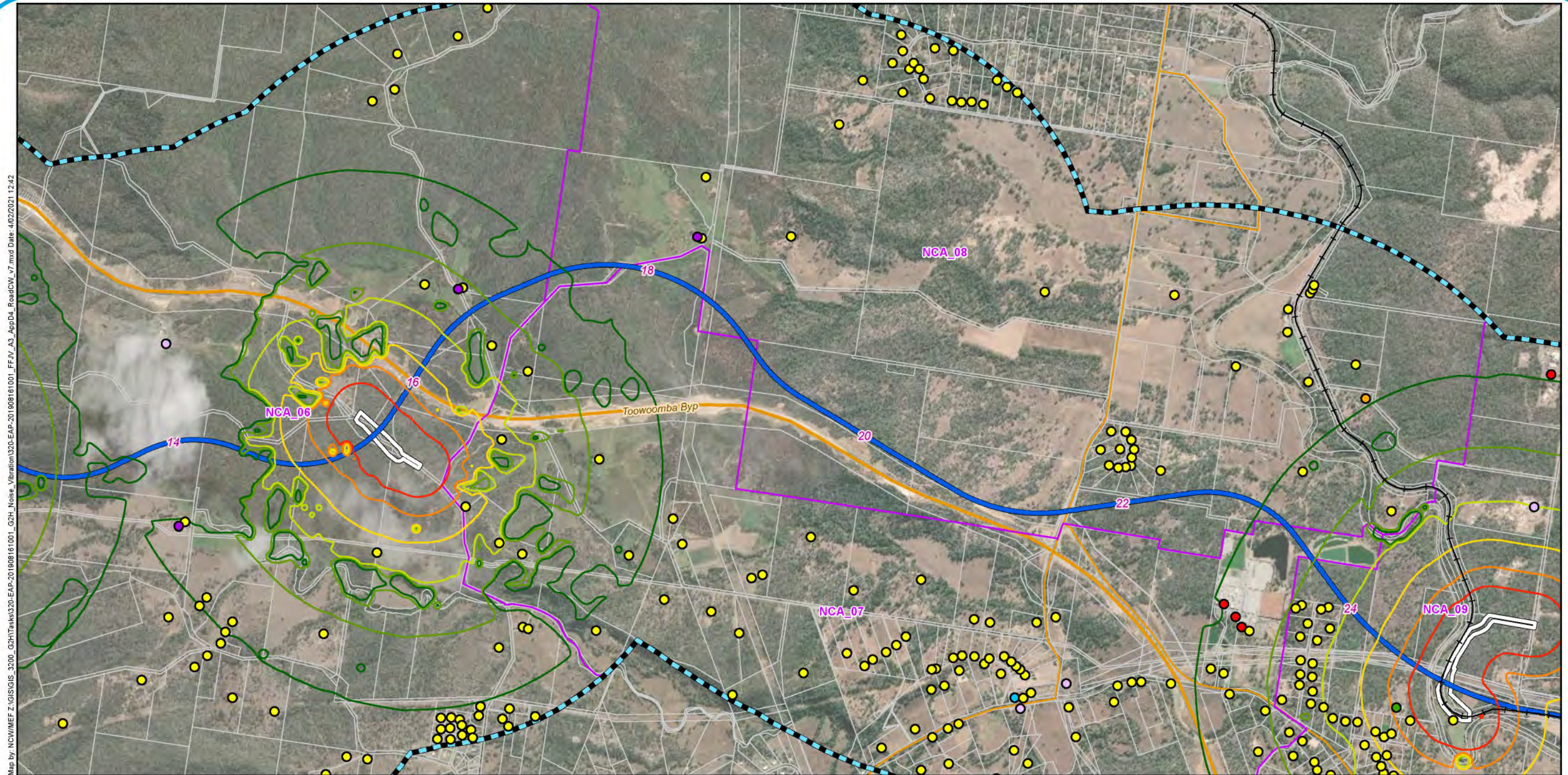
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Coordinate System: GDA 1994 MGA Zone 56

Gowrie to Helidon

Appendix D4: Construction Noise Contours - Road Civil Works

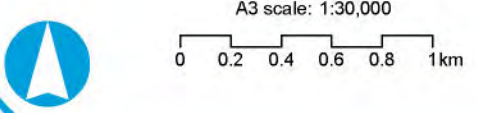
Map 3 of 5

Map by: NCWMEF Z:\GIS\GIS_3200_G2H\Task\320-EAP-201908161001_G2H_Noise_Vibration\320-EAP-201908161001_FF_V_A3_AppD4_ReadCW_v7.mxd Date: 4/02/2021 12:42



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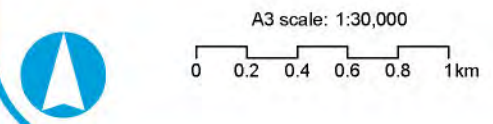
- | | | | |
|-----------------------|--------------------------------|--|---|
| 5 Chainage (km) | NCA | Sound Pressure Level
L _{Aeq} (15 minute), dB(A) | Sensitive Receptors |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint |
| G2H project alignment | Cadastre | 50 | Heritage Outside Footprint |
| Existing rail | Construction footprint | 55 | Sporting Facility Outside Footprint |
| Tunnel | | 60 | Retail Outside Footprint |
| Major roads | | 65 | Residential Inside Footprint |
| Minor roads | | 70 | Residential Outside Footprint |
| | | | Recreational Facility Outside Footprint |
| | | | Medical Facility Outside Footprint |
| | | | Industrial Inside Footprint |
| | | | Industrial Outside Footprint |
| | | | Hotel/Motel Outside Footprint |
| | | | Educational Facility Outside Footprint |
| | | | Commercial (Offices) Outside Footprint |

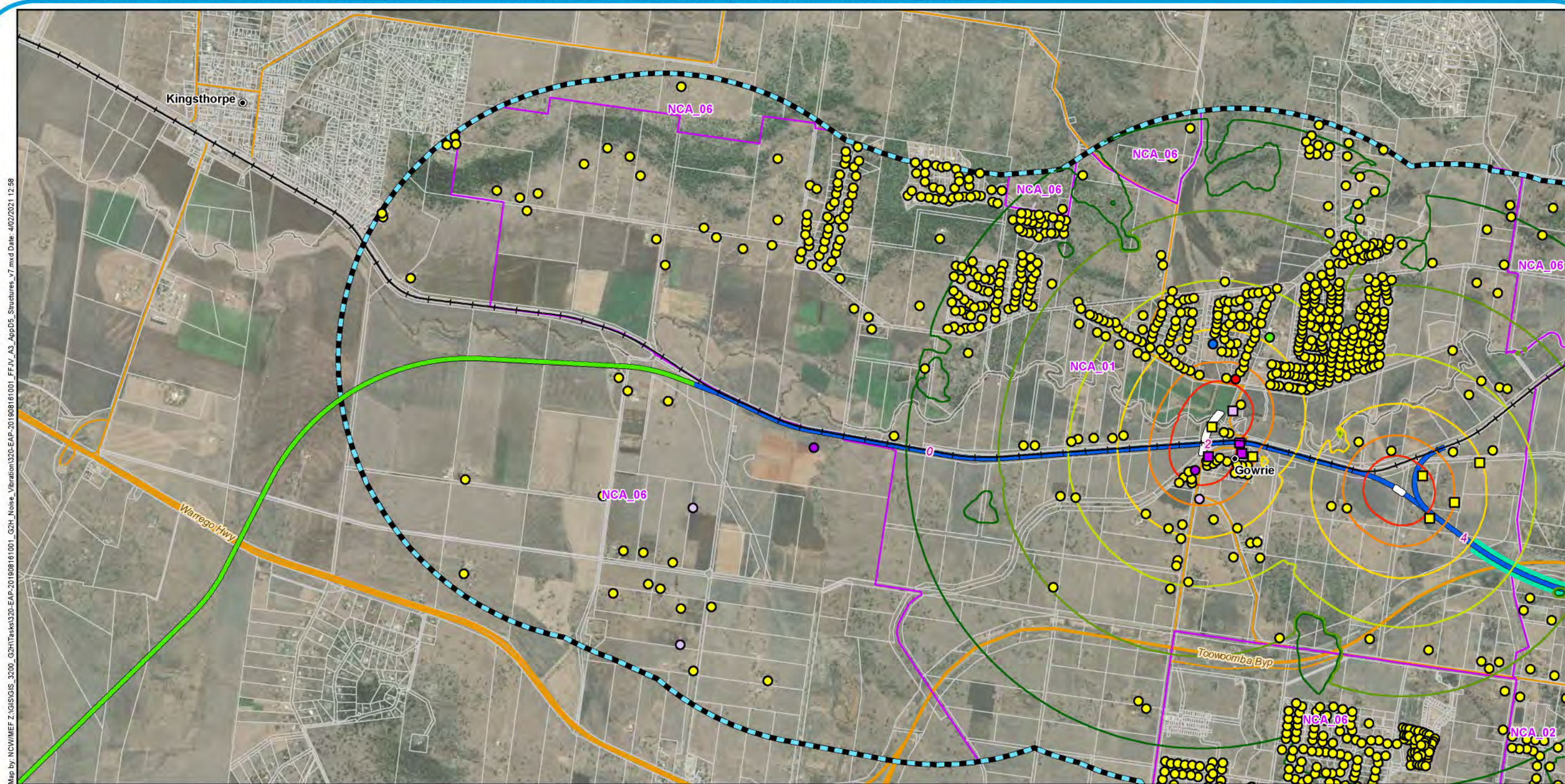




Legend

- | | | | |
|-----------------------|--------------------------------|--|---|
| 5 Chainage (km) | NCA | Sound Pressure Level
L _{Aeq} (15 minute), dB(A) | Sensitive Receptors |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint |
| G2H project alignment | Cadastre | 50 | Heritage Outside Footprint |
| H2C project alignment | Construction footprint | 55 | Sporting Facility Outside Footprint |
| Existing rail | | 60 | Retail Outside Footprint |
| Tunnel | | 65 | Residential Inside Footprint |
| Major roads | | 70 | Residential Outside Footprint |
| Minor roads | | | Recreational Facility Outside Footprint |
| | | | Medical Facility Outside Footprint |
| | | | Industrial Inside Footprint |
| | | | Industrial Outside Footprint |
| | | | Hotel/Motel Outside Footprint |
| | | | Educational Facility Outside Footprint |
| | | | Commercial (Offices) Outside Footprint |





