



Appendix D. Monitoring Results

Air Quality Monitoring Results

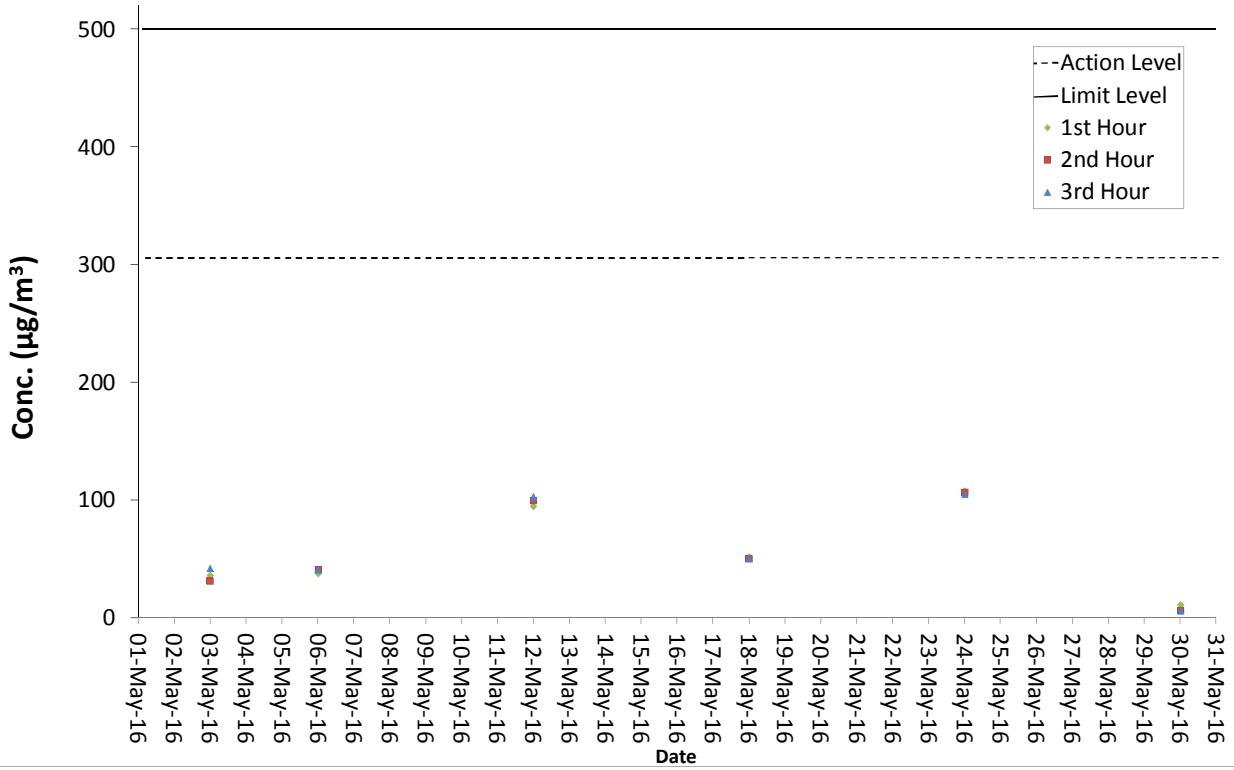
1-hour TSP Results**Station: AR1A- Man Tung Road Park**

Date	Time	Weather	Wind Speed (m/s)	Wind Direction (deg)	1-hr TSP ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
03-May-16	09:00	Fine	3.5	63	36	306	500
03-May-16	10:00	Fine	2.2	49	31	306	500
03-May-16	11:00	Fine	2.7	6	42	306	500
06-May-16	13:50	Fine	5.6	220	38	306	500
06-May-16	14:50	Fine	5.5	215	41	306	500
06-May-16	15:50	Fine	5.4	231	41	306	500
12-May-16	14:05	Cloudy	4.2	265	95	306	500
12-May-16	15:05	Cloudy	2.2	319	100	306	500
12-May-16	16:05	Cloudy	5.7	109	103	306	500
18-May-16	13:52	Cloudy	8.8	109	52	306	500
18-May-16	14:52	Cloudy	7.7	92	50	306	500
18-May-16	15:52	Cloudy	6.4	79	51	306	500
24-May-16	13:53	Fine	3.9	268	108	306	500
24-May-16	14:53	Fine	6.0	267	107	306	500
24-May-16	15:53	Fine	4.2	95	105	306	500
30-May-16	13:58	Sunny	5.7	202	11	306	500
30-May-16	14:58	Sunny	6.0	207	6	306	500
30-May-16	15:58	Sunny	5.0	230	6	306	500

