Alexandra Basin Redevelopment 2

Bringing Dublin Port To 2040

Environmental Impact Assessment Report

Appendix 12-1 Noise Survey Data

Volume 3



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Appendix 12-1
Noise Survey Data

Noise Survey Data for Noise Monitoring A-NML1 (Coastguard Cottages)

Map of Noise Monitoring Location	Photo of Noise Monitoring Location
	

Daytime (07:00 – 19:00) – 14/10/25					
Time	Measured Noise Levels dB(A)				
	L_{Aeq}	L_{AMax}	L_{AMin}	L_{A10}	L_{A90}
09:35 – 09:50	59.4	73.8	52.3	61.2	54.2
09:50 – 10:05	58.9	75.2	51.6	60.5	53.8
10:05 – 10:20	60.2	78.8	51.8	61.3	54.2
10:20 – 10:35	59.0	76.9	51.3	59.4	54.0
10:35 – 10:50	58.4	75.1	50.9	60.1	53.3
10:50 – 11:05	59.5	73.6	51.0	58.6	52.9
11:05 – 11:20	59.4	77.4	50.6	60.3	52.3
11:20 – 11:35	60.4	75.8	51.1	61.4	52.6
11:35 – 11:50	57.9	74.7	51.0	60.5	52.9
11:50 – 12:05	60.8	78.5	51.2	63.2	53.1
12:05 – 12:20	60.6	74.5	52.0	61.4	53.7
12:20 – 12:35	60.4	80.2	51.9	61.5	53.6
12:35 – 12:50	59.7	74.8	51.4	60.6	54.0
12:50 – 13:05	59.4	77.8	52.4	61.3	53.8
13:05 – 13:20	59.8	75.6	52.1	61.6	53.5
13:20 – 13:35	60.5	74.6	52.1	62.0	54.1
13:35 – 13:50	60.4	78.2	52.0	61.6	53.5
13:50 – 14:05	60.0	74.7	52.4	62.7	53.1
14:05 – 14:20	59.3	77.5	51.2	61.0	54.8

14:20 – 14:35	61.2	76.1	51.8	62.8	54.3
14:35 – 14:50	59.7	75.9	52.2	61.8	54.3
14:50 – 15:05	60.8	74.4	52.5	62.8	53.9
15:05 – 15:20	58.0	75.5	51.7	60.0	54.2
15:20 – 15:35	59.7	71.6	51.4	61.3	53.8
15:35 – 15:50	60.7	74.3	52.2	62.0	54.6
15:50 – 16:05	59.6	79.6	52.0	61.5	53.6
16:05 – 16:20	60.3	75.4	51.8	62.5	53.3

L_{Aeq} Range – 58 – 61 dB(A)

L_{A90} Range – 52 – 55 dB(A)

Survey Notes:

MTL / Port noise dominant (an array of plant noise, clacks/bangs, air release, beacons, tonal/impulsive elements). Road traffic noise sporadic along Pigeon House Road / Coastguard Cottages. Human activity. Bird noise.

Evening (19:00 – 23:00) – 15/10/25

19:15 – 19:30	56.7	74.7	51.4	59.6	53.6
19:30 – 19:45	57.4	73.8	50.8	60.2	53.4
19:45 – 20:00	58.5	76.3	51.2	59.9	53.2
20:00 – 20:15	59.4	78.7	50.4	61.2	53.5
20:15 – 20:30	58.4	77.3	51.0	61.4	53.7
20:30 – 20:45	59.7	75.6	50.8	61.3	52.7
20:45 – 21:00	58.6	76.4	50.7	59.8	53.3
21:00 – 21:15	58.6	73.8	50.4	60.6	53.0
21:15 – 21:30	57.5	76.1	50.0	59.5	52.7
21:30 – 21:45	57.2	72.5	50.4	59.5	52.5
21:45 – 22:00	56.7	74.1	50.0	58.4	52.4
22:00 – 22:15	56.6	74.3	49.7	58.7	51.1
22:15 – 22:30	54.7	75.6	49.5	55.5	51.3
22:30 – 22:45	56.2	74.4	49.2	56.5	50.5

L_{Aeq} Range – 55 – 60 dB(A)

L_{A90} Range – 51 – 54 dB(A)

Survey Notes:

MTL / Port noise dominant (an array of plant noise, clacks/bangs, air release, beacons, tonal/impulsive elements). Road traffic noise sporadic along Pigeon House Road / Coastguard Cottages. Human activity.

