

Appendix 13.8

BASELINE NOISE SURVEY RESULTS





Table A13-10 - Hourly Noise Levels Measured at LT1

Period start	L_{Aeq,1h} (dB)	L_{AF90,1h} (dB)	L_{AF10,1h} (dB)	L_{AFmax,1h} (dB)
04/12/2018 13:00	69.6	32.4	51.4	94.2
04/12/2018 14:00	71.5	32.6	49.9	101.6
04/12/2018 15:00	65.5	36.3	47.4	92.2
04/12/2018 16:00	66.8	36	48.1	96.3
04/12/2018 17:00	62.9	39.1	45.2	92.4
04/12/2018 18:00	68	40.1	48.9	97.1
04/12/2018 19:00	67.5	39.8	46.2	90.8
04/12/2018 20:00	63.3	38.6	46.7	88.7
04/12/2018 21:00	67	37.3	46.3	94
04/12/2018 22:00	67.6	37	46.2	98.5
04/12/2018 23:00	63.5	35.2	42.6	90.8
05/12/2018 00:00	71.3	36.3	49.7	103.2
05/12/2018 01:00	68.8	37.4	47.7	95.7
05/12/2018 02:00	73.3	38.5	54.2	97.8
05/12/2018 03:00	66	35	43.6	91.6
05/12/2018 04:00	66.9	35.7	41.3	91
05/12/2018 05:00	66.9	36.9	44.4	96.3
05/12/2018 06:00	68.3	39.6	46.4	94
05/12/2018 07:00	67.6	41.4	47.6	97.5
05/12/2018 08:00	65.9	42	46.5	93.6
05/12/2018 09:00	66.1	42	46.1	101
05/12/2018 10:00	65.9	41.7	46.9	99.7
05/12/2018 11:00	59.9	41.9	45.5	96.3
05/12/2018 12:00	58.6	41.5	47.5	84.6
05/12/2018 13:00	69.4	41.8	48	95.2
05/12/2018 14:00	69.5	42.3	47.9	102.1
05/12/2018 15:00	72.1	42.6	51.7	97.5
05/12/2018 16:00	67.4	42.8	49.4	99
05/12/2018 17:00	71.5	40.9	48.3	97.5
05/12/2018 18:00	67.7	39.8	46	94.7
05/12/2018 19:00	69	38.1	47.5	91.6
05/12/2018 20:00	64	37.1	44.8	90.6

Period start	L _{Aeq,1h} (dB)	L _{AF90,1h} (dB)	L _{AF10,1h} (dB)	L _{AFmax,1h} (dB)
05/12/2018 21:00	66.4	34	40.6	97.2
05/12/2018 22:00	66.1	32.3	40.4	96.8
05/12/2018 23:00	67.1	30.3	41.3	95.5
06/12/2018 00:00	73.5	30.6	49	104.9
06/12/2018 01:00	70.3	27	45.4	97
06/12/2018 02:00	72.8	28.3	46.1	96.4
06/12/2018 03:00	67.2	29.4	40.3	98.5
06/12/2018 04:00	70.8	29.5	42.4	103.8
06/12/2018 05:00	67.6	31.6	39.1	96.3
06/12/2018 06:00	70.6	35.9	44.6	106.1
06/12/2018 07:00	67.8	41.6	51.5	95.1
06/12/2018 08:00	67.5	44.5	51.7	95.4
06/12/2018 09:00	60.3	42.7	50.3	85.6
06/12/2018 10:00	64.2	43.1	52.8	92
06/12/2018 11:00	59.7	45.2	54.1	85.1
06/12/2018 12:00	65.5	44.1	53.6	97.4
06/12/2018 13:00	69.2	45.2	55.5	97.3
06/12/2018 14:00	70	46.3	55.7	100
06/12/2018 15:00	71.4	46.6	58.3	97.9
06/12/2018 16:00	66.5	42.2	51.8	95.3
06/12/2018 17:00	65.8	39.8	50.3	94
06/12/2018 18:00	69.5	39.8	49.9	97.8
06/12/2018 19:00	72.2	38.7	50.4	94.3
06/12/2018 20:00	67.2	38.3	48.6	108.3
06/12/2018 21:00	67.2	39.3	51.7	95.6
06/12/2018 22:00	67.2	38.5	50	96.1
06/12/2018 23:00	64.4	39.3	51.1	95.7
07/12/2018 00:00	70.3	41.9	60.4	98
07/12/2018 01:00	68.8	39.8	53	98.4
07/12/2018 02:00	71.3	38.3	51.1	97.3
07/12/2018 03:00	68.4	38.9	50.7	95.1
07/12/2018 04:00	66.5	42.6	54.7	94
07/12/2018 05:00	67.6	43.4	57.8	91.3

Period start	L _{Aeq,1h} (dB)	L _{AF90,1h} (dB)	L _{AF10,1h} (dB)	L _{AFmax,1h} (dB)
07/12/2018 06:00	66.8	44.5	54.9	94
07/12/2018 07:00	66.9	45.5	56.7	90.9
07/12/2018 08:00	68.3	45.4	54.8	95.5
07/12/2018 09:00	61.2	43.1	58.7	84.8
07/12/2018 10:00	63.9	44.3	62.9	86.8
07/12/2018 11:00	64.2	58.5	64.1	94.9
07/12/2018 12:00	69.2	41.7	62.2	104.5
07/12/2018 13:00	62.9	39.4	50.5	89.6