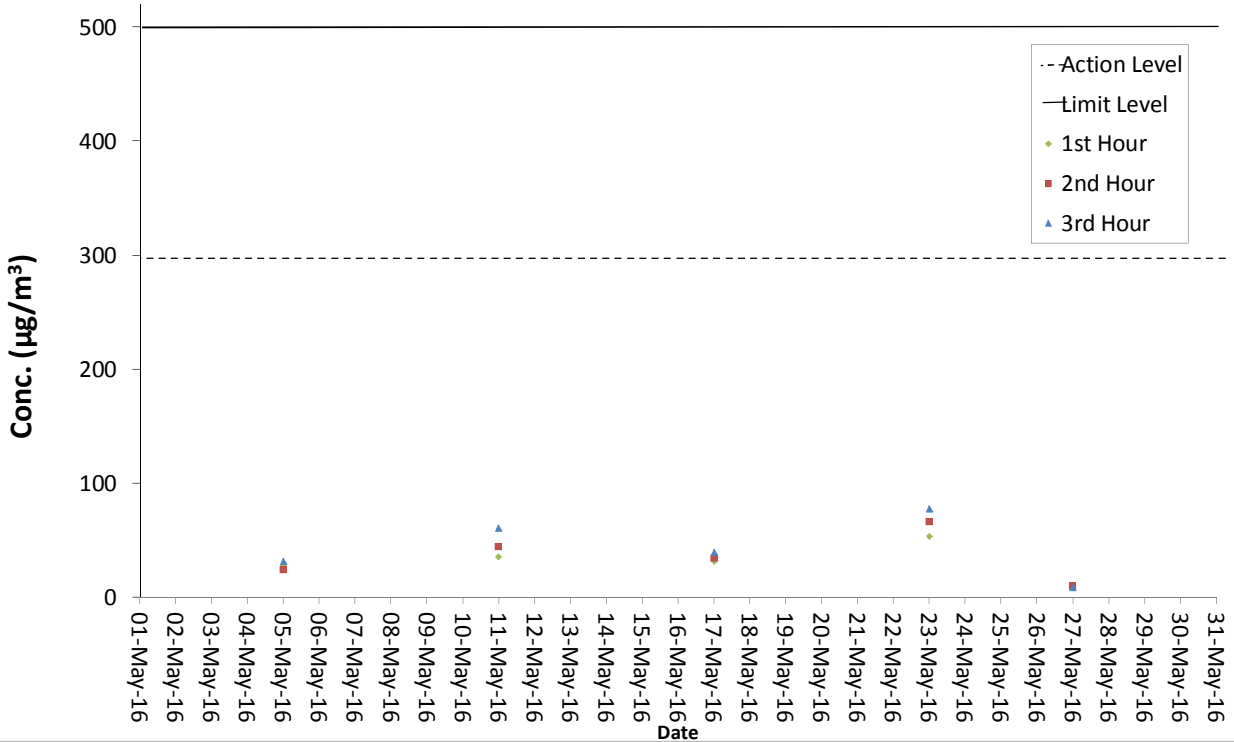
1-hour TSP Results**Station: AR2- Village House, Tin Sum**

Date	Time	Weather	Wind Speed (m/s)	Wind Direction (deg)	1-hr TSP ($\mu\text{g}/\text{m}^3$)	Action Level ($\mu\text{g}/\text{m}^3$)	Limit Level ($\mu\text{g}/\text{m}^3$)
05-May-16	08:58	Fine	5.3	169	28	298	500
05-May-16	09:58	Fine	5.1	208	25	298	500
05-May-16	10:58	Fine	5.8	201	32	298	500
11-May-16	08:55	Fine	4.1	46	36	298	500
11-May-16	09:55	Fine	3.9	341	45	298	500
11-May-16	10:55	Fine	4.1	313	61	298	500
17-May-16	09:00	Fine	8.2	110	32	298	500
17-May-16	10:00	Fine	7.8	109	35	298	500
17-May-16	11:00	Fine	8.0	108	40	298	500
23-May-16	09:00	Sunny	2.1	351	54	298	500
23-May-16	10:00	Sunny	3.7	342	67	298	500
23-May-16	11:00	Sunny	3.7	315	78	298	500
27-May-16	08:55	Cloudy	6.8	105	10	298	500
27-May-16	09:55	Cloudy	6.5	106	10	298	500
27-May-16	10:55	Cloudy	6.7	120	9	298	500

