

APPENDIX 8 – NOISE MONITORING RESULTS

Environmental Noise Monitoring Results.									
Instrumentation - Cirrus Type CR:811B (Serial No: C18728FD) Precision Integrating SLM									
Instrumentation Calibration Date - May 2011									
Weather Conditions - Light rain, very slight breeze, temp 14C.									
Monitoring Location: Adjacent to Lask Edge Farmhouse, Leek Lane / Lask Edge Road junction.									
Date	Time	Run Time	Leq	Lmax	Lmin dB	L1 dB	L10 dB	L50 dB	L90 dB
20/06/11	20:22	00:02:21	57.4	84.8	31.7	64.6	56.4	42.3	36.4
20/06/11	20:25	00:05:00	45.4	62.4	29.2	55.6	48.6	38.6	32.8
20/06/11	20:30	00:05:00	37.5	56.9	29.9	44.0	39.2	35.5	32.9
20/06/11	20:35	00:05:00	49.9	67.9	29.0	62.4	50.7	39.6	31.1
20/06/11	20:40	00:05:00	47.1	67.4	26.8	58.9	46.6	34.6	28.9
20/06/11	20:45	00:05:00	41.2	59.4	26.6	51.8	45.1	31.0	28.5
20/06/11	20:50	00:05:00	48.0	67.0	26.7	58.7	52.4	37.0	29.6
20/06/11	20:55	00:05:00	47.4	64.7	27.5	60.0	47.5	35.9	31.4
Mean Period:			50.4						31.5
20/06/11	21:00	00:05:00	48.5	65.9	39.5	58.0	48.7	44.5	41.9
20/06/11	21:05	00:05:00	52.6	72.9	40.3	60.5	54.5	50.0	44.6
20/06/11	21:10	00:05:00	51.8	71.0	39.7	59.8	54.6	47.7	43.0
20/06/11	21:15	00:05:00	47.8	65.9	33.1	59.0	49.4	41.4	35.8
20/06/11	21:20	00:05:00	51.7	71.7	31.5	62.1	53.7	46.0	34.4
20/06/11	21:25	00:05:00	53.6	73.4	42.7	62.4	55.5	50.0	46.9
20/06/11	21:30	00:05:00	57.2	74.6	45.0	67.3	60.1	52.6	48.7
20/06/11	21:35	00:05:00	56.3	73.6	39.9	66.1	59.3	50.9	45.1
20/06/11	21:40	00:05:00	52.4	69.2	39.4	62.9	54.8	46.6	42.1
20/06/11	21:45	00:05:00	52.8	72.4	37.5	62.2	55.5	47.5	42.9
20/06/11	21:50	00:05:00	44.4	63.8	28.5	55.4	47.0	37.9	32.7
20/06/11	21:55	00:05:00	36.7	54.8	27.7	44.9	39.0	32.8	29.7
Mean Period:			52.6						40.7
20/06/11	22:00	00:05:00	43.4	61.4	29.4	51.1	47.7	38.7	33.6
20/06/11	22:05	00:05:00	41.7	56.8	30.1	53.2	43.3	37.4	33.4
20/06/11	22:10	00:05:00	46.0	62.6	28.2	59.7	46.4	38.4	32.4
20/06/11	22:15	00:05:00	47.7	63.4	28.5	61.3	49.3	38.1	32.2
20/06/11	22:20	00:05:00	46.9	63.6	30.4	59.8	46.5	39.2	34.4
20/06/11	22:25	00:05:00	44.4	60.4	29.0	55.5	46.1	40.0	34.6
20/06/11	22:30	00:05:00	43.3	59.6	28.7	55.2	45.5	38.6	34.2
20/06/11	22:35	00:05:00	50.4	64.1	30.5	61.0	54.3	42.6	36.7
20/06/11	22:40	00:05:00	43.2	56.2	30.9	52.3	45.4	40.6	35.9
20/06/11	22:45	00:05:00	38.0	50.8	29.3	43.8	40.8	36.2	32.2
20/06/11	22:50	00:05:00	42.7	58.4	28.9	56.2	43.8	36.3	31.9
20/06/11	22:55	00:05:00	46.4	66.6	28.9	54.8	39.9	34.6	31.4
Mean Period:			45.6						33.6
Date	Time	Run Time	Leq	Lmax	Lmin dB	L1 dB	L10 dB	L50 dB	L90 dB
20/06/11	23:00	00:05:00	39.8	57.0	26.0	52.9	41.7	31.5	28.7
20/06/11	23:05	00:05:00	47.1	66.7	25.8	61.2	41.7	30.2	27.8
20/06/11	23:10	00:05:00	45.0	61.8	25.1	56.8	45.7	33.5	27.2