Figure A13-2 - Hourly Noise Levels Measured at Position LT1

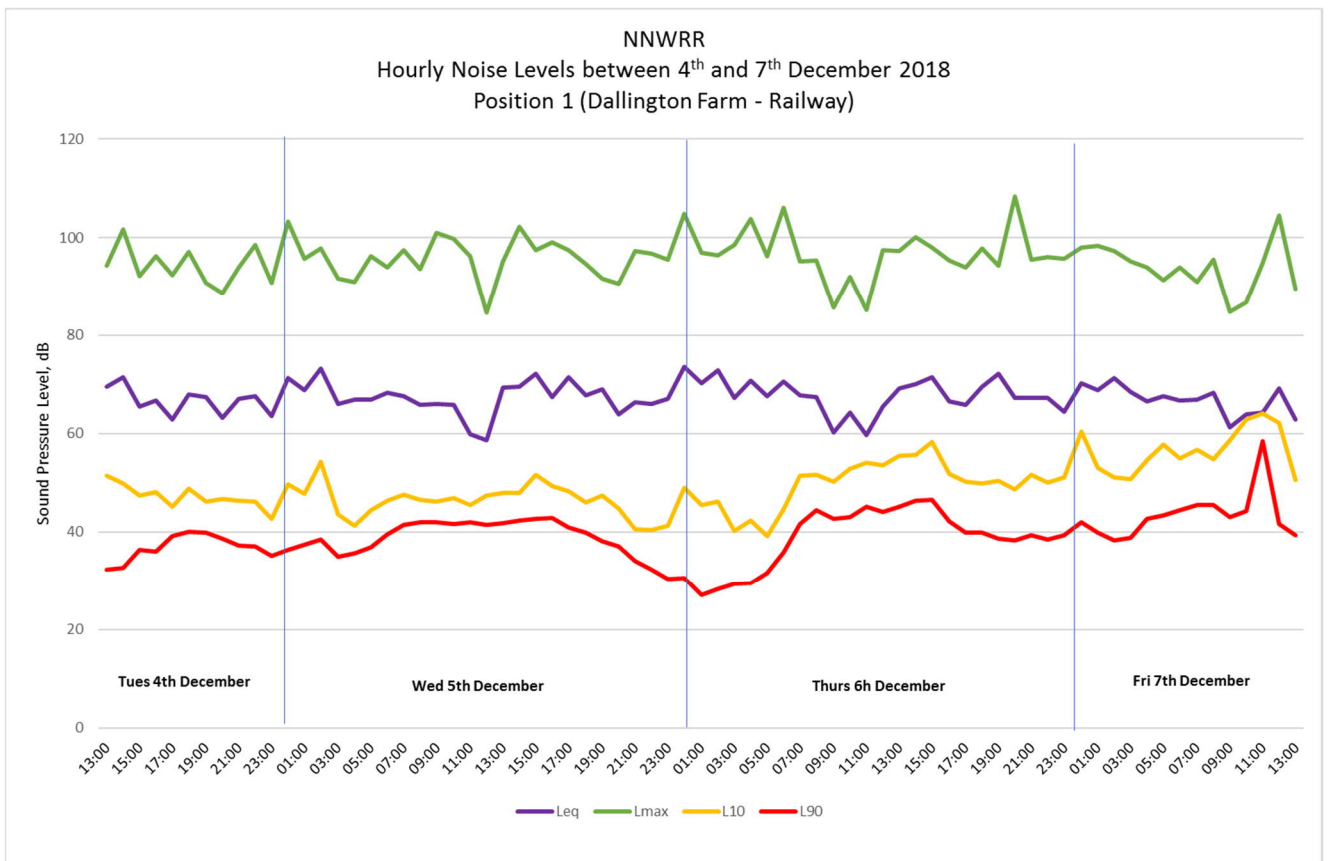




Table A13-11 - Hourly Noise Levels Measured at LT2

Period start	L_{Aeq,1h} (dB)	L_{AF90,1h} (dB)	L_{AF10,1h} (dB)	L_{AFmax,1h} (dB)
04/12/2018 15:00	56.4	32.1	47.2	95.1
04/12/2018 16:00	51.7	33.3	45.8	73.5
04/12/2018 17:00	48.1	36.5	44.8	73
04/12/2018 18:00	52.5	35.9	47.7	74.1
04/12/2018 19:00	52.5	35.3	44.1	73.8
04/12/2018 20:00	47.3	35.1	43.2	70
04/12/2018 21:00	50.5	34.2	45.5	71.9
04/12/2018 22:00	51.2	32	44.2	75.8
04/12/2018 23:00	47.3	31.7	40.4	70.9
05/12/2018 00:00	53.4	32.5	43.8	73.4
05/12/2018 01:00	53	34.2	39.9	78.4
05/12/2018 02:00	56.3	35.3	43.8	78.8
05/12/2018 03:00	49.7	29.8	37.7	73.4
05/12/2018 04:00	50.2	29.8	36.2	72.5
05/12/2018 05:00	51.1	31.2	38.3	73.8
05/12/2018 06:00	50.8	32.8	38.7	71.8
05/12/2018 07:00	50.2	35.3	42.6	72.7
05/12/2018 08:00	49.4	37.1	42.8	71.4
05/12/2018 09:00	49.5	37	43.3	73.8
05/12/2018 10:00	48.2	37	48.5	69.8
05/12/2018 11:00	43.3	35.5	40.1	66.2
05/12/2018 12:00	43.6	37.6	42.6	67.8
05/12/2018 13:00	55.2	37.7	44.5	88.3
05/12/2018 14:00	52.4	39.2	45.7	80.4
05/12/2018 15:00	55.9	41.3	49.1	78.2
05/12/2018 16:00	50.7	41.6	48.7	73.9
05/12/2018 17:00	54.4	39.9	49.9	78.7
05/12/2018 18:00	51.1	38.9	44.3	77.7
05/12/2018 19:00	52.6	37.2	46.1	73.1
05/12/2018 20:00	47.8	36.3	44.2	70.2
05/12/2018 21:00	50.8	34.6	42.6	75.7
05/12/2018 22:00	49.9	32.6	42	73.7



Period start	L _{Aeq,1h} (dB)	L _{AF90,1h} (dB)	L _{AF10,1h} (dB)	L _{AFmax,1h} (dB)
05/12/2018 23:00	54.6	31.2	41.8	89.3
06/12/2018 00:00	57.1	31.5	51.8	81.2
06/12/2018 01:00	53.8	27.7	48.8	73.9
06/12/2018 02:00	56.6	29.5	51	78.4
06/12/2018 03:00	52.2	30.6	42.9	77.6
06/12/2018 04:00	51.9	29.3	45.5	76
06/12/2018 05:00	50.9	30.6	37.9	76.1
06/12/2018 06:00	50.1	34.9	44.2	71.8
06/12/2018 07:00	52.9	41.4	52.2	73.8
06/12/2018 08:00	53.3	44.9	53.8	74.8
06/12/2018 09:00	50.6	43.6	53.5	68
06/12/2018 10:00	53.7	43.7	57.1	74
06/12/2018 11:00	58.4	47.5	61.6	83.5
06/12/2018 12:00	56.1	46.5	59	85
06/12/2018 13:00	60.1	48.7	62.9	91.5
06/12/2018 14:00	60.5	49.3	63.6	83.1
06/12/2018 15:00	61.8	50.4	64.9	83.2
06/12/2018 16:00	53.2	44.3	55.8	72
06/12/2018 17:00	51.7	40.5	53.5	73
06/12/2018 18:00	52.9	39.4	54.2	74.3
06/12/2018 19:00	55.1	40.5	54.7	75
06/12/2018 20:00	52.1	40.5	55.2	73.2
06/12/2018 21:00	51.2	39.6	53.9	71.9
06/12/2018 22:00	51.9	39.3	54.2	73
06/12/2018 23:00	54.5	41.4	57.7	80.3
07/12/2018 00:00	57	44.7	60.6	75.6
07/12/2018 01:00	53.9	40.7	56.9	73.1
07/12/2018 02:00	53.7	38.1	55.1	74.2
07/12/2018 03:00	54.3	41.9	58	72.8
07/12/2018 04:00	56.2	44.2	59.9	74.8
07/12/2018 05:00	56.8	45	59.6	81.1
07/12/2018 06:00	58.5	48.7	62	81.2
07/12/2018 07:00	56.7	47	60.3	73.6