AR1A 1-Hour TSP



AR2 1-Hour TSP





Noise Monitoring Results

Noise Measurement Results

Station: NM1A- Man Tung Road Park

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₉₀ dB(A)	L _{eq(30mins)} dB(A)
03-May-16	Fine	10:12	72.5	60.0	73
03-May-16	Fine	10:17	72.0	58.0	
03-May-16	Fine	10:22	71.0	59.0	
03-May-16	Fine	10:27	72.5	59.0	
03-May-16	Fine	10:32	73.5	60.5	
03-May-16	Fine	10:37	73.0	59.5	
12-May-16	Cloudy	14:55	72.5	54.0	71
12-May-16	Cloudy	15:00	72.0	55.5	
12-May-16	Cloudy	15:05	73.0	56.0	
12-May-16	Cloudy	15:10	70.5	55.0	
12-May-16	Cloudy	15:15	68.5	53.5	
12-May-16	Cloudy	15:20	70.0	56.0	
18-May-16	Cloudy	14:55	70.0	53.0	71
18-May-16	Cloudy	15:00	72.5	54.5	
18-May-16	Cloudy	15:05	72.5	55.0	
18-May-16	Cloudy	15:10	71.0	54.0	
18-May-16	Cloudy	15:15	71.5	55.0	
18-May-16	Cloudy	15:20	69.5	55.0	
24-May-16	Fine	14:50	70.5	55.0	71
24-May-16	Fine	14:55	69.0	55.0	
24-May-16	Fine	15:00	71.5	56.0	
24-May-16	Fine	15:05	70.5	56.0	
24-May-16	Fine	15:10	70.0	55.5	
24-May-16	Fine	15:15	72.0	55.5	
30-May-16	Sunny	14:57	72.0	56.0	72
30-May-16	Sunny	15:02	72.0	58.5	
30-May-16	Sunny	15:07	72.0	58.5	
30-May-16	Sunny	15:12	72.0	60.5	
30-May-16	Sunny	15:17	70.5	58.0	
30-May-16	Sunny	15:22	69.0	58.0	

Remarks:

+3dB (A) correction was applied to free-field measurement.

Noise Measurement Results

Station: NM3A- Site Office

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₉₀ dB(A)	L _{eq(30mins)} dB(A)
03-May-16	Sunny	14:05	61.5	60.0	61
03-May-16	Sunny	14:10	61.5	60.0	
03-May-16	Sunny	14:15	61.5	60.0	
03-May-16	Sunny	14:20	62.5	60.0	
03-May-16	Sunny	14:25	60.5	59.5	
03-May-16	Sunny	14:30	61.5	59.5	
09-May-16	Sunny	14:32	62.0	60.0	62
09-May-16	Sunny	14:37	63.0	60.0	
09-May-16	Sunny	14:42	63.0	60.5	
09-May-16	Sunny	14:47	61.0	60.0	
09-May-16	Sunny	14:52	61.0	60.0	
09-May-16	Sunny	14:57	62.5	60.5	
19-May-16	Fine	14:17	64.5	59.5	61
19-May-16	Fine	14:22	68.5	60.0	
19-May-16	Fine	14:27	69.5	60.5	
19-May-16	Fine	14:32	69.5	60.0	
19-May-16	Fine	14:37	69.0	60.0	
19-May-16	Fine	14:42	69.0	60.0	
24-May-16	Sunny	13:55	62.5	61.5	63
24-May-16	Sunny	14:00	63.0	61.5	
24-May-16	Sunny	14:05	64.5	62.0	
24-May-16	Sunny	14:10	62.5	61.5	
24-May-16	Sunny	14:15	62.5	61.5	
24-May-16	Sunny	14:20	62.5	61.0	
30-May-16	Sunny	14:07	62.0	60.5	62
30-May-16	Sunny	14:12	61.5	60.5	
30-May-16	Sunny	14:17	61.5	60.5	
30-May-16	Sunny	14:22	61.5	60.5	
30-May-16	Sunny	14:27	61.5	60.5	
30-May-16	Sunny	14:32	62.0	60.5	