Map by: NCWMEF 2:GIS\GIS_3200_G2H\Tasks\320-EAP-201908161001_G2H_Noise_Vibration\320-EAP-201908161001_FF.V_A3_AppD5_Structures_v7.mxd Date: 4/02/2021 12:58

Legend

- | | | | |
|-----------------------|--------------------------------|--|---|
| 5 Chainage (km) | NCA | Sound Pressure Level
$L_{Aeq}(15 \text{ minute})$ dB(A) | Sensitive Receptors |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint |
| B2G project alignment | Cadastre | 50 | Heritage Outside Footprint |
| G2H project alignment | Construction footprint | 55 | Sporting Facility Outside Footprint |
| Tunnel | | 60 | Retail Outside Footprint |
| Major roads | | 65 | Residential Inside Footprint |
| Minor roads | | 70 | Residential Outside Footprint |
| | | | Recreational Facility Outside Footprint |
| | | | Medical Facility Outside Footprint |
| | | | Industrial Inside Footprint |
| | | | Industrial Outside Footprint |
| | | | Hotel/Motel Outside Footprint |
| | | | Educational Facility Outside Footprint |
| | | | Commercial (Offices) Outside Footprint |

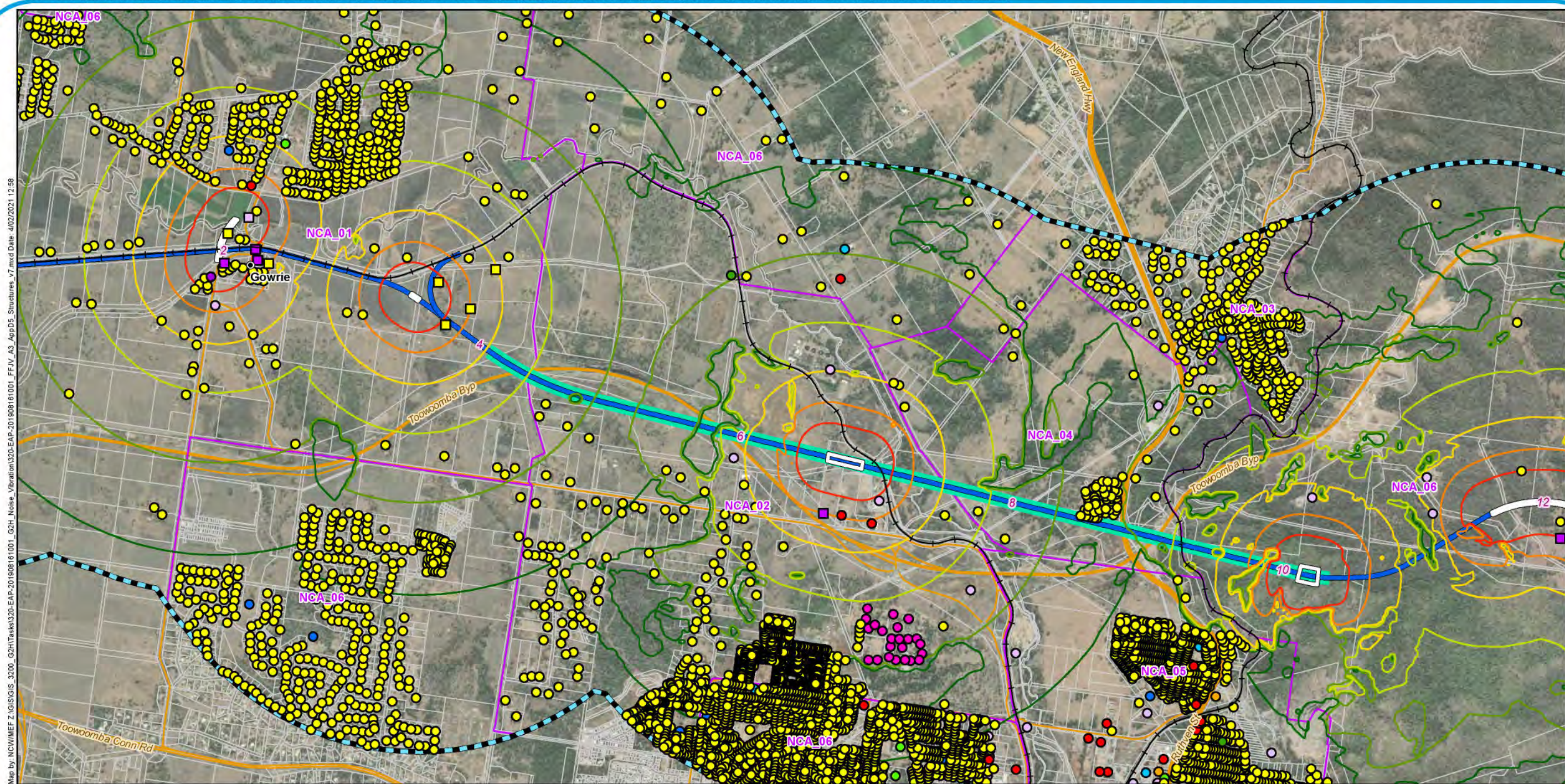


A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km



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Legend

- | | | | |
|-----------------------|--------------------------------|--|---|
| 5 Chainage (km) | NCA | Sound Pressure Level
$L_{Aeq}(15 \text{ minute})$, dB(A) | Sensitive Receptors |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint |
| G2H project alignment | Cadastre | 50 | Heritage Outside Footprint |
| Tunnel | Construction footprint | 55 | Sporting Facility Outside Footprint |
| Major roads | | 60 | Retail Outside Footprint |
| Minor roads | | 65 | Residential Inside Footprint |
| | | 70 | Residential Outside Footprint |
| | | | Recreational Facility Outside Footprint |
| | | | Medical Facility Outside Footprint |
| | | | Industrial Inside Footprint |
| | | | Industrial Outside Footprint |
| | | | Hotel/Motel Outside Footprint |
| | | | Educational Facility Outside Footprint |
| | | | Commercial (Offices) Outside Footprint |

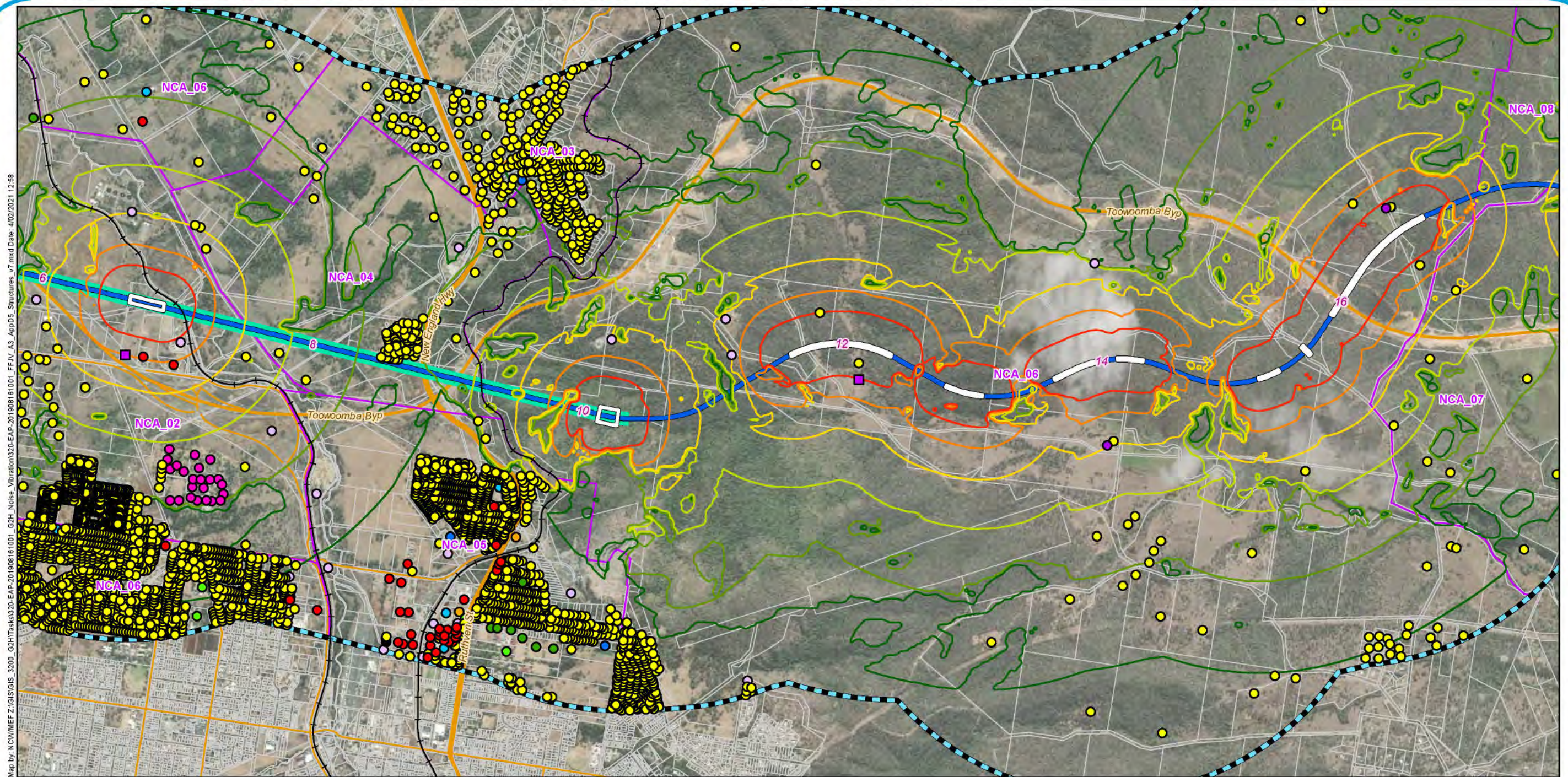


A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km



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Integrating Community, Environment and Engineering