Period start	L _{Aeq,1h} (dB)	L _{AF90,1h} (dB)	L _{AF10,1h} (dB)	L _{AFmax,1h} (dB)
07/12/2018 08:00	56.6	47.4	60	73.2
07/12/2018 09:00	59.7	43.3	62.4	83.2
07/12/2018 10:00	49.7	41.3	50.1	71.5
07/12/2018 11:00	53.1	42.6	55.1	77.7
07/12/2018 12:00	54.3	42.1	56.5	81.7
07/12/2018 13:00	53.3	40.4	56.2	75.4
07/12/2018 14:00	57.9	41	60.8	82.7
07/12/2018 15:00	57.4	40.9	57.2	78.3
07/12/2018 16:00	55.5	42.3	57.7	77.5
07/12/2018 17:00	53.7	41.5	54.2	75.9
07/12/2018 18:00	53.5	41.6	56.1	71.9
07/12/2018 19:00	58.3	43.9	61.2	82.7
07/12/2018 20:00	53.5	41.1	56.7	75
07/12/2018 21:00	57.3	44.3	60.1	80
07/12/2018 22:00	55.1	42.3	58.5	75.9
07/12/2018 23:00	56.2	42	58.4	87.7
08/12/2018 00:00	57.3	42.2	58.3	80.3
08/12/2018 01:00	57.8	43.4	61.2	79.1
08/12/2018 02:00	58.3	43.1	60.9	87.4
08/12/2018 03:00	62.7	47.2	65.6	90.2
08/12/2018 04:00	62.1	45.1	64.7	85.5
08/12/2018 05:00	61.9	43.8	64.2	90.2
08/12/2018 06:00	62.2	43.2	65.3	85.4
08/12/2018 07:00	60.7	44.4	62.9	86.7
08/12/2018 08:00	59.4	44.9	62.7	83.9
08/12/2018 09:00	57.3	42.1	60.6	84.2
08/12/2018 10:00	57.3	43.4	60.7	79.9
08/12/2018 11:00	53.4	42.4	57	76.1
08/12/2018 12:00	55.4	43.4	58.4	78
08/12/2018 13:00	59.2	46.9	62.5	79.5
08/12/2018 14:00	62.3	48.2	65.3	85.4
08/12/2018 15:00	62.5	49.9	65.2	90.6
08/12/2018 16:00	67.1	48.1	68	97



Period start	L _{Aeq,1h} (dB)	L _{AF90,1h} (dB)	L _{AF10,1h} (dB)	L _{AFmax,1h} (dB)
08/12/2018 17:00	60.3	43	63.3	87
08/12/2018 18:00	59	41.2	58.3	86.9
08/12/2018 19:00	57.5	40.9	59.2	86.5
08/12/2018 20:00	52.7	37.9	54.7	76.8
08/12/2018 21:00	58.1	41.8	61.5	84.9
08/12/2018 22:00	60	42.3	61.8	84.4
08/12/2018 23:00	61.9	43.2	64.1	87.8
09/12/2018 00:00	57.1	40.9	58.5	87.4
09/12/2018 01:00	58.8	41.3	60.3	86
09/12/2018 02:00	58.7	40.9	59.8	87.4
09/12/2018 03:00	58.8	40.6	61.3	81.5
09/12/2018 04:00	58.4	41.8	60.8	85.6
09/12/2018 05:00	53.8	36.6	55	80.2
09/12/2018 06:00	46.6	36.3	47	74.1
09/12/2018 07:00	42.5	37	45	68.6
09/12/2018 08:00	42.5	37.3	44.4	67.1
09/12/2018 09:00	45.9	39.5	45.4	69.4
09/12/2018 10:00	45.9	39.8	45.6	69.4
09/12/2018 11:00	47.6	39.6	47.2	68.7
09/12/2018 12:00	54.8	39.5	46.4	93.7
09/12/2018 13:00	51.7	40	48.4	73.4
09/12/2018 14:00	48.7	39.7	49.3	74.1
09/12/2018 15:00	53.4	39	50.8	77.6
09/12/2018 16:00	48.4	37.1	44.5	72.7
09/12/2018 17:00	44.4	35.6	40.7	67.7
09/12/2018 18:00	46.1	34.7	40.2	71
09/12/2018 19:00	49.7	33.5	42.9	74.6
09/12/2018 20:00	49	33.1	43.1	72.7
09/12/2018 21:00	44.8	32.1	42.8	68
09/12/2018 22:00	49.6	31.3	44.5	68.8
09/12/2018 23:00	51.4	29.7	46.7	74.3
10/12/2018 00:00	50.9	28	34.7	76.4
10/12/2018 01:00	36	28.2	35.2	62.4