Night-time (23:00 – 07:00) – 15-16/10/25					
23:15 – 23:30	49.6	66.6	46.7	50.5	48.3
23:30 – 23:45	48.5	64.8	45.4	49.6	47.4
23:45 – 00:00	49.5	71.6	45.5	49.8	47.3
00:00 – 00:15	51.2	68.3	46.2	52.1	47.5
00:15 – 00:30	50.3	64.5	46.0	50.9	47.4
00:30 – 00:45	50.3	68.6	44.0	51.4	46.8
00:45 – 01:00	49.7	63.3	45.9	50.4	47.3
01:00 – 01:15	50.6	59.7	45.7	51.4	47.0
01:15 – 01:30	49.1	62.5	45.8	50.6	47.3
01:30 – 01:45	50.5	68.2	46.0	51.6	47.7
01:45 – 02:00	50.0	63.4	46.4	51.7	47.3
02:00 – 02:15	51.2	58.4	45.8	52.1	47.3
02:15 – 02:30	52.4	63.4	45.4	53.0	46.8
02:30 – 02:45	49.9	67.4	45.5	51.2	47.1
02:45 – 03:00	48.3	64.2	45.4	50.7	46.9
03:00 – 03:15	47.4	65.6	44.8	48.3	46.0
03:15 – 03:30	49.2	61.6	44.4	50.5	45.7
03:30 – 03:45	48.4	67.0	44.6	49.5	45.6
03:45 – 04:00	49.5	72.6	44.9	50.3	45.4
04:00 – 04:15	48.3	65.3	44.7	49.8	45.3
L_{Aeq} Range – 47 – 52 dB(A)					
L_{A90} Range – 45 – 48 dB(A)					
Survey Notes: MTL / Port noise dominant (an array of plant noise, clacks/bangs, air release, beacons, tonal/impulsive elements). Road traffic noise sporadic along Pigeon House Road / Coastguard Cottages.					

Noise Monitoring Data – Marina U-NML1

Time	Measured Noise Levels dB(A)	
	L_{Aeq}	L_{A90}
01 10 25 10:00	55.9	50.9
01 10 25 11:00	56.1	51.7
01 10 25 12:00	56.1	51.1
01 10 25 13:00	56.1	50.4
01 10 25 14:00	56	49.8
01 10 25 15:00	54.7	49.4
01 10 25 16:00	54.7	48.6
01 10 25 17:00	51.4	47.3
01 10 25 18:00	55.1	47.7
01 10 25 19:00	51.1	46.5
01 10 25 20:00	52	45.6
01 10 25 21:00	50.4	44.3
01 10 25 22:00	48.1	44
01 10 25 23:00	50.1	43.9
02 10 25 00:00	48.2	41.8
02 10 25 01:00	49.9	42.5
02 10 25 02:00	49.2	43.1
02 10 25 03:00	52.4	43.8
02 10 25 04:00	55.9	45.9
02 10 25 05:00	53.4	48.3
02 10 25 06:00	53	49.5
02 10 25 07:00	53.7	49.1
02 10 25 08:00	55.6	51.3
02 10 25 09:00	55.8	51.8
02 10 25 10:00	57.6	51.2
02 10 25 11:00	56.8	52.1
02 10 25 12:00	55.1	51.1
02 10 25 13:00	56.3	48.9
02 10 25 14:00	55.8	48.8
02 10 25 15:00	53.5	49.6
02 10 25 16:00	55.3	49.9
02 10 25 17:00	53.4	49.9
02 10 25 18:00	52.7	49.9
02 10 25 19:00	55.4	51.3
02 10 25 20:00	56.8	50.7
02 10 25 21:00	54.3	50.1
02 10 25 22:00	52.5	49.4
02 10 25 23:00	53.2	49.7
03 10 25 00:00	53.4	49.2
03 10 25 01:00	53.8	49.4
03 10 25 02:00	53.7	49.9
03 10 25 03:00	53.2	49.9
03 10 25 04:00	55.4	51.3
03 10 25 05:00	56.5	52.6
03 10 25 06:00	55.5	52.7
03 10 25 07:00	55.8	52.6
03 10 25 08:00	55.4	52
03 10 25 09:00	55.8	52.3
03 10 25 10:00	55.6	51.9