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Legend

- | | | | |
|-----------------------|--------------------------------|--|---|
| 5 Chainage (km) | NCA | Sound Pressure Level
$L_{Aeq}(15 \text{ minute})$ dB(A) | Sensitive Receptors |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint |
| G2H project alignment | Cadastre | 50 | Heritage Outside Footprint |
| Tunnel | Construction footprint | 55 | Sporting Facility Outside Footprint |
| Major roads | | 60 | Retail Outside Footprint |
| Minor roads | | 65 | Residential Inside Footprint |
| | | 70 | Residential Outside Footprint |
| | | | Recreational Facility Outside Footprint |
| | | | Medical Facility Outside Footprint |
| | | | Industrial Inside Footprint |
| | | | Industrial Outside Footprint |
| | | | Hotel/Motel Outside Footprint |
| | | | Educational Facility Outside Footprint |
| | | | Commercial (Offices) Outside Footprint |



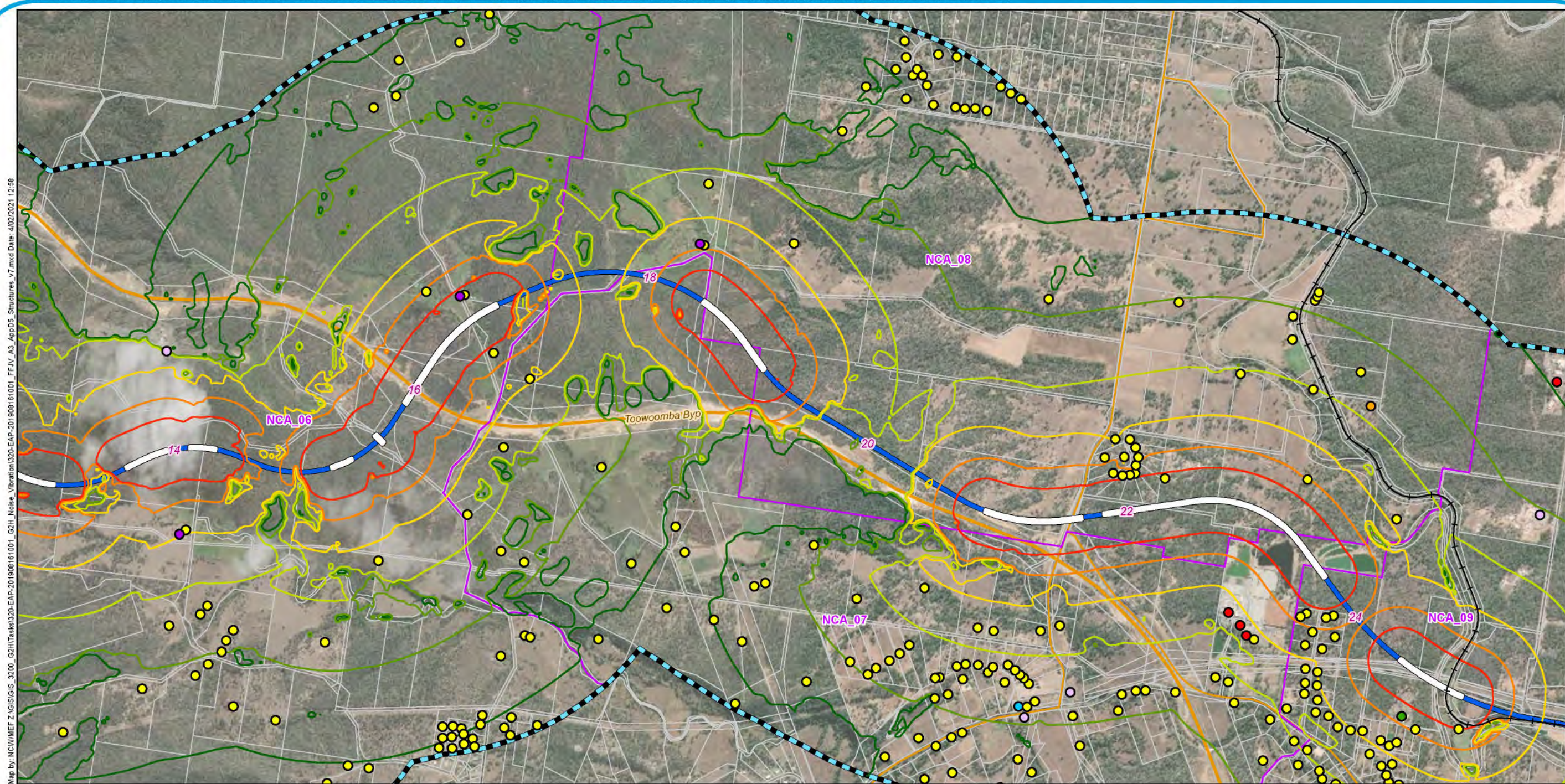
A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km



Future Freight
Integrating Community, Environment and Engineering

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Coordinate System: GDA 1994 MGA Zone 56

Map by: NCWMEF Z:\GIS\GIS 3200_G2H\Task\320-EAP-201908161001_G2H_Noise_Vibration\320-EAP-201908161001_FF_V_A3_AppD5_Structures_v7.mxd Date: 4/02/2021 12:58



Legend

5 Chainage (km)

Localities

G2H project alignment

Tunnel

Major roads

Minor roads

NCA

Noise and vibration study area

Cadastre

Construction footprint

Sound Pressure Level
L_{Aeq}(15 minute), dB(A)

45

50

55

60

65

70

Sensitive Receptors

Heritage Inside Footprint

Heritage Outside Footprint

Sporting Facility Outside Footprint

Retail Outside Footprint

Residential Inside Footprint

Residential Outside Footprint

Recreational Facility Outside Footprint

Medical Facility Outside Footprint

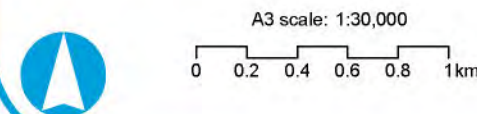
Industrial Inside Footprint

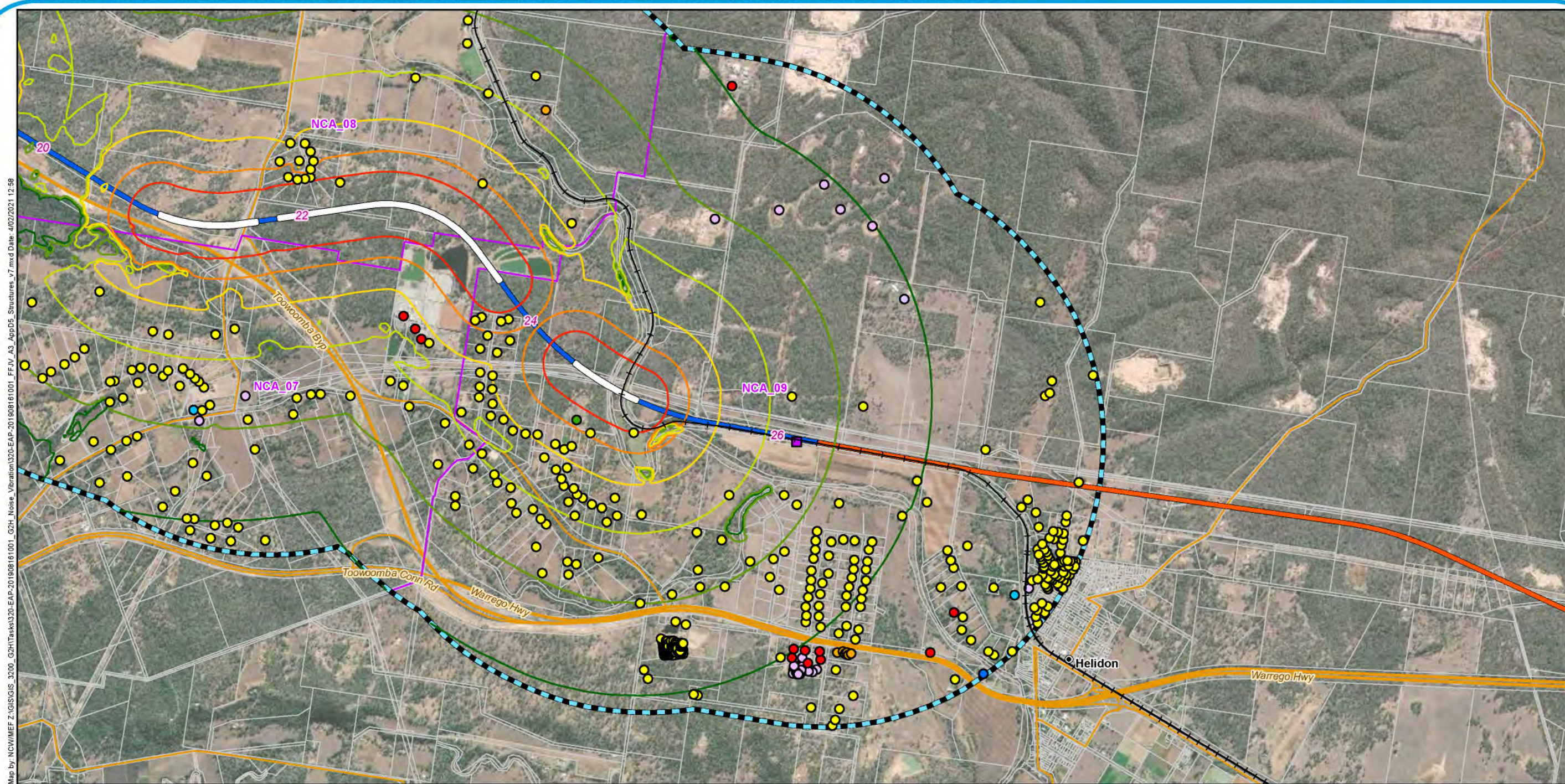
Industrial Outside Footprint

Hotel/Motel Outside Footprint

Educational Facility Outside Footprint

Commercial (Offices) Outside Footprint





Legend

- | | | | |
|-----------------------|--------------------------------|--|---|
| 5 Chainage (km) | NCA | Sound Pressure Level
L _{Aeq} (15 minute), dB(A) | Sensitive Receptors |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint |
| G2H project alignment | Cadastre | 50 | Heritage Outside Footprint |
| H2C project alignment | Construction footprint | 55 | Sporting Facility Outside Footprint |
| Tunnel | | 60 | Retail Outside Footprint |
| Major roads | | 65 | Residential Inside Footprint |
| Minor roads | | 70 | Residential Outside Footprint |
| | | | Recreational Facility Outside Footprint |
| | | | Medical Facility Outside Footprint |
| | | | Industrial Inside Footprint |
| | | | Industrial Outside Footprint |
| | | | Hotel/Motel Outside Footprint |
| | | | Educational Facility Outside Footprint |
| | | | Commercial (Offices) Outside Footprint |