Period start	L _{Aeq,1h} (dB)	L _{AF90,1h} (dB)	L _{AF10,1h} (dB)	L _{AFmax,1h} (dB)
10/12/2018 02:00	33.7	28.8	34.7	58.1
10/12/2018 03:00	45.1	28.4	34.1	70.3
10/12/2018 04:00	51.1	29	39	76
10/12/2018 05:00	43.5	32.2	37.6	69.9
10/12/2018 06:00	50.2	35.1	43	71.6
10/12/2018 07:00	50.9	39.1	49.9	74.1
10/12/2018 08:00	50.5	43.9	51.9	77.2
10/12/2018 09:00	58.1	43.4	52.7	99.3
10/12/2018 10:00	60.1	40.5	51.7	100.8
10/12/2018 11:00	48.2	37.5	46.2	72.8
10/12/2018 12:00	54.1	37.6	47.1	81.3
10/12/2018 13:00	50.4	37.5	46.5	71.6
10/12/2018 14:00	53.4	38.1	50.4	73.6
10/12/2018 15:00	54.3	38.4	52	83.5
10/12/2018 16:00	53.3	37.4	50.2	75
10/12/2018 17:00	55	37.9	52.5	78.2
10/12/2018 18:00	50.6	37.3	46.5	74.9
10/12/2018 19:00	53.7	35.9	46.2	74.7
10/12/2018 20:00	52	33.9	45.3	76.5
10/12/2018 21:00	51.9	32.8	46	74.2
10/12/2018 22:00	48.7	33.2	42.1	71.3
10/12/2018 23:00	47.1	32.2	38.6	72.9
11/12/2018 00:00	51.5	30.7	43.4	74.4
11/12/2018 01:00	46.6	25.8	39.4	69.7
11/12/2018 02:00	33	26.6	35.4	51.3
11/12/2018 03:00	54.8	27.6	41	78.7
11/12/2018 04:00	51	28.9	38.2	75
11/12/2018 05:00	46.8	36.4	41.6	69.6
11/12/2018 06:00	50.6	37.8	43	72.4
11/12/2018 07:00	50.7	42.5	49.4	70.5
11/12/2018 08:00	50.5	45.7	49.2	70.6
11/12/2018 09:00	55.4	45.1	53	81.4
11/12/2018 10:00	50	43.4	50.1	75.9

Period start	L _{Aeq,1h} (dB)	L _{AF90,1h} (dB)	L _{AF10,1h} (dB)	L _{AFmax,1h} (dB)
11/12/2018 11:00	45.5	36.8	44.4	67
11/12/2018 12:00	47.1	35.6	45.6	69.6
11/12/2018 13:00	52.7	35.3	47.3	79.2
11/12/2018 14:00	54.8	33	50.7	80.8