Time	Measured Noise Levels dB(A)	
	L_{Aeq}	L_{A90}
03 10 25 11:00	56.5	53.2
03 10 25 12:00	59	54.6
03 10 25 13:00	61.7	55.5
03 10 25 14:00	63.4	57.1
03 10 25 15:00	66	56.6
03 10 25 16:00	67.8	57.5
03 10 25 17:00	65.8	56.5
03 10 25 18:00	65.3	55.4
03 10 25 19:00	63.1	54
03 10 25 20:00	60.1	51.9
03 10 25 21:00	56.2	50.8
03 10 25 22:00	56.6	50.4
03 10 25 23:00	58.4	50.7
04 10 25 00:00	58.2	50.4
04 10 25 01:00	59.7	51.8
04 10 25 02:00	58.5	50.5
04 10 25 03:00	59.8	51.9
04 10 25 04:00	64.4	55.6
04 10 25 05:00	66.5	57.8
04 10 25 06:00	65.5	56.4
04 10 25 07:00	68.6	58.3
04 10 25 08:00	68.1	58.4
04 10 25 09:00	65.7	56.7
04 10 25 10:00	65	55.4
04 10 25 11:00	65.1	55.5
04 10 25 12:00	63.2	55.6
04 10 25 13:00	66	55.1
04 10 25 14:00	63.8	54
04 10 25 15:00	58.3	53.8
04 10 25 16:00	61.5	54.2
04 10 25 17:00	59.7	53.1
04 10 25 18:00	56.7	52.2
04 10 25 19:00	61	52.8
04 10 25 20:00	63.3	53.1
04 10 25 21:00	65.8	55.3
04 10 25 22:00	64.8	52.8
04 10 25 23:00	59.5	51.3
05 10 25 00:00	58.4	49.8
05 10 25 01:00	57.2	50
05 10 25 02:00	54.7	49.2
05 10 25 03:00	64.8	49.1
05 10 25 04:00	53.8	48.3
05 10 25 05:00	53.9	48.5
05 10 25 06:00	55.8	49.1
05 10 25 07:00	55.1	51.4
05 10 25 08:00	56.5	52.9
05 10 25 09:00	57.6	53
05 10 25 10:00	59.3	52.9
05 10 25 11:00	60.2	53.6
05 10 25 12:00	59.4	53.5
05 10 25 13:00	57.4	52
05 10 25 14:00	56.6	53