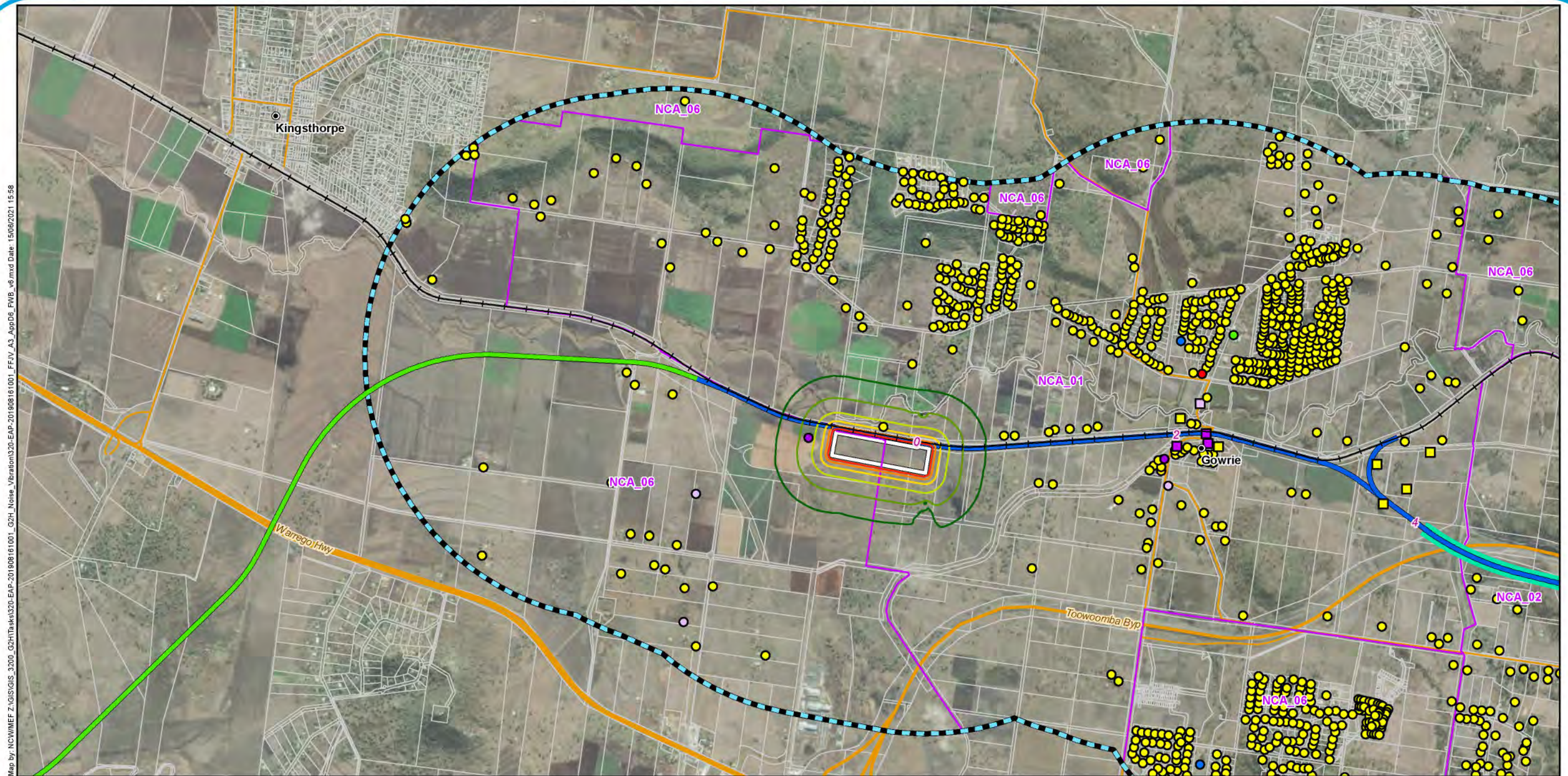


A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km



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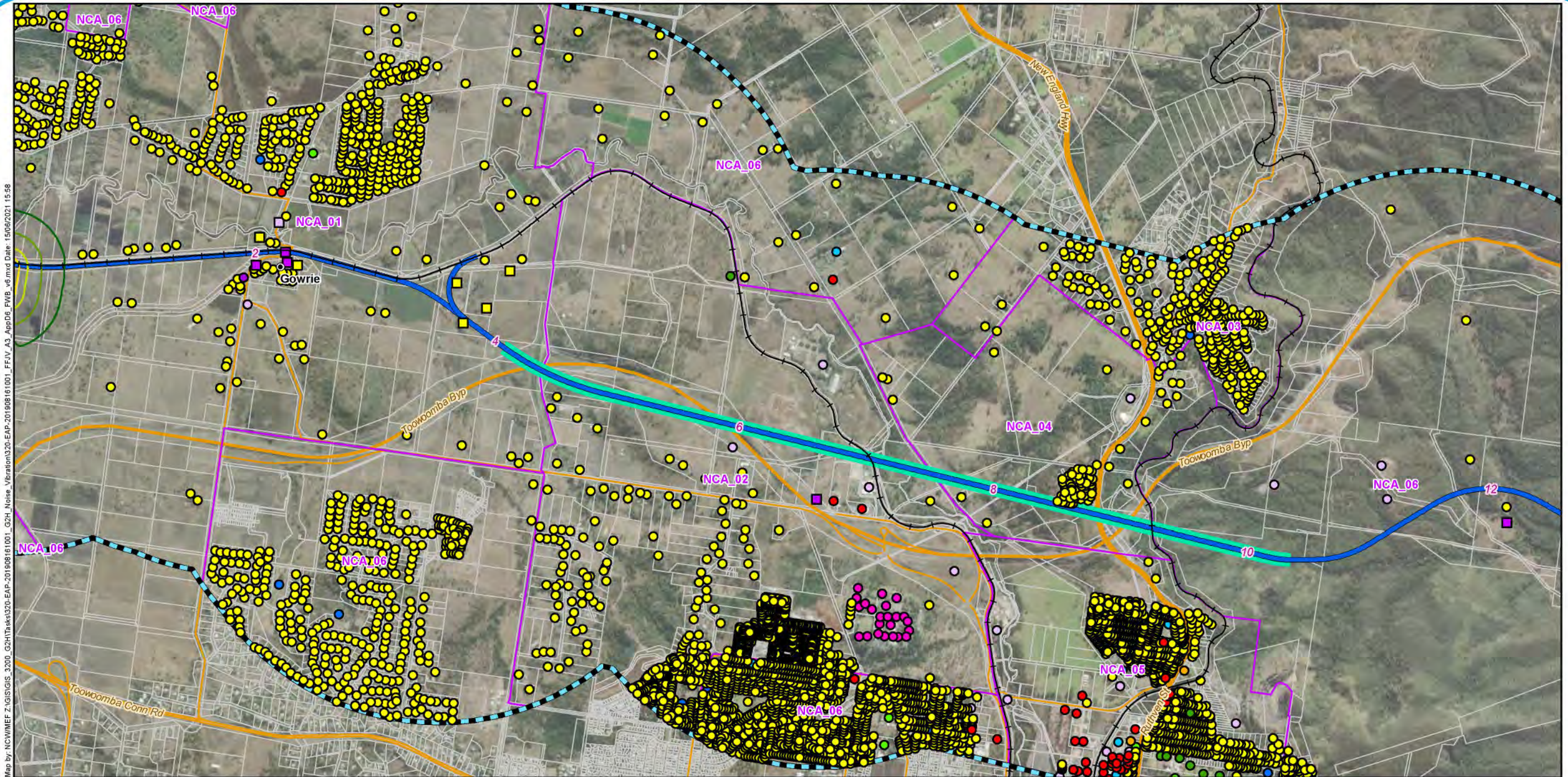


Legend

- | | | | |
|-----------------------|--------------------------------|--|---|
| 5 Chainage (km) | NCA | Sound Pressure Level
$L_{Aeq}(15 \text{ minute})$ dB(A) | Sensitive Receptors |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint |
| B2G project alignment | Cadastre | 50 | Heritage Outside Footprint |
| G2H project alignment | Construction footprint | 55 | Sporting Facility Outside Footprint |
| Existing rail | | 60 | Retail Outside Footprint |
| Tunnel | | 65 | Residential Inside Footprint |
| Major roads | | 70 | Residential Outside Footprint |
| Minor roads | | | Recreational Facility Outside Footprint |
| | | | Medical Facility Outside Footprint |
| | | | Industrial Inside Footprint |
| | | | Industrial Outside Footprint |
| | | | Hotel/Motel Outside Footprint |
| | | | Educational Facility Outside Footprint |
| | | | Commercial (Offices) Outside Footprint |



A3 scale: 1:32,000
0 0.25 0.5 0.75 1 1.25 km



Legend

- | | | | | |
|-----------------------|--------------------------------|--|---|--|
| 5 Chainage (km) | NCA | Sound Pressure Level
$L_{Aeq}(15 \text{ minute})$ dB(A) | Sensitive Receptors | |
| Localities | Noise and vibration study area | | | |
| G2H project alignment | Cadastre | 45 | Heritage Inside Footprint | Medical Facility Outside Footprint |
| Existing rail | Construction footprint | 50 | Heritage Outside Footprint | Industrial Inside Footprint |
| Tunnel | | 55 | Sporting Facility Outside Footprint | Industrial Outside Footprint |
| Major roads | | 60 | Retail Outside Footprint | Hotel/Motel Outside Footprint |
| Minor roads | | 65 | Residential Inside Footprint | Educational Facility Outside Footprint |
| | | 70 | Residential Outside Footprint | Commercial (Offices) Outside Footprint |
| | | | Recreational Facility Outside Footprint | |