20/06/11	23:15	00:05:00	39.8	59.0	24.7	54.1	39.0	27.2	25.7
20/06/11	23:20	00:05:00	39.6	58.8	24.6	53.2	36.1	27.0	25.5
20/06/11	23:25	00:05:00	29.0	46.4	24.9	34.3	29.9	27.5	26.0
20/06/11	23:30	00:05:00	34.2	58.0	24.9	44.5	33.6	27.7	26.0
20/06/11	23:35	00:05:00	30.6	47.7	24.9	39.0	32.6	28.1	26.5
20/06/11	23:40	00:05:00	41.1	70.1	25.5	47.5	41.4	29.7	27.2
20/06/11	23:45	00:05:00	46.3	66.7	25.6	57.9	36.6	28.9	26.9
20/06/11	23:50	00:05:00	32.1	53.8	25.7	39.1	32.6	29.5	27.5
20/06/11	23:55	00:05:00	31.1	48.3	25.4	39.4	32.4	29.1	27.4
Mean Period:			41.6						26.9
21/06/11	00:00	00:05:00	30.6	49.0	25.4	38.3	31.5	28.5	27.0
21/06/11	00:05	00:05:00	31.0	52.4	25.2	37.9	31.7	28.3	26.7
21/06/11	00:10	00:05:00	32.2	51.8	25.2	42.4	31.4	28.0	26.5
21/06/11	00:15	00:05:00	42.8	59.8	25.4	55.1	42.8	31.5	27.5
21/06/11	00:20	00:05:00	39.7	55.6	25.8	49.7	43.5	30.7	27.5
21/06/11	00:25	00:05:00	31.1	53.6	25.2	38.7	31.9	28.2	26.4
21/06/11	00:30	00:05:00	35.1	55.2	25.5	42.9	37.2	31.6	27.6
21/06/11	00:35	00:05:00	32.2	51.3	25.7	40.5	32.3	29.0	27.1
21/06/11	00:40	00:05:00	32.9	57.1	25.5	41.8	32.8	28.4	26.8
21/06/11	00:45	00:05:00	33.0	55.5	25.7	41.9	31.3	28.3	26.9
21/06/11	00:50	00:05:00	40.0	57.0	25.4	52.0	41.3	29.2	27.1
21/06/11	00:55	00:05:00	34.4	53.4	25.7	42.6	35.9	29.3	27.3
Mean Period:			36.6						27.0
21/06/11	01:00	00:05:00	33.2	53.4	25.3	43.1	32.7	28.7	27.0
21/06/11	01:05	00:05:00	31.5	49.1	25.5	41.3	32.6	28.5	26.9
21/06/11	01:10	00:05:00	35.9	54.7	26.6	47.3	36.3	31.1	28.2
21/06/11	01:15	00:05:00	41.6	60.3	26.9	52.8	39.5	31.6	29.2
21/06/11	01:20	00:05:00	43.1	59.0	26.3	54.7	45.9	31.2	28.4
21/06/11	01:25	00:05:00	37.1	56.6	26.4	48.1	37.1	30.6	28.2
21/06/11	01:30	00:05:00	32.4	48.9	25.8	42.0	33.6	28.9	27.5
21/06/11	01:35	00:05:00	35.2	54.8	27.0	45.8	35.6	30.5	28.9
21/06/11	01:40	00:05:00	35.5	52.7	26.1	45.9	36.5	30.3	28.4
21/06/11	01:45	00:05:00	32.6	54.2	25.8	43.4	30.7	28.5	27.2
21/06/11	01:50	00:05:00	30.5	43.5	26.0	38.0	32.2	28.8	27.3
21/06/11	01:55	00:05:00	39.0	54.8	25.7	48.9	42.8	30.4	27.2
Mean Period:			37.5						27.9
21/06/11	02:00	00:05:00	37.9	62.7	26.5	47.1	37.6	30.7	28.3
21/06/11	02:05	00:05:00	39.6	59.8	27.0	49.6	41.7	33.2	29.4
21/06/11	02:10	00:05:00	38.9	58.1	27.1	48.7	41.1	32.4	29.2
21/06/11	02:15	00:05:00	35.9	56.9	26.0	45.5	36.6	29.3	27.6
21/06/11	02:20	00:05:00	39.2	58.0	27.2	49.3	41.2	32.3	29.5
21/06/11	02:25	00:05:00	35.9	58.9	25.6	46.3	35.8	29.6	27.7
21/06/11	02:30	00:05:00	35.2	54.0	25.9	45.8	36.2	29.8	27.6
21/06/11	02:35	00:05:00	35.9	54.8	25.9	45.4	38.7	29.7	27.8
21/06/11	02:40	00:05:00	38.1	54.7	26.8	47.9	41.1	31.0	28.4
21/06/11	02:45	00:05:00	48.2	66.8	26.5	61.7	45.3	31.6	28.1
21/06/11	02:50	00:05:00	31.9	53.2	25.8	40.6	31.7	28.2	27.0
21/06/11	02:55	00:05:00	31.5	53.5	26.0	38.9	32.9	28.3	27.0
21/06/11	03:00	00:05:00	35.2	54.0	26.0	44.5	36.9	30.0	27.8

21/06/11	03:05	00:05:00	43.4	66.2	25.8	51.5	36.1	28.4	26.9
21/06/11	03:10	00:04:07	35.8	56.5	25.5	45.1	35.9	28.8	27.0
Mean Period:			40.0						28.0