Time	Measured Noise Levels dB(A)	
	L_{Aeq}	L_{A90}
05 10 25 15:00	57.3	54.4
05 10 25 16:00	57.3	54.7
05 10 25 17:00	57.1	54.7
05 10 25 18:00	57.3	54.5
05 10 25 19:00	57.3	53.9
05 10 25 20:00	56.6	52.6
05 10 25 21:00	55.4	51.8
05 10 25 22:00	56.9	51.7
05 10 25 23:00	54.5	50.4
06 10 25 00:00	54.3	50.3
06 10 25 01:00	55.2	49.5
06 10 25 02:00	52.1	46.6
06 10 25 03:00	54.8	47.6
06 10 25 04:00	55.7	51
06 10 25 05:00	55.4	51.1
06 10 25 06:00	57.1	52.2
06 10 25 07:00	55.9	52
06 10 25 08:00	54.9	52.2
06 10 25 09:00	55.5	51.3
06 10 25 10:00	56.2	52.7
06 10 25 11:00	54.9	50.7
06 10 25 12:00	56.2	50.4
06 10 25 13:00	57.5	51.6
06 10 25 14:00	60.6	50.1
06 10 25 15:00	54.9	50.2
06 10 25 16:00	55.2	51.4
06 10 25 17:00	53.6	49.8
06 10 25 18:00	54.5	49.4
06 10 25 19:00	55.4	49.5
06 10 25 20:00	53.8	48.2
06 10 25 21:00	54.1	48.1
06 10 25 22:00	51	43.9
06 10 25 23:00	53	43.2
07 10 25 00:00	53.4	46.2
07 10 25 01:00	49.8	43.5
07 10 25 02:00	44.9	40.5
07 10 25 03:00	50.7	40.2
07 10 25 04:00	54.8	47.3
07 10 25 05:00	55.9	51.1
07 10 25 06:00	57	51.5
07 10 25 07:00	58.7	53.2
07 10 25 08:00	58.2	52.9
07 10 25 09:00	56.5	52.4
07 10 25 10:00	56.6	52.4
07 10 25 11:00	57.2	52.8
07 10 25 12:00	57.6	52.1
07 10 25 13:00	56.8	52.2
07 10 25 14:00	55.1	50.6
07 10 25 15:00	54	50
07 10 25 16:00	54.1	50.1
07 10 25 17:00	54.5	49.6
07 10 25 18:00	56.5	50

Time	Measured Noise Levels dB(A)	
	L_{Aeq}	L_{A90}
07 10 25 19:00	52.2	49.2
07 10 25 20:00	52.6	48.1
07 10 25 21:00	51.7	48
07 10 25 22:00	51.5	48.7
07 10 25 23:00	51.7	48

Noise Monitoring Data – T4 U-NML2

Time	Measured Noise Levels dB(A)	
	L_{Aeq}	L_{A90}
01 10 25 13:57	74.4	60.7
01 10 25 14:57	63.4	59
01 10 25 15:57	63.4	56.8
01 10 25 16:57	62.5	57.4
01 10 25 17:57	62.7	56.3
01 10 25 18:57	61.1	54.5
01 10 25 19:57	58.9	52.7
01 10 25 20:57	59	52
01 10 25 21:57	59.9	52.7
01 10 25 22:57	55.6	46.4
01 10 25 23:57	51	45.2
02 10 25 00:57	50.5	45.2
02 10 25 01:57	51.4	46.1
02 10 25 02:57	56.9	46.1
02 10 25 03:57	61.8	49.2
02 10 25 04:57	63.5	57.3
02 10 25 05:57	64	58.6
02 10 25 06:57	64.3	58.8
02 10 25 07:57	65.4	59
02 10 25 08:57	64.5	56.3
02 10 25 09:57	65.6	59.5
02 10 25 10:57	63.8	58.5
02 10 25 11:57	63.5	58.1
02 10 25 12:57	63.9	55.3
02 10 25 13:57	63.8	56.2
02 10 25 14:57	64.2	55.6
02 10 25 15:57	60.9	54.7
02 10 25 16:57	63.3	58.4
02 10 25 17:57	64.1	56.8
02 10 25 18:57	63.9	58.3
02 10 25 19:57	62	54.8
02 10 25 20:57	60.8	51.9
02 10 25 21:57	58.2	51.3