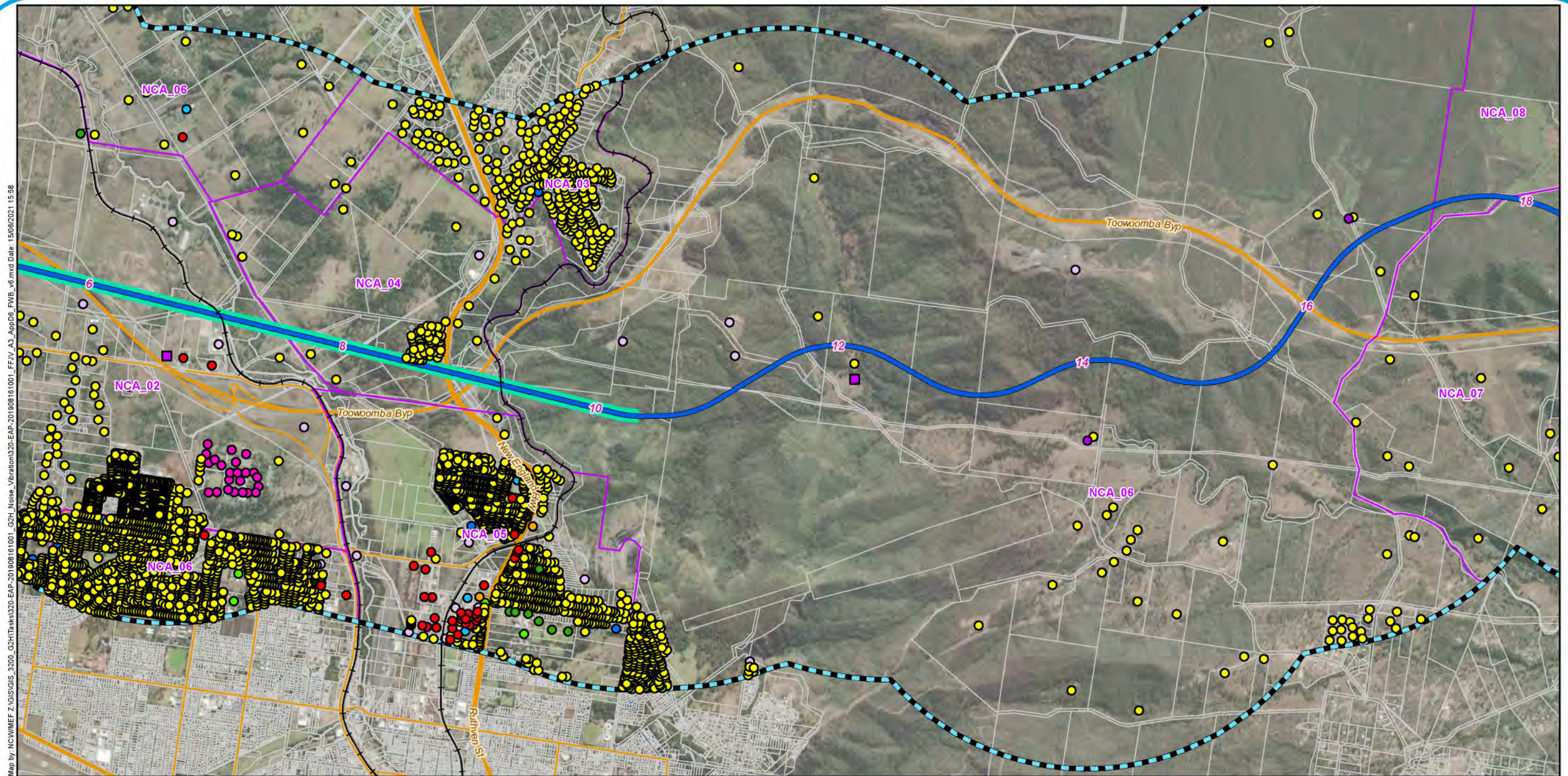


A3 scale: 1:32,000
0 0.25 0.5 0.75 1 1.25 km



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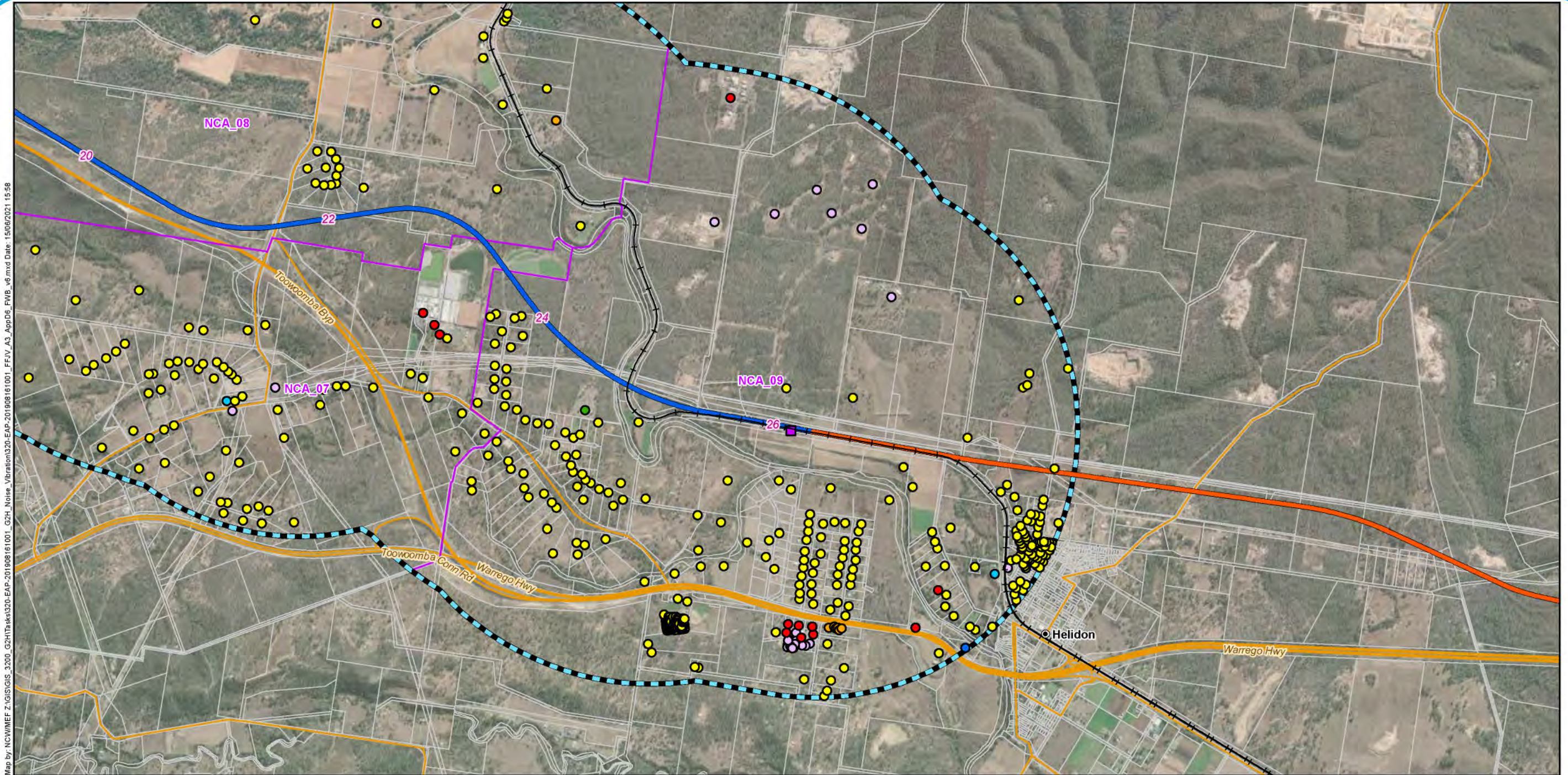
Legend

- | | | | |
|-----------------------|--------------------------------|--|---|
| 5 Chainage (km) | NCA | Sound Pressure Level
$L_{Aeq}(15 \text{ minute})$ dB(A) | Sensitive Receptors |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint |
| G2H project alignment | Cadastre | 50 | Heritage Outside Footprint |
| Existing rail | Construction footprint | 55 | Sporting Facility Outside Footprint |
| Tunnel | | 60 | Retail Outside Footprint |
| Major roads | | 65 | Residential Inside Footprint |
| Minor roads | | 70 | Residential Outside Footprint |
| | | | Recreational Facility Outside Footprint |
| | | | Medical Facility Outside Footprint |
| | | | Industrial Inside Footprint |
| | | | Industrial Outside Footprint |
| | | | Hotel/Motel Outside Footprint |
| | | | Educational Facility Outside Footprint |
| | | | Commercial (Offices) Outside Footprint |



A3 scale: 1:32,000
0 0.25 0.5 0.75 1 1.25 km





Legend

- | | | | | |
|-----------------------|--------------------------------|--|---|--|
| 5 Chainage (km) | NCA | Sound Pressure Level
$L_{Aeq}(15 \text{ minute})$ dB(A) | Sensitive Receptors | Medical Facility Outside Footprint |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint | Industrial Inside Footprint |
| G2H project alignment | Cadastre | 50 | Heritage Outside Footprint | Industrial Outside Footprint |
| H2C project alignment | Construction footprint | 55 | Sporting Facility Outside Footprint | Hotel/Motel Outside Footprint |
| Existing rail | | 60 | Retail Outside Footprint | Educational Facility Outside Footprint |
| Tunnel | | 65 | Residential Inside Footprint | Commercial (Offices) Outside Footprint |
| Major roads | | 70 | Residential Outside Footprint | |
| Minor roads | | | Recreational Facility Outside Footprint | |