Figure A13-3 - Hourly Noise Levels Measured at Position LT2

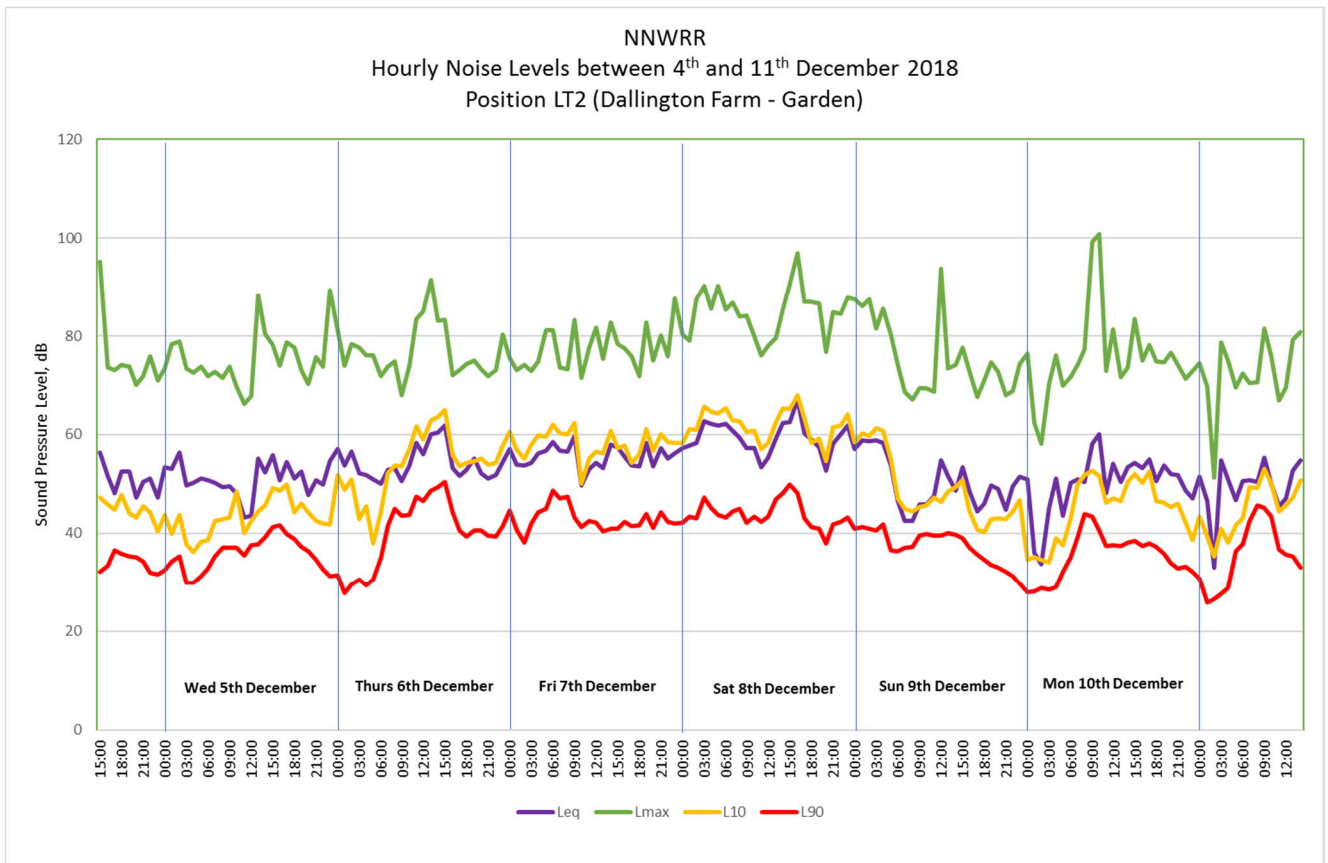




Table A13-12 - Hourly Noise Levels Measured at LT3

Period start	L_{Aeq,1h} (dB)	L_{AF90,1h} (dB)	L_{AF10,1h} (dB)	L_{AFmax,1h} (dB)
04/12/2018 17:00	43.7	40.3	45.2	59.1
04/12/2018 18:00	47.2	40.3	48.3	64.9
04/12/2018 19:00	48.1	39.2	45.8	66.8
04/12/2018 20:00	44.1	36.9	46.4	68.4
04/12/2018 21:00	45.1	36	47.4	63.5
04/12/2018 22:00	45	36.6	46.7	63.8
04/12/2018 23:00	43	36.8	44.1	61.4
05/12/2018 00:00	46.2	38.9	48.7	62.6
05/12/2018 01:00	45.7	38.9	46.8	62.2
05/12/2018 02:00	48.2	38.8	51.2	64.3
05/12/2018 03:00	45.4	36.7	47.9	62
05/12/2018 04:00	45.5	36.7	47.6	62.3
05/12/2018 05:00	44.6	37.2	45.5	63.9
05/12/2018 06:00	45.5	39.3	44.9	73.6
05/12/2018 07:00	46.9	42.4	48	72.1
05/12/2018 08:00	48	43.3	49.2	68.1
05/12/2018 09:00	45.9	42.7	46.7	64
05/12/2018 10:00	46.3	41.3	47.9	67.3
05/12/2018 11:00	43.7	41	43.9	73.1
05/12/2018 12:00	43.4	40.5	44.4	66.1
05/12/2018 13:00	48.3	41.1	50.7	69.2
05/12/2018 14:00	48.9	42.6	49.7	73.5
05/12/2018 15:00	50.8	41.4	51.2	69.1
05/12/2018 16:00	49	42.2	51	73
05/12/2018 17:00	49.1	39.3	49.4	68.8
05/12/2018 18:00	46.4	37.5	46.4	75.2
05/12/2018 19:00	48	35.3	46.8	68.8
05/12/2018 20:00	45	34.2	43.8	66.2
05/12/2018 21:00	42.5	31.5	41.1	67
05/12/2018 22:00	41.7	30.5	41.1	63
05/12/2018 23:00	43.3	29.2	42.2	75.8
06/12/2018 00:00	47.7	28.9	50.7	71.4



Period start	L _{Aeq,1h} (dB)	L _{AF90,1h} (dB)	L _{AF10,1h} (dB)	L _{AFmax,1h} (dB)
06/12/2018 01:00	45.1	26.2	47.1	63.8
06/12/2018 02:00	48.4	27.2	49.7	68.3
06/12/2018 03:00	44.9	26.7	39.9	64
06/12/2018 04:00	45.1	27.7	43.9	65.5
06/12/2018 05:00	42.9	29.5	40	64.6
06/12/2018 06:00	44.1	34	44	70.1
06/12/2018 07:00	48.2	39.5	49.6	65.7
06/12/2018 08:00	48.7	41.1	51.3	65.1
06/12/2018 09:00	45.3	39.3	48.5	70.4
06/12/2018 10:00	47.7	39.5	50.5	63.7
06/12/2018 11:00	46.9	41.5	49.7	65.2
06/12/2018 12:00	46.4	39.3	48.9	67.6
06/12/2018 13:00	47.9	39.6	50.6	65.1
06/12/2018 14:00	49.2	40.7	50.9	74.2
06/12/2018 15:00	53.1	40.8	54.2	75.8
06/12/2018 16:00	45.5	37.9	47.1	62.9
06/12/2018 17:00	44.9	37	46.3	63.1
06/12/2018 18:00	46.4	36.4	48	66.8
06/12/2018 19:00	50.5	35.9	47.1	68.7
06/12/2018 20:00	44.3	34.3	44.9	70.4
06/12/2018 21:00	45.7	34.4	48.1	69.5
06/12/2018 22:00	44.4	33.3	44.8	62.8
06/12/2018 23:00	45.8	33.4	44.2	80.5
07/12/2018 00:00	48.4	36.2	52	75.6
07/12/2018 01:00	47.5	36.5	46.8	68
07/12/2018 02:00	49.2	39.3	50.3	66.3
07/12/2018 03:00	48.1	36.5	47.4	68.5
07/12/2018 04:00	47.8	40.9	49.9	67.1
07/12/2018 05:00	50	42.4	51.9	67.8
07/12/2018 06:00	48.4	43.3	51.1	60.6
07/12/2018 07:00	50.6	45.4	52.6	68.8
07/12/2018 08:00	50.6	45.5	52.3	82.9
07/12/2018 09:00	52.8	43.9	56.2	70



Period start	L _{Aeq,1h} (dB)	L _{AF90,1h} (dB)	L _{AF10,1h} (dB)	L _{AFmax,1h} (dB)
07/12/2018 10:00	46.8	40.7	49.5	61
07/12/2018 11:00	49.9	44.1	51.9	69.4
07/12/2018 12:00	48.3	41.5	50.9	65.9
07/12/2018 13:00	48.3	40.1	51.5	66.4
07/12/2018 14:00	50.6	40.1	53.9	69.8
07/12/2018 15:00	50.1	39.1	51	69.3
07/12/2018 16:00	49.1	40.1	51.3	70.7
07/12/2018 17:00	50.1	39.9	52.9	68.1
07/12/2018 18:00	47.4	38.6	49.6	70.1
07/12/2018 19:00	50.1	39.9	52.6	67.5
07/12/2018 20:00	46.4	36.7	48.9	65.2
07/12/2018 21:00	47.2	37.4	49.5	66
07/12/2018 22:00	45.5	36.2	48	63.1
07/12/2018 23:00	48.7	36.4	49	83.4
08/12/2018 00:00	48.5	35.5	47.6	70.5
08/12/2018 01:00	45.9	37.2	49	64.2
08/12/2018 02:00	47.2	37.5	50.2	65.8
08/12/2018 03:00	54.4	44.1	57.5	73.7
08/12/2018 04:00	53.2	43	56.6	70.9
08/12/2018 05:00	51.5	42.1	54.7	71
08/12/2018 06:00	51.3	41.9	54.3	70.2
08/12/2018 07:00	51.1	42.8	54.5	67.8
08/12/2018 08:00	50.8	42.7	54.1	70.9
08/12/2018 09:00	50.7	43.9	53.7	68.9
08/12/2018 10:00	50.8	42.1	54.1	67.1
08/12/2018 11:00	48	38.7	51.3	69.1
08/12/2018 12:00	47.9	39.7	51	71.3
08/12/2018 13:00	48.9	40.2	51.6	69.6
08/12/2018 14:00	52.6	44.3	55.4	67.8
08/12/2018 15:00	51.8	42.8	54.8	70.9
08/12/2018 16:00	55.2	44.3	58.6	76.2
08/12/2018 17:00	51.2	40.9	54.1	67.6
08/12/2018 18:00	50.5	41	53.1	74