Time	Measured Noise Levels dB(A)	
	L_{Aeq}	L_{A90}
02 10 25 22:57	58.4	49.3
02 10 25 23:57	53.8	47.1
03 10 25 00:57	53.4	46.4
03 10 25 01:57	55.7	47.5
03 10 25 02:57	57.1	47.8
03 10 25 03:57	61.8	52.5
03 10 25 04:57	63.6	56.7
03 10 25 05:57	64.4	58.8
03 10 25 06:57	65.2	60
03 10 25 07:57	65.2	60.4
03 10 25 08:57	65.8	61.2
03 10 25 09:57	67	61.9
03 10 25 10:57	67.8	62
03 10 25 11:57	66.6	61.3
03 10 25 12:57	66.5	60.9
03 10 25 13:57	65.8	59.9
03 10 25 14:57	66.2	60.4
03 10 25 15:57	67.3	59.5
03 10 25 16:57	64.5	57.9
03 10 25 17:57	63.5	56.7
03 10 25 18:57	62	55
03 10 25 19:57	60.4	53.8
03 10 25 20:57	58.3	52.6
03 10 25 21:57	58.5	51.1
03 10 25 22:57	57.9	50.9
03 10 25 23:57	56.7	50.4
04 10 25 00:57	58.9	50.8
04 10 25 01:57	57	50.1
04 10 25 02:57	60	50.6
04 10 25 03:57	61.3	53.1
04 10 25 04:57	63	54.7
04 10 25 05:57	62.9	55.7
04 10 25 06:57	62.7	57
04 10 25 07:57	62.8	57.9
04 10 25 08:57	64	59.3
04 10 25 09:57	63.8	58.1
04 10 25 10:57	62.3	57.6
04 10 25 11:57	63.6	60.2
04 10 25 12:57	62.6	53.8
04 10 25 13:57	61.5	53.7
04 10 25 14:57	64.6	59.1
04 10 25 15:57	66	64.2
04 10 25 16:57	64.6	58.9
04 10 25 17:57	62.2	56.4
04 10 25 18:57	60.4	53.7
04 10 25 19:57	58.4	53
04 10 25 20:57	57.2	52.9
04 10 25 21:57	57.3	51.6
04 10 25 22:57	56.1	50.6
04 10 25 23:57	54.7	49.9
05 10 25 00:57	54.7	50.1
05 10 25 01:57	54.1	49.3

Time	Measured Noise Levels dB(A)	
	L_{Aeq}	L_{A90}
05 10 25 02:57	56.5	50
05 10 25 03:57	59.7	51.1
05 10 25 04:57	57.7	50.3
05 10 25 05:57	60.7	51.9
05 10 25 06:57	60.8	54
05 10 25 07:57	61.9	55.4
05 10 25 08:57	62.3	55
05 10 25 09:57	62.7	55.4
05 10 25 10:57	61.6	56.5
05 10 25 11:57	60.7	55.8
05 10 25 12:57	60.7	55.9
05 10 25 13:57	60.2	55.4
05 10 25 14:57	60.4	55.3
05 10 25 15:57	61.7	55.5
05 10 25 16:57	61.2	55.6
05 10 25 17:57	60.4	53.1
05 10 25 18:57	60	52.7
05 10 25 19:57	57.7	49.9
05 10 25 20:57	58.3	49.9
05 10 25 21:57	58.4	48.7
05 10 25 22:57	56.9	50.8
05 10 25 23:57	62.7	50.2
06 10 25 00:57	55.9	49.9
06 10 25 01:57	53.7	48.1
06 10 25 02:57	56.9	48.1
06 10 25 03:57	61.6	51.9
06 10 25 04:57	62.8	55.7
06 10 25 05:57	64.1	57.4
06 10 25 06:57	66.4	58.8
06 10 25 07:57	65.9	59.6
06 10 25 08:57	62.8	58.3
06 10 25 09:57	64.8	58.6
06 10 25 10:57	65.7	58.6
06 10 25 11:57	63.9	57.4
06 10 25 12:57	63.8	57.4
06 10 25 13:57	64.4	59.2
06 10 25 14:57	65.9	59.6
06 10 25 15:57	62.2	56
06 10 25 16:57	61.2	55.2
06 10 25 17:57	60.7	54.3
06 10 25 18:57	59.2	52
06 10 25 19:57	61.1	52.3
06 10 25 20:57	59.6	51.3
06 10 25 21:57	59.4	47
06 10 25 22:57	54.2	44.3
06 10 25 23:57	53.1	44.1
07 10 25 00:57	53.3	44.3
07 10 25 01:57	55.3	44
07 10 25 02:57	56.2	45
07 10 25 03:57	59.8	48.5
07 10 25 04:57	61.9	53.7
07 10 25 05:57	62.9	57.9