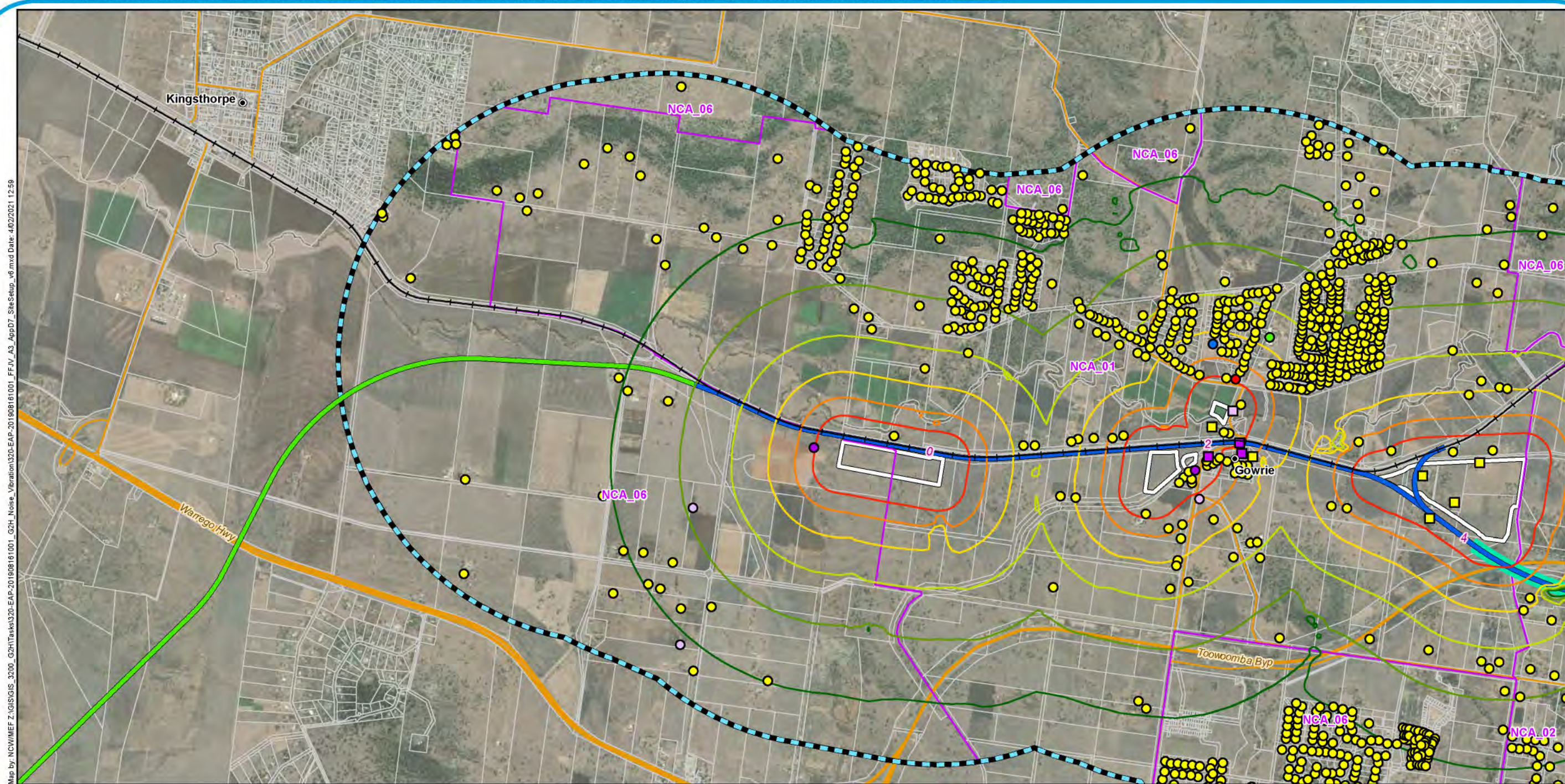


A3 scale: 1:32,000
0 0.25 0.5 0.75 1 1.25 km



Future Freight
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Legend

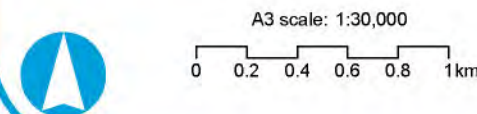
- 5 Chainage (km)
- Localities
- B2G project alignment
- G2H project alignment
- Existing rail
- Tunnel
- Major roads
- Minor roads
- NCA
- Noise and vibration study area
- Cadastre
- Construction footprint

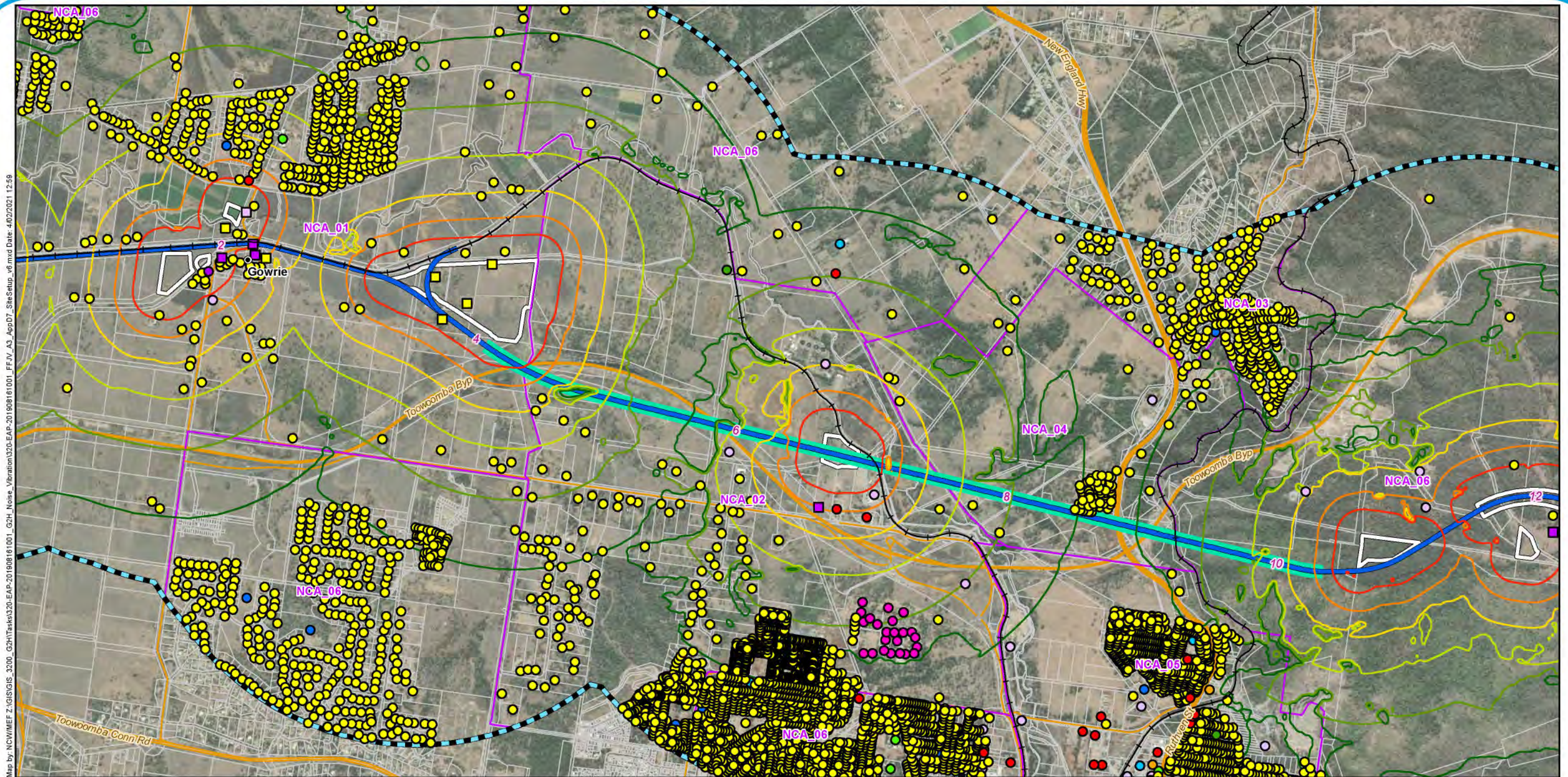
Sound Pressure Level
L_{Aeq}(15 minute) dB(A)

- 45
- 50
- 55
- 60
- 65
- 70

Sensitive Receptors

- Heritage Inside Footprint
- Heritage Outside Footprint
- Sporting Facility Outside Footprint
- Retail Outside Footprint
- Residential Inside Footprint
- Residential Outside Footprint
- Recreational Facility Outside Footprint
- Medical Facility Outside Footprint
- Industrial Inside Footprint
- Industrial Outside Footprint
- Hotel/Motel Outside Footprint
- Educational Facility Outside Footprint
- Commercial (Offices) Outside Footprint





Legend

- | | | | |
|-----------------------|--------------------------------|--|---|
| 5 Chainage (km) | NCA | Sound Pressure Level
$L_{Aeq}(15 \text{ minute})$ dB(A) | Sensitive Receptors |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint |
| G2H project alignment | Cadastre | 50 | Heritage Outside Footprint |
| Existing rail | Construction footprint | 55 | Sporting Facility Outside Footprint |
| Tunnel | | 60 | Retail Outside Footprint |
| Major roads | | 65 | Residential Inside Footprint |
| Minor roads | | 70 | Residential Outside Footprint |
| | | | Recreational Facility Outside Footprint |
| | | | Medical Facility Outside Footprint |
| | | | Industrial Inside Footprint |
| | | | Industrial Outside Footprint |
| | | | Hotel/Motel Outside Footprint |
| | | | Educational Facility Outside Footprint |
| | | | Commercial (Offices) Outside Footprint |