Period start	L _{Aeq,1h} (dB)	L _{AF90,1h} (dB)	L _{AF10,1h} (dB)	L _{AFmax,1h} (dB)
08/12/2018 19:00	48.6	39.5	52.2	64.2
08/12/2018 20:00	46.8	36.8	50.2	64.1
08/12/2018 21:00	50.7	39.7	53.7	70.2
08/12/2018 22:00	51.4	40.3	54.5	68.8
08/12/2018 23:00	51.9	41.8	55.3	69.9
09/12/2018 00:00	48.6	39.1	51.9	67.1
09/12/2018 01:00	49.1	39.6	51	81.4
09/12/2018 02:00	49	40.4	52.2	68.6
09/12/2018 03:00	49.4	39.1	52.4	71.6
09/12/2018 04:00	50.4	40.9	53	75
09/12/2018 05:00	48.1	35.5	51.7	66
09/12/2018 06:00	39.6	34.2	41.9	59.9
09/12/2018 07:00	44.2	37	46.8	66.7
09/12/2018 08:00	43.1	35.5	46	63.4
09/12/2018 09:00	45	40	47.7	66.4
09/12/2018 10:00	44.5	40.5	46.7	69
09/12/2018 11:00	45.5	40.2	48.3	65.8
09/12/2018 12:00	44.4	39.6	46.7	68.7
09/12/2018 13:00	46.7	40	49.7	62.8
09/12/2018 14:00	46.9	39.7	50.1	64.5
09/12/2018 15:00	45.3	37.9	47.8	66.5
09/12/2018 16:00	43	36.7	45	64.5
09/12/2018 17:00	39.7	34.8	42.3	54.6
09/12/2018 18:00	39	33.9	41.5	56.2
09/12/2018 19:00	40.1	32.2	42.7	58.5
09/12/2018 20:00	43.1	31.3	43.5	68
09/12/2018 21:00	37.4	30.1	41	53.8
09/12/2018 22:00	40.2	29.8	43.4	57.5
09/12/2018 23:00	42.4	28	45.1	60.2
10/12/2018 00:00	37.7	26.4	34.9	60
10/12/2018 01:00	32	26.4	34.4	47.1
10/12/2018 02:00	33.4	26.3	32.9	50.9
10/12/2018 03:00	36.5	26.2	30.8	57.2

Period start	L _{Aeq,1h} (dB)	L _{AF90,1h} (dB)	L _{AF10,1h} (dB)	L _{AFmax,1h} (dB)
10/12/2018 04:00	39.4	26.7	35.3	60.9
10/12/2018 05:00	38.4	29.5	35.7	61.4
10/12/2018 06:00	41.2	32.6	41.2	60.1
10/12/2018 07:00	46	37	49.3	74.6
10/12/2018 08:00	46.6	41.8	48.9	62.9
10/12/2018 09:00	44.5	39.6	46.3	63.4
10/12/2018 10:00	43.4	37.3	45.5	67.6
10/12/2018 11:00	48.5	35.9	44.5	79.2
10/12/2018 12:00	51.9	36.1	45.2	78
10/12/2018 13:00	42.4	36	44.5	64.8
10/12/2018 14:00	49.4	37	46.2	75.8
10/12/2018 15:00	47.4	37.6	47.5	79
10/12/2018 16:00	49.3	36.7	47.3	72.6
10/12/2018 17:00	44.5	36.7	45.2	64.2
10/12/2018 18:00	43	36.2	44.4	66.4
10/12/2018 19:00	43.5	35.1	44.7	62.2
10/12/2018 20:00	41.6	32.6	42.6	62.4
10/12/2018 21:00	41.8	31	45.4	60.8
10/12/2018 22:00	40.2	31.2	42.1	59.1
10/12/2018 23:00	38.1	30	38.1	59.2
11/12/2018 00:00	42.8	28.9	42.9	66.1
11/12/2018 01:00	40.8	26.3	38.7	63
11/12/2018 02:00	32.6	26.1	35.8	46.6
11/12/2018 03:00	46.9	26.8	44.9	69.2
11/12/2018 04:00	42.9	29.9	39.1	61.4
11/12/2018 05:00	40.6	33.5	41.8	56.7
11/12/2018 06:00	44.4	40.2	46.4	59.9
11/12/2018 07:00	46.9	43.6	48.7	58.4
11/12/2018 08:00	47.6	45.4	48.6	70.6
11/12/2018 09:00	47.9	45.2	49.6	70.7
11/12/2018 10:00	48.2	44.1	49.3	80.4
11/12/2018 11:00	44.8	41	46.3	71.6
11/12/2018 12:00	48.3	38.6	46.6	80