Time	Measured Noise Levels dB(A)	
	L_{Aeq}	L_{A90}
07 10 25 06:57	63.6	57.7
07 10 25 07:57	64.3	60
07 10 25 08:57	64.8	59.3
07 10 25 09:57	65.5	58.6
07 10 25 10:57	63.9	58.1
07 10 25 11:57	63.2	58.7
07 10 25 12:57	64.4	58.8
07 10 25 13:57	64.9	58.2
07 10 25 14:57	64.2	57.9
07 10 25 15:57	61.9	56.1
07 10 25 16:57	62	54
07 10 25 17:57	60.5	54.8
07 10 25 18:57	61.2	53.6
07 10 25 19:57	60.2	51.8
07 10 25 20:57	58.6	50.5
07 10 25 21:57	57	49.5
07 10 25 22:57	59.7	49.2
07 10 25 23:57	58.1	50.3

Noise Monitoring Data – Clontarf U-NML3

Time	Measured Noise Levels dB(A)	
	L_{Aeq}	L_{A90}
01 10 25 10:48	53.8	45.9
01 10 25 11:48	54.3	44.8
01 10 25 12:48	53.3	44.7
01 10 25 13:48	53.9	46.1
01 10 25 14:48	53.2	45.1
01 10 25 15:48	54.3	45.6
01 10 25 16:48	54.9	44.4
01 10 25 17:48	56.2	45.4
01 10 25 18:48	52.2	43.6
01 10 25 19:48	51.1	40.1
01 10 25 20:48	50.7	40.3
01 10 25 21:48	48.9	37.7
01 10 25 22:48	48.2	36.9
01 10 25 23:48	45.2	35.3
02 10 25 00:48	42.9	33.4
02 10 25 01:48	41.7	31.7
02 10 25 02:48	45.3	38.2
02 10 25 03:48	50.5	38.5
02 10 25 04:48	54.8	41.8
02 10 25 05:48	55	44.5
02 10 25 06:48	58.6	45.3
02 10 25 07:48	53.6	44.2
02 10 25 08:48	53.9	42.9
02 10 25 09:48	54.2	45.8
02 10 25 10:48	53.7	46.2
02 10 25 11:48	54.3	45.6
02 10 25 12:48	55.5	46.9
02 10 25 13:48	56.1	48.5
02 10 25 14:48	59	48.8
02 10 25 15:48	56.2	47.8
02 10 25 16:48	57.2	49
02 10 25 17:48	56.1	47.5
02 10 25 18:48	54.9	47
02 10 25 19:48	54.6	45.7
02 10 25 20:48	52.8	43.1
02 10 25 21:48	52	42.3
02 10 25 22:48	50.5	40.1
02 10 25 23:48	48.3	40.4
03 10 25 00:48	47.4	39.1
03 10 25 01:48	46.6	38.4
03 10 25 02:48	45.3	39.6
03 10 25 03:48	49.1	41.3
03 10 25 04:48	56.5	44.7
03 10 25 05:48	56.3	45.9
03 10 25 06:48	56.3	47
03 10 25 07:48	67.9	47.9
03 10 25 08:48	58	51
03 10 25 09:48	62.9	55.2
03 10 25 10:48	60.2	52.1