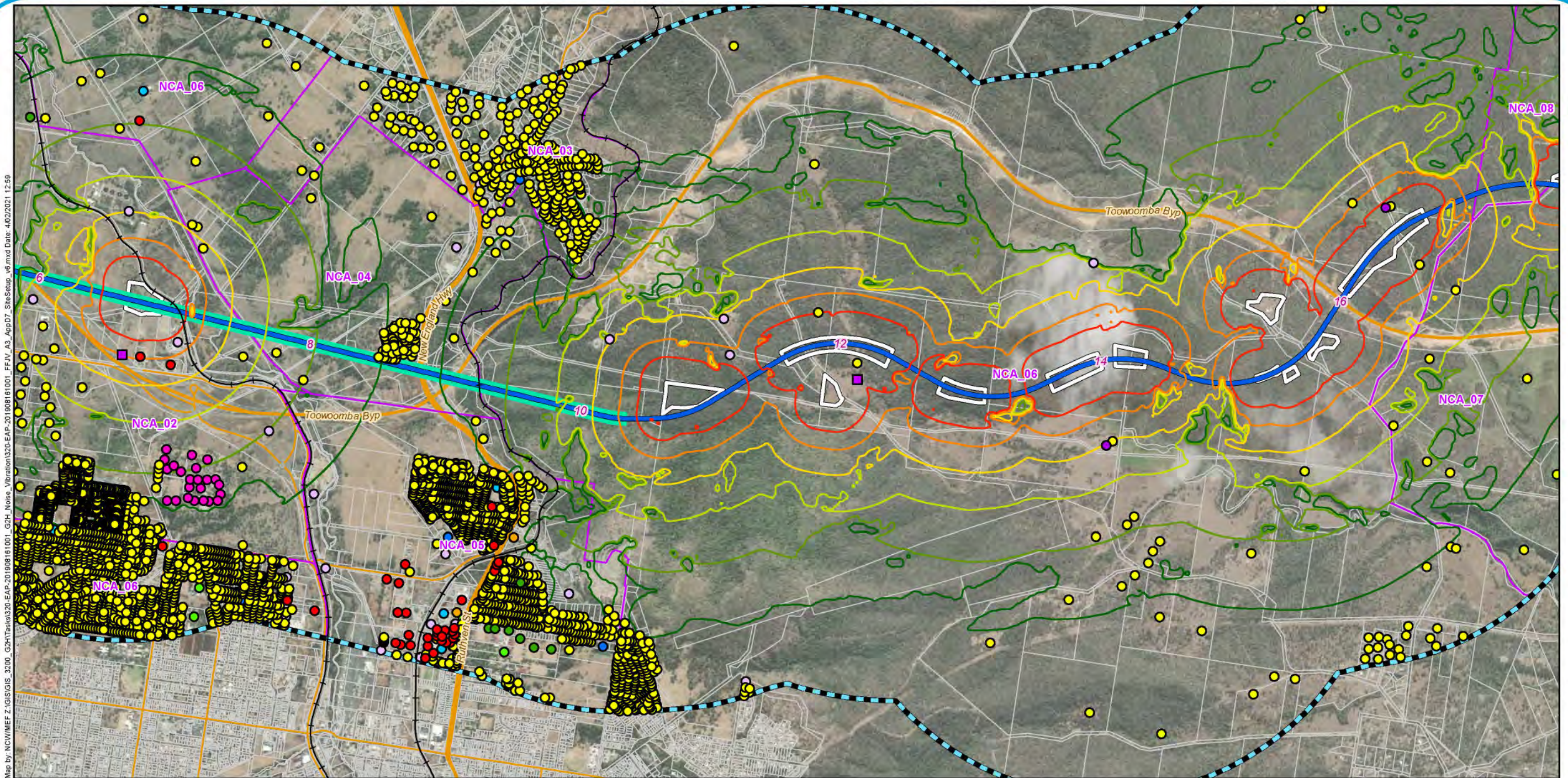


A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km



Future Freight
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Map by: NCWMEF Z:\GIS\GIS_3200_G2H\Tasks\320-EAP-201908161001_G2H_Noise_Vibration\320-EAP-201908161001_FF_V_A3_App07_SiteSetup_v6.mxd Date: 4/02/2021 12:59

Legend

- | | | | |
|-----------------------|--------------------------------|--|---|
| 5 Chainage (km) | NCA | Sound Pressure Level
$L_{Aeq}(15 \text{ minute})$ dB(A) | Sensitive Receptors |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint |
| G2H project alignment | Cadastre | 50 | Heritage Outside Footprint |
| Existing rail | Construction footprint | 55 | Sporting Facility Outside Footprint |
| Tunnel | | 60 | Retail Outside Footprint |
| Major roads | | 65 | Residential Inside Footprint |
| Minor roads | | 70 | Residential Outside Footprint |
| | | | Recreational Facility Outside Footprint |
| | | | Medical Facility Outside Footprint |
| | | | Industrial Inside Footprint |
| | | | Industrial Outside Footprint |
| | | | Hotel/Motel Outside Footprint |
| | | | Educational Facility Outside Footprint |
| | | | Commercial (Offices) Outside Footprint |



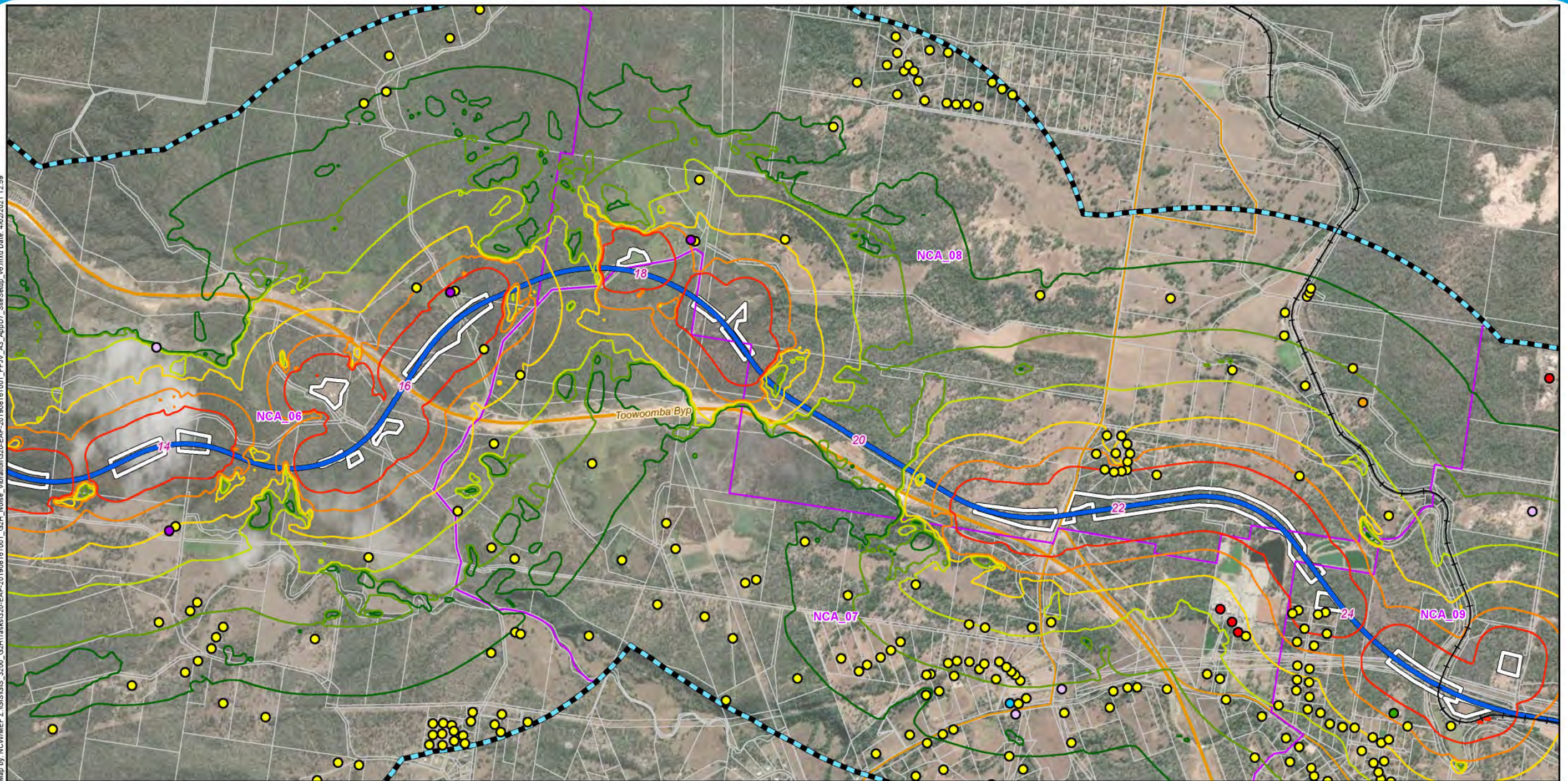
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Map by: NCWMEF Z:\GIS\GIS 3200_G2H\Task\320-EAP-201908161001_G2H_Noise_Vibration\320-EAP-201908161001_FF_V_A3_App07_StdSetup_v6.mxd Date: 4/02/2021 12:59



Legend

- | | | | |
|-----------------------|--------------------------------|--|---|
| 5 Chainage (km) | NCA | Sound Pressure Level
L _{Aeq} (15 minute), dB(A) | Sensitive Receptors |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint |
| G2H project alignment | Cadastre | 50 | Heritage Outside Footprint |
| Existing rail | Construction footprint | 55 | Sporting Facility Outside Footprint |
| Tunnel | | 60 | Retail Outside Footprint |
| Major roads | | 65 | Residential Inside Footprint |
| Minor roads | | 70 | Residential Outside Footprint |
| | | | Recreational Facility Outside Footprint |
| | | | Medical Facility Outside Footprint |
| | | | Industrial Inside Footprint |
| | | | Industrial Outside Footprint |
| | | | Hotel/Motel Outside Footprint |
| | | | Educational Facility Outside Footprint |
| | | | Commercial (Offices) Outside Footprint |