Figure A13-4 - Hourly Noise Levels Measured at Position LT3

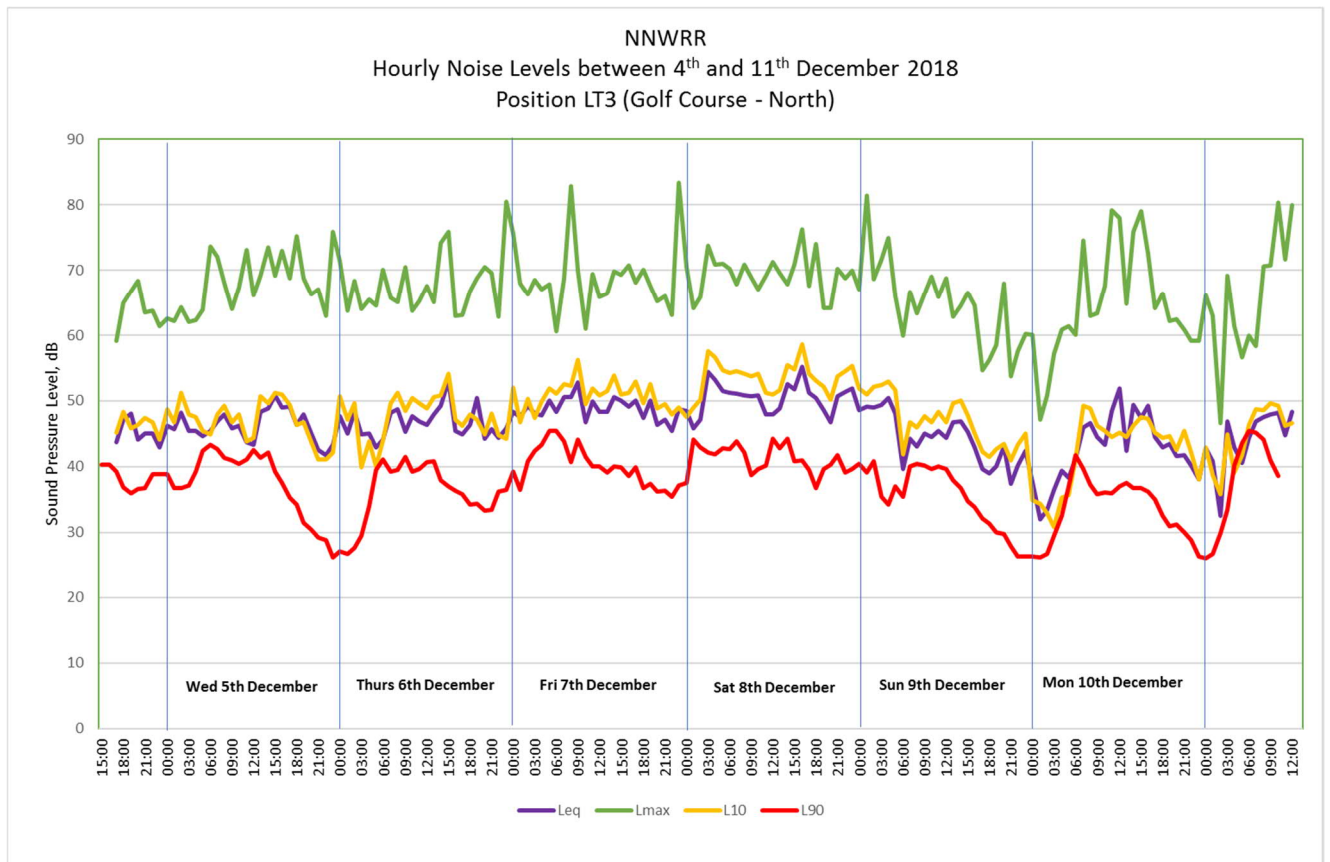




Table A13-13 - Hourly Noise Levels Measured at LT4

Period start	L_{Aeq,1h} (dB)	L_{AF90,1h} (dB)	L_{AF10,1h} (dB)	L_{AFmax,1h} (dB)
04/12/2018 16:00	48.4	45.2	49.8	68.2
04/12/2018 17:00	48.1	45.9	49.6	55.2
04/12/2018 18:00	48.1	44.4	48.9	63.8
04/12/2018 19:00	47	43.4	48.5	60.5
04/12/2018 20:00	44.9	39.6	47.7	67.1
04/12/2018 21:00	41.9	37.2	44.8	57
04/12/2018 22:00	42.8	37.9	45.5	61.9
04/12/2018 23:00	41	36.6	43.6	56
05/12/2018 00:00	41.8	37.1	44.7	54.9
05/12/2018 01:00	41.8	35.8	44.6	54.7
05/12/2018 02:00	43.6	37	47	59
05/12/2018 03:00	43.4	36.9	46.7	61.3
05/12/2018 04:00	46.5	39.6	49.6	60.1
05/12/2018 05:00	45.9	40.4	48.6	63.2
05/12/2018 06:00	46.7	43.1	48.8	62.2
05/12/2018 07:00	49.8	47.2	51.6	64.5
05/12/2018 08:00	50.6	48.3	52	65.4
05/12/2018 09:00	49.8	47.3	50.9	73.3
05/12/2018 10:00	49.2	45.5	50.1	70.8
05/12/2018 11:00	47.3	44.9	48.8	61.2
05/12/2018 12:00	47	44.4	48.5	63
05/12/2018 13:00	49	45.3	51.8	60.7
05/12/2018 14:00	51.7	48	53.3	71.9
05/12/2018 15:00	49.6	46.1	51.6	62.3
05/12/2018 16:00	51	46.9	52.8	72.8
05/12/2018 17:00	47.8	44.8	49.4	63.4
05/12/2018 18:00	45.3	41.6	47.7	59
05/12/2018 19:00	44.6	39.1	46.5	71.6
05/12/2018 20:00	43.8	36.5	45.6	68.4
05/12/2018 21:00	39.3	33.2	42.7	57.4
05/12/2018 22:00	39.1	31.5	42.6	60.1
05/12/2018 23:00	37.3	28.8	41	55



Period start	L _{Aeq,1h} (dB)	L _{AF90,1h} (dB)	L _{AF10,1h} (dB)	L _{AFmax,1h} (dB)
06/12/2018 00:00	40.1	27.7	44.3	54.3
06/12/2018 01:00	38.2	24.6	42.6	55.7
06/12/2018 02:00	41.4	26.5	44.3	59.1
06/12/2018 03:00	37.3	26	41.3	54.5
06/12/2018 04:00	37.9	28.3	42.8	51.5
06/12/2018 05:00	38.2	29.9	41.3	51.7
06/12/2018 06:00	42	36.2	44.9	59.4
06/12/2018 07:00	51	42.8	51.6	71.2
06/12/2018 08:00	48.6	45.3	50.6	70.7
06/12/2018 09:00	47.9	43.9	49.8	68.6
06/12/2018 10:00	46.1	42.5	48.1	59.9
06/12/2018 11:00	47.4	43.5	49.6	61.1
06/12/2018 12:00	46.9	42.5	48.7	64.9
06/12/2018 13:00	46.7	42.9	49.2	58.4
06/12/2018 14:00	47.7	43.9	50	60.5
06/12/2018 15:00	50.6	44.5	52	74.2
06/12/2018 16:00	45.6	42.7	47.5	60.9
06/12/2018 17:00	45.3	42	47	62.1
06/12/2018 18:00	44.5	40.3	46.9	58.1
06/12/2018 19:00	44.9	38.9	47.1	61.3
06/12/2018 20:00	41.8	37.3	44.6	55.9
06/12/2018 21:00	42.6	37	45.1	62
06/12/2018 22:00	41.5	35.6	44.7	56.5
06/12/2018 23:00	40.7	34.9	43.6	57.1
07/12/2018 00:00	42.5	37.2	45.6	57.2
07/12/2018 01:00	43.4	37.5	46.8	61.1
07/12/2018 02:00	45.2	39.4	48.5	59.8
07/12/2018 03:00	43.9	37.5	47.2	58.8
07/12/2018 04:00	47.8	41.9	50.8	68.3
07/12/2018 05:00	49.8	44.9	52.3	66.5
07/12/2018 06:00	50.4	46.7	52.6	62.5
07/12/2018 07:00	52.4	49.2	54.2	70.2
07/12/2018 08:00	52	49.4	53.7	68.4



