

Annex E1

Noise Monitoring Results

Table E1.1 Measured Noise Levels (dB(A)) at NM1 during Normal Working Hours (0700-1900 hours; Normal Weekdays)

Date	Start Time	Finish Time	Weather	L ₁₀ (30min)	L ₉₀ (30min)	L _{eq} (30min)
3 Jan 19	16:15	16:45	Cloudy	54.0	50.5	52.4
10 Jan 19	15:25	15:55	Cloudy	50.5	46.5	48.9
17 Jan 19	9:43	10:13	Sunny	55.5	50.5	53.5
24 Jan 19	14:17	14:47	Sunny	55.0	49.5	53.6
31 Jan 19	14:14	14:44	Sunny	52.5	50.0	51.6
8 Feb 19	14:17	14:47	Sunny	50.0	45.5	48.0
13 Feb 19	14:48	15:18	Sunny	54.5	46.0	52.1
20 Feb 19	14:48	15:18	Sunny	53.5	50.0	52.5
27 Feb 19	14:44	15:14	Sunny	53.5	47.0	51.2
7 Mar 19	NA	NA	Rainy	Monitoring was cancelled due to adverse weather.		
13 Mar 19	15:46	16:16	Sunny	52.5	48	51.1
22 Mar 19	14:56	15:26	Sunny	54.0	50.5	53.1
28 Mar 19	14:24	14:54	Sunny	54.5	48.5	52.5
4 Apr 19	14:54	15:24	Sunny	52.5	48.5	51.0
10 Apr 19	14:26	14:56	Sunny	54.0	51.0	53.2
18 Apr 19	14:36	15:06	Sunny	51.5	48.5	50.4
24 Apr 19	14:55	15:25	Sunny	55.5	52.0	53.8
2 May 19	14:31	15:01	Cloudy	53.5	49.0	52.2
8 May 19	NA	NA	Pouring	Monitoring was cancelled due to adverse weather.		
16 May 19	14:41	15:11	Sunny	56.0	52.0	54.6
23 May 19	NA	NA	Drizzle	Monitoring was cancelled due to adverse weather.		
30 May 19	16:18	16:48	Cloudy	53.0	47.5	51.6
6 Jun 19	16:07	16:37	Sunny	55.5	51.5	55.4
14 Jun 19	15:47	16:17	Sunny	67.0	49.2	53.2
20 Jun 19	15:42	16:12	Sunny	57.0	52.1	54.7
27 Jun 19	15:55	16:25	Sunny	56.3	51.3	54.4
4 Jul 19	15:31	16:01	Sunny	54.3	50.8	52.7
12 Jul 19	15:30	16:30	Sunny	56.7	53.0	55.1
18 Jul 19	15:48	16:18	Sunny	53.7	50.1	52
25 Jul 19	15:38	16:08	Sunny	57.5	54.1	56.1
1 Aug 19	NA	NA	Pouring	Monitoring was cancelled due to adverse weather.		
8 Aug 19	15:25	15:55	Sunny	59.8	56.0	59.7
15 Aug 19	15:00	15:30	Sunny	55.5	53.1	54.4
22 Aug 19	15:21	15:51	Sunny	53.2	49.4	51.8
29 Aug 19	NA	NA	Pouring	Monitoring was cancelled due to adverse weather.		
5 Sep 19	15:42	16:12	Cloudy	53.9	49.6	52.5
12 Sep 19	15:25	15:55	Sunny	53.5	49.5	52.0
19 Sep 19	14:56	15:26	Sunny	56.0	52.0	54.8
26 Sep 19	15:07	15:37	Sunny	52.5	48.5	51.0
3 Oct 19	15:00	15:30	Sunny	54.5	51.5	53.3
9 Oct 19	15:12	15:42	Sunny	52.5	48.5	50.8
17 Oct 19	15:05	15:35	Sunny	57.0	50.5	54.7
24 Oct 19	14:39	15:09	Sunny	53.0	48.5	51.6
31 Oct 19	14:37	15:07	Sunny	57.5	50.5	55.1
7 Nov 19	14:37	15:07	Sunny	53.5	50.0	52.1
15 Nov 19	15:01	15:31	Sunny	56.0	48.0	53.8
21 Nov 19	14:34	15:04	Sunny	58.5	54.5	57.0
28 Nov 19	14:39	15:09	Sunny	54.0	51.0	52.9
5 Dec 19	NA	NA	Rainy	Monitoring was cancelled due to adverse weather.		
12 Dec 19	14:56	15:26	Sunny	53.0	49.0	51.6

Date	Start Time	Finish Time	Weather	L ₁₀ (30min)	L ₉₀ (30min)	L _{eq} (30min)
18 Dec 19	15:01	15:31	Sunny	54.5	47.5	52.3
27 Dec 19	14:59	15:29	Sunny	53.0	48.0	51.8
Average						52.9
Min						48.0
Max						59.7

Note:

Correction of +3 dB(A) was made for free field measurements.

Figure E1.1 Graphical Presentation for Noise Monitoring at NM1