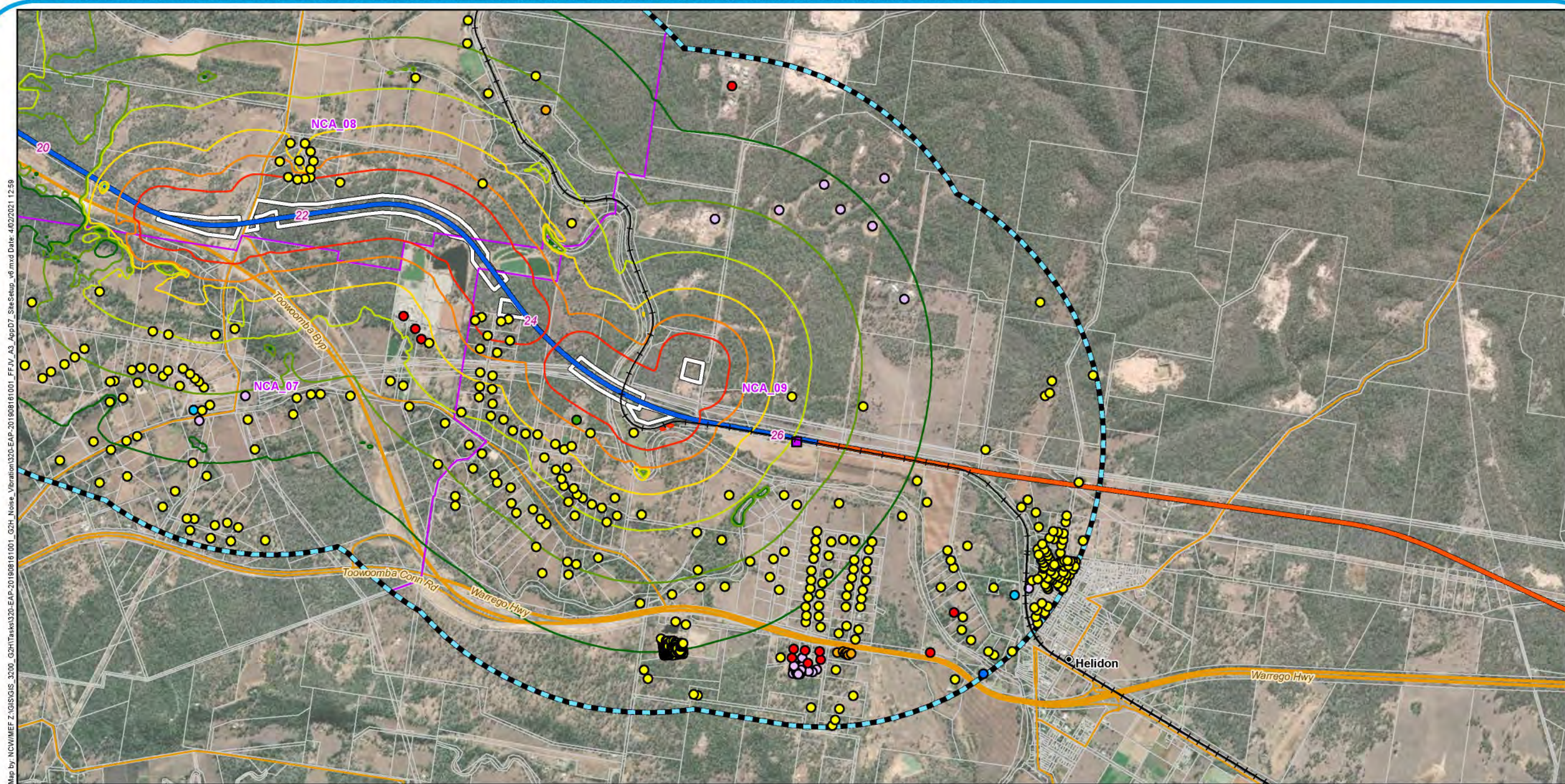


A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km



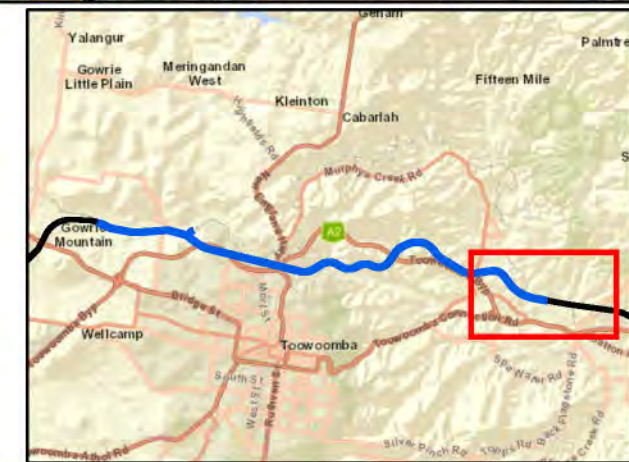
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Legend

- | | | | |
|-----------------------|--------------------------------|--|---|
| 5 Chainage (km) | NCA | Sound Pressure Level
$L_{Aeq}(15 \text{ minute})$ dB(A) | Sensitive Receptors |
| Localities | Noise and vibration study area | 45 | Heritage Inside Footprint |
| G2H project alignment | Cadastre | 50 | Heritage Outside Footprint |
| H2C project alignment | Construction footprint | 55 | Sporting Facility Outside Footprint |
| Existing rail | | 60 | Retail Outside Footprint |
| Tunnel | | 65 | Residential Inside Footprint |
| Major roads | | 70 | Residential Outside Footprint |
| Minor roads | | | Recreational Facility Outside Footprint |
| | | | Medical Facility Outside Footprint |
| | | | Industrial Inside Footprint |
| | | | Industrial Outside Footprint |
| | | | Hotel/Motel Outside Footprint |
| | | | Educational Facility Outside Footprint |
| | | | Commercial (Offices) Outside Footprint |

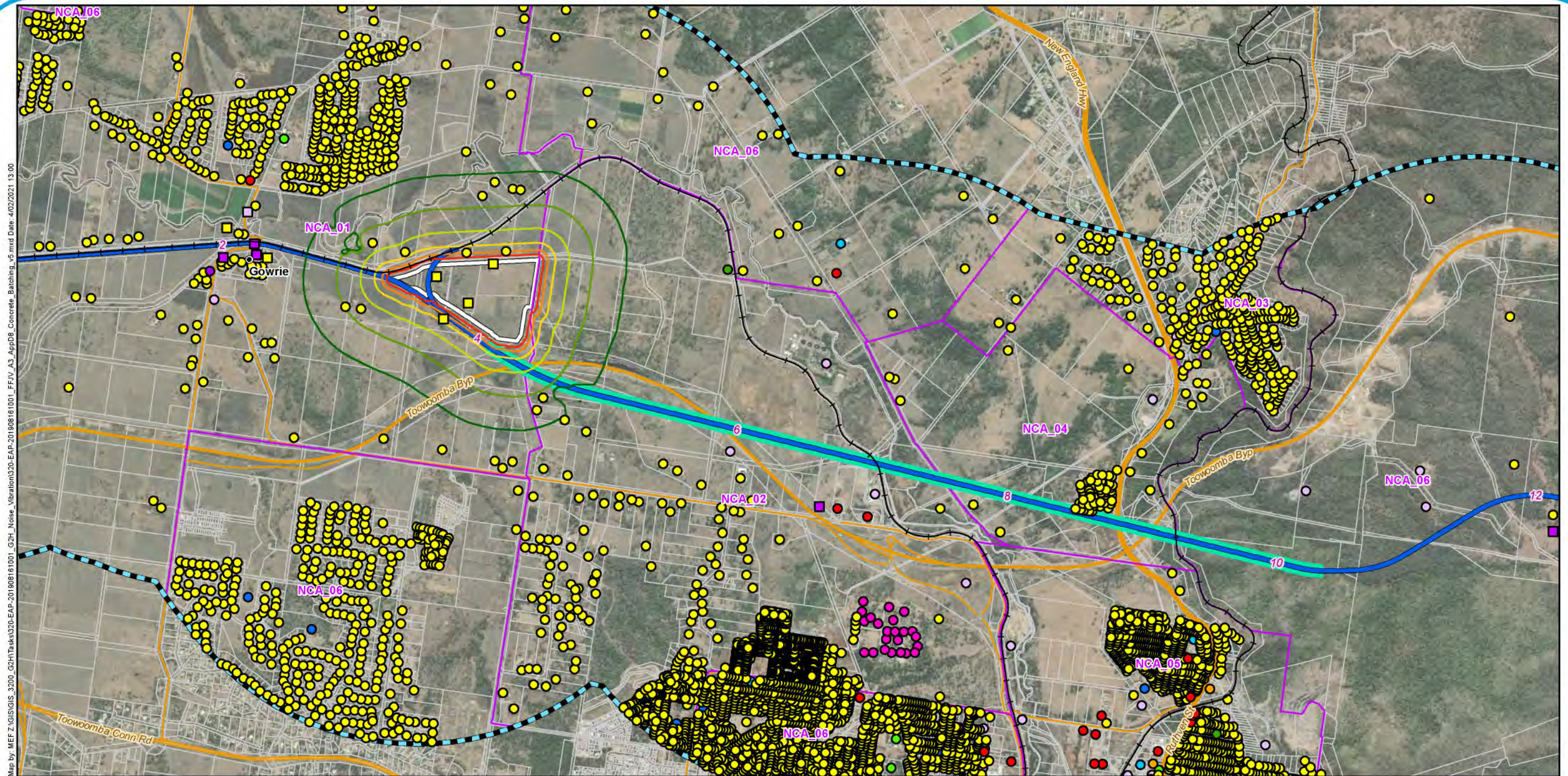


A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km



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Legend

- 5 Chainage (km)
- Localities
- G2H project alignment
- Existing rail
- Tunnel
- Major roads
- Minor roads

- NCA
- Noise and vibration study area
- Cadastre
- Construction footprint

- Sound Pressure Level**
 $L_{Aeq}(15 \text{ minute})$ dB(A)
- 45
 - 50
 - 55
 - 60
 - 65
 - 70

Sensitive Receptors

- Heritage Inside Footprint
- Heritage Outside Footprint
- Sporting Facility Outside Footprint
- Retail Outside Footprint
- Residential Inside Footprint
- Residential Outside Footprint
- Recreational Facility Outside Footprint
- Medical Facility Outside Footprint
- Industrial Inside Footprint
- Industrial Outside Footprint
- Hotel/Motel Outside Footprint
- Educational Facility Outside Footprint
- Commercial (Offices) Outside Footprint



A3 scale: 1:30,000
0 0.2 0.4 0.6 0.8 1km



Future Freight
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