Time	Measured Noise Levels dB(A)	
	L_{Aeq}	L_{A90}
03 10 25 11:48	58.6	51.7
03 10 25 12:48	61.3	54.3
03 10 25 13:48	61.3	53.7
03 10 25 14:48	62.1	53.8
03 10 25 15:48	68.2	58.3
03 10 25 16:48	63.3	53.9
03 10 25 17:48	61.3	53.3
03 10 25 18:48	61	49.7
03 10 25 19:48	57.2	47.8
03 10 25 20:48	55.6	46.7
03 10 25 21:48	55	48
03 10 25 22:48	55.5	47.5
03 10 25 23:48	55.8	46.8
04 10 25 00:48	57.2	48.5
04 10 25 01:48	55.8	46
04 10 25 02:48	55.5	47.7
04 10 25 03:48	61	51.1
04 10 25 04:48	64	54.5
04 10 25 05:48	62.7	52.6
04 10 25 06:48	62	53
04 10 25 07:48	61.6	53.3
04 10 25 08:48	60.9	53.5
04 10 25 09:48	58.3	50.6
04 10 25 10:48	57.8	50.6
04 10 25 11:48	57.4	50
04 10 25 12:48	58	49.6
04 10 25 13:48	57.2	48.8
04 10 25 14:48	55.3	47.4
04 10 25 15:48	54.7	47.1
04 10 25 16:48	55.5	47.5
04 10 25 17:48	55.4	46.7
04 10 25 18:48	54.1	46.7
04 10 25 19:48	53.6	46.1
04 10 25 20:48	54	46.8
04 10 25 21:48	54.3	46.7
04 10 25 22:48	53.7	45.1
04 10 25 23:48	52.1	43.7
05 10 25 00:48	50.7	42.1
05 10 25 01:48	51.2	41.9
05 10 25 02:48	51	40.6
05 10 25 03:48	47.9	38.9
05 10 25 04:48	49.4	41.7
05 10 25 05:48	54.2	41.9
05 10 25 06:48	53.1	43.3
05 10 25 07:48	55.2	45.7
05 10 25 08:48	54.2	45.6
05 10 25 09:48	56.1	46.2
05 10 25 10:48	54	46.9
05 10 25 11:48	53.6	46.7
05 10 25 12:48	54.4	45.2
05 10 25 13:48	52.5	45.5
05 10 25 14:48	54.2	45.3

Time	Measured Noise Levels dB(A)	
	L_{Aeq}	L_{A90}
05 10 25 15:48	54.6	45.8
05 10 25 16:48	53.8	45.6
05 10 25 17:48	53.6	43.6
05 10 25 18:48	52.4	43
05 10 25 19:48	55.7	41.2
05 10 25 20:48	50.2	41.6
05 10 25 21:48	49.9	42.1
05 10 25 22:48	48.9	41.3
05 10 25 23:48	47.2	40.6
06 10 25 00:48	48.3	40.3
06 10 25 01:48	47	40.3
06 10 25 02:48	46.9	40.7
06 10 25 03:48	48.9	42.8
06 10 25 04:48	53.6	44.1
06 10 25 05:48	55.5	46.7
06 10 25 06:48	55.1	46.2
06 10 25 07:48	54.7	46
06 10 25 08:48	54.3	44
06 10 25 09:48	54.4	45
06 10 25 10:48	54.8	43.6
06 10 25 11:48	54	42
06 10 25 12:48	53.7	42.7
06 10 25 13:48	51.9	41.6
06 10 25 14:48	52.9	44.8
06 10 25 15:48	54.2	45.4
06 10 25 16:48	54.6	45.1
06 10 25 17:48	55.9	44.1
06 10 25 18:48	52.9	43.6
06 10 25 19:48	52.1	42.5
06 10 25 20:48	50.2	41.3
06 10 25 21:48	48.9	40.7
06 10 25 22:48	46.9	40.4
06 10 25 23:48	44.5	39.8
07 10 25 00:48	44.8	39.4
07 10 25 01:48	43.7	38.8
07 10 25 02:48	43.8	38.6
07 10 25 03:48	48	40.9
07 10 25 04:48	54.7	44.3
07 10 25 05:48	56.2	46.9
07 10 25 06:48	57.4	48
07 10 25 07:48	60.8	46.8
07 10 25 08:48	53.4	45.5
07 10 25 09:48	52.1	44.8
07 10 25 10:48	54.1	44.9
07 10 25 11:48	52.3	45
07 10 25 12:48	53.2	45.1
07 10 25 13:48	52.4	44.5
07 10 25 14:48	52.8	44.7
07 10 25 15:48	53.3	43.9
07 10 25 16:48	54.9	44
07 10 25 17:48	53.9	42.2
07 10 25 18:48	52.6	38.1

Time	Measured Noise Levels dB(A)	
	L_{Aeq}	L_{A90}
07 10 25 19:48	51.9	35.3
07 10 25 20:48	50.5	34.4
07 10 25 21:48	47.9	33.3
07 10 25 22:48	46.5	31.6
07 10 25 23:48	44.2	29.5