Period start	L _{Aeq,1h} (dB)	L _{AF90,1h} (dB)	L _{AF10,1h} (dB)	L _{AFmax,1h} (dB)
07/12/2018 09:00	55.2	48.6	58.3	68.4
07/12/2018 10:00	47.5	43.7	49.5	68.2
07/12/2018 11:00	50.1	45.2	52.2	68.6
07/12/2018 12:00	48.3	44.4	50.4	62
07/12/2018 13:00	48.2	43.5	50.7	68.1
07/12/2018 14:00	50.8	43.7	52.2	73.4
07/12/2018 15:00	47.6	43.8	49.5	63.8
07/12/2018 16:00	49.1	44.5	49.8	71
07/12/2018 17:00	50.6	44.7	53.4	67.4
07/12/2018 18:00	46.1	41.8	47.9	69.3
07/12/2018 19:00	48.5	42.9	51.6	65.9
07/12/2018 20:00	44.6	39.5	47.2	61.1
07/12/2018 21:00	46.4	39.7	49.3	61
07/12/2018 22:00	43.9	38.5	46.9	57.7
07/12/2018 23:00	44.7	39.1	47.9	60.7
08/12/2018 00:00	43.1	37.1	45.7	64.6
08/12/2018 01:00	47.7	39.4	51.1	64.5
08/12/2018 02:00	47.8	40.5	50.7	64.6
08/12/2018 03:00	54.6	45.7	57.9	73.6
08/12/2018 04:00	52.7	44.5	55.8	75.3
08/12/2018 05:00	52.7	44.8	56.3	69.7
08/12/2018 06:00	52.2	44.2	55.6	69.4
08/12/2018 07:00	50.7	45.3	53.5	65.3
08/12/2018 08:00	50.7	45.7	53.4	64.7
08/12/2018 09:00	50	44.1	52.3	72.9
08/12/2018 10:00	50	43.9	51.4	74.4
08/12/2018 11:00	47.4	42.5	50	65.4
08/12/2018 12:00	46.3	42.5	48.3	63.1
08/12/2018 13:00	47.5	43.5	49.3	63.1
08/12/2018 14:00	51.8	46.1	54.7	68.4
08/12/2018 15:00	51.4	46.4	54	69
08/12/2018 16:00	56.6	47.7	59.7	75.9
08/12/2018 17:00	53.1	44.3	55.7	74.8



Period start	L _{Aeq,1h} (dB)	L _{AF90,1h} (dB)	L _{AF10,1h} (dB)	L _{AFmax,1h} (dB)
08/12/2018 18:00	49.7	43.4	52.7	64.6
08/12/2018 19:00	46.7	41.4	49.6	58.8
08/12/2018 20:00	46.3	38.9	49.2	65.3
08/12/2018 21:00	49.4	42.5	52.4	65.1
08/12/2018 22:00	49.4	42.3	52.6	64.3
08/12/2018 23:00	51.4	44.4	54.6	67.6
09/12/2018 00:00	48.5	41.5	52.1	62.9
09/12/2018 01:00	50.4	42.1	53.6	70.4
09/12/2018 02:00	49.1	41.2	52.2	69.7
09/12/2018 03:00	49.1	40.5	51.9	66.1
09/12/2018 04:00	50.2	41.5	53.5	66.8
09/12/2018 05:00	46.6	36.8	50.8	60.3
09/12/2018 06:00	40.9	36.1	43.3	58
09/12/2018 07:00	46.2	37.1	46.2	73.2
09/12/2018 08:00	44.7	37.7	46.3	69.6
09/12/2018 09:00	44.8	39.8	47.1	64.6
09/12/2018 10:00	45.7	41.5	47.7	71.8
09/12/2018 11:00	46	41.9	47.9	72.3
09/12/2018 12:00	46.6	43.1	48.6	63.5
09/12/2018 13:00	47.4	43.8	49.5	60.5
09/12/2018 14:00	46.2	42.5	48.3	61.2
09/12/2018 15:00	45.8	42	47.8	66.1
09/12/2018 16:00	44.9	40	47	61.4
09/12/2018 17:00	41.7	37.6	44.2	54.3
09/12/2018 18:00	41.1	36.5	43.7	58.6
09/12/2018 19:00	40.5	34.1	44	52.8
09/12/2018 20:00	44	33.6	44.2	69.1
09/12/2018 21:00	38	30.7	41.5	50.9
09/12/2018 22:00	38.3	29.9	41.2	55.4
09/12/2018 23:00	39.3	27.5	41.8	63.9
10/12/2018 00:00	34.5	24.4	36.5	54.9
10/12/2018 01:00	31.3	24.5	34.2	47.4
10/12/2018 02:00	32.1	25.2	34	53.3



Period start	L _{Aeq,1h} (dB)	L _{AF90,1h} (dB)	L _{AF10,1h} (dB)	L _{AFmax,1h} (dB)
10/12/2018 03:00	34.3	24.4	35.7	53.5
10/12/2018 04:00	35.6	25.1	38.2	56.3
10/12/2018 05:00	37.5	30.2	40.7	52.7
10/12/2018 06:00	41.3	34.2	44.5	58.2
10/12/2018 07:00	46.7	41.5	48.8	67.2
10/12/2018 08:00	47.8	43.3	48.6	70.6
10/12/2018 09:00	46.5	41	48	73.7
10/12/2018 10:00	45.2	39.8	47	63.1
10/12/2018 11:00	49.7	38.3	45.9	74.4
10/12/2018 12:00	47.7	38.9	47	71.7
10/12/2018 13:00	43.8	39.4	46.2	60.9
10/12/2018 14:00	50.1	40.4	47.4	75.2
10/12/2018 15:00	47.7	41.6	48.2	67.3
10/12/2018 16:00	49.4	41.4	47.1	73.1
10/12/2018 17:00	45.4	41.5	47.3	59.4
10/12/2018 18:00	44.2	39	46.1	64.3
10/12/2018 19:00	43.2	37.4	45.5	59.3
10/12/2018 20:00	40.5	34.2	43.8	54.2
10/12/2018 21:00	39.4	32.2	42.7	57.6
10/12/2018 22:00	38.7	31.9	42.1	51.3
10/12/2018 23:00	34.6	28.4	37.7	49.1
11/12/2018 00:00	36.3	27.2	39.6	55.2
11/12/2018 01:00	38.2	24.4	40.3	59.4
11/12/2018 02:00	35.1	24.5	39	55.1
11/12/2018 03:00	43.9	25.2	42.2	65.6
11/12/2018 04:00	41.5	28.5	43.5	59.3
11/12/2018 05:00	43.1	35.9	46.4	55.2
11/12/2018 06:00	47.6	43.6	49.8	55.3
11/12/2018 07:00	52	49.2	53.5	71.2
11/12/2018 08:00	52.4	50.5	53.6	67.6
11/12/2018 09:00	52.1	49.1	54	69.5
11/12/2018 10:00	52.8	47	52	93.5
11/12/2018 11:00	48.4	44	50.6	72.2

Figure A13-5 - Hourly Noise Levels Measured at Position LT4