Noise Measurement Results

Station: NM4- Ching Chung Hau Po Won Primary School

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₉₀ dB(A)	L _{eq(30mins)} dB(A)
03-May-16	Fine	13:05	63.0	58.0	64
03-May-16	Fine	13:10	65.0	58.5	
03-May-16	Fine	13:15	62.0	59.0	
03-May-16	Fine	13:20	63.0	59.5	
03-May-16	Fine	13:25	62.5	59.0	
03-May-16	Fine	13:30	64.0	59.0	
12-May-16	Cloudy	13:00	68.0	63.0	66
12-May-16	Cloudy	13:05	68.5	64.0	
12-May-16	Cloudy	13:10	68.5	64.5	
12-May-16	Cloudy	13:15	68.5	65.0	
12-May-16	Cloudy	13:20	67.0	61.0	
12-May-16	Cloudy	13:25	67.0	61.0	
18-May-16	Cloudy	13:00	63.0	59.0	60
18-May-16	Cloudy	13:05	67.0	62.0	
18-May-16	Cloudy	13:10	69.0	64.0	
18-May-16	Cloudy	13:15	63.5	57.5	
18-May-16	Cloudy	13:20	63.0	58.0	
18-May-16	Cloudy	13:25	66.0	61.0	
24-May-16	Fine	13:00	65.5	61.5	60
24-May-16	Fine	13:05	66.0	61.0	
24-May-16	Fine	13:10	66.5	61.5	
24-May-16	Fine	13:15	67.0	52.0	
24-May-16	Fine	13:20	66.0	61.5	
24-May-16	Fine	13:25	65.5	60.5	
30-May-16	Sunny	13:55	64.5	60.0	66
30-May-16	Sunny	14:00	66.0	59.5	
30-May-16	Sunny	14:05	66.5	59.0	
30-May-16	Sunny	14:10	63.0	58.5	
30-May-16	Sunny	14:15	64.0	58.5	
30-May-16	Sunny	14:20	63.0	58.5	

Remarks:

+3dB (A) correction was applied to free-field measurement
The examination period for NM4 will be from 2 to 8 June 2016

Noise Measurement Results

Station: NM5- Village House, Tin Sum

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₉₀ dB(A)	L _{eq(30mins)} dB(A)
05-May-16	Fine	09:34	53.0	46.5	53
05-May-16	Fine	09:39	53.0	46.5	
05-May-16	Fine	09:44	54.5	44.5	
05-May-16	Fine	09:49	52.0	43.5	
05-May-16	Fine	09:54	51.0	44.5	
05-May-16	Fine	09:59	52.0	45.0	
11-May-16	Fine	09:15	55.0	50.5	57
11-May-16	Fine	09:20	64.5	51.5	
11-May-16	Fine	09:25	62.0	52.0	
11-May-16	Fine	09:30	60.0	52.0	
11-May-16	Fine	09:35	61.0	51.5	
11-May-16	Fine	09:40	60.0	51.0	
17-May-16	Fine	08:30	56.0	46.5	59
17-May-16	Fine	08:35	55.0	49.5	
17-May-16	Fine	08:40	56.5	50.0	
17-May-16	Fine	08:45	60.0	49.5	
17-May-16	Fine	08:50	61.0	49.5	
17-May-16	Fine	08:55	59.0	49.5	
23-May-16	Sunny	09:15	57.5	51.5	58
23-May-16	Sunny	09:20	58.0	51.0	
23-May-16	Sunny	09:25	57.0	50.0	
23-May-16	Sunny	09:30	57.0	49.5	
23-May-16	Sunny	09:35	57.0	51.5	
23-May-16	Sunny	09:40	57.5	51.0	

Remarks:

+3dB (A) correction was applied to free-field measurement

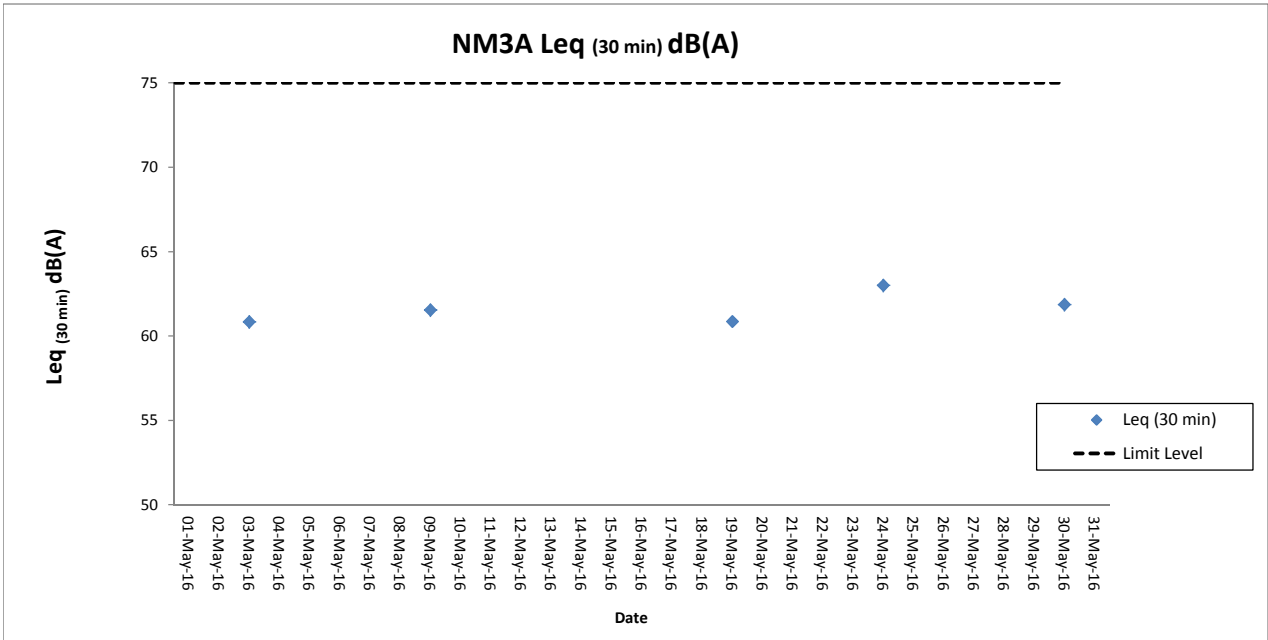
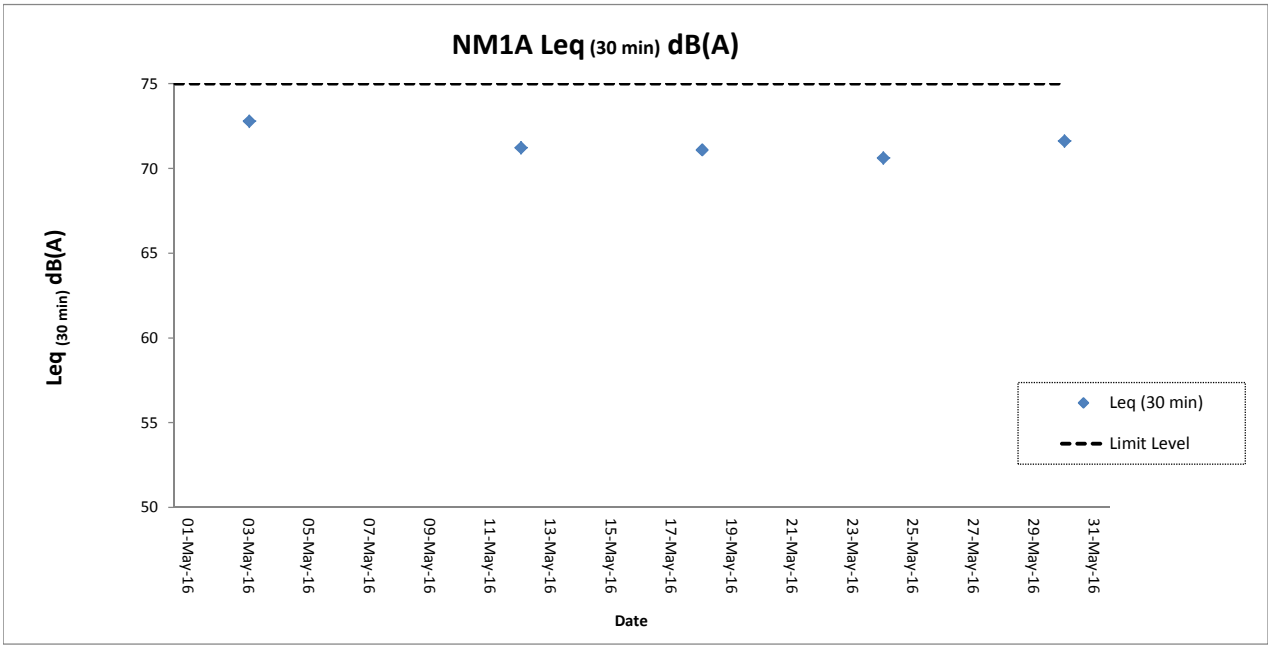
Noise Measurement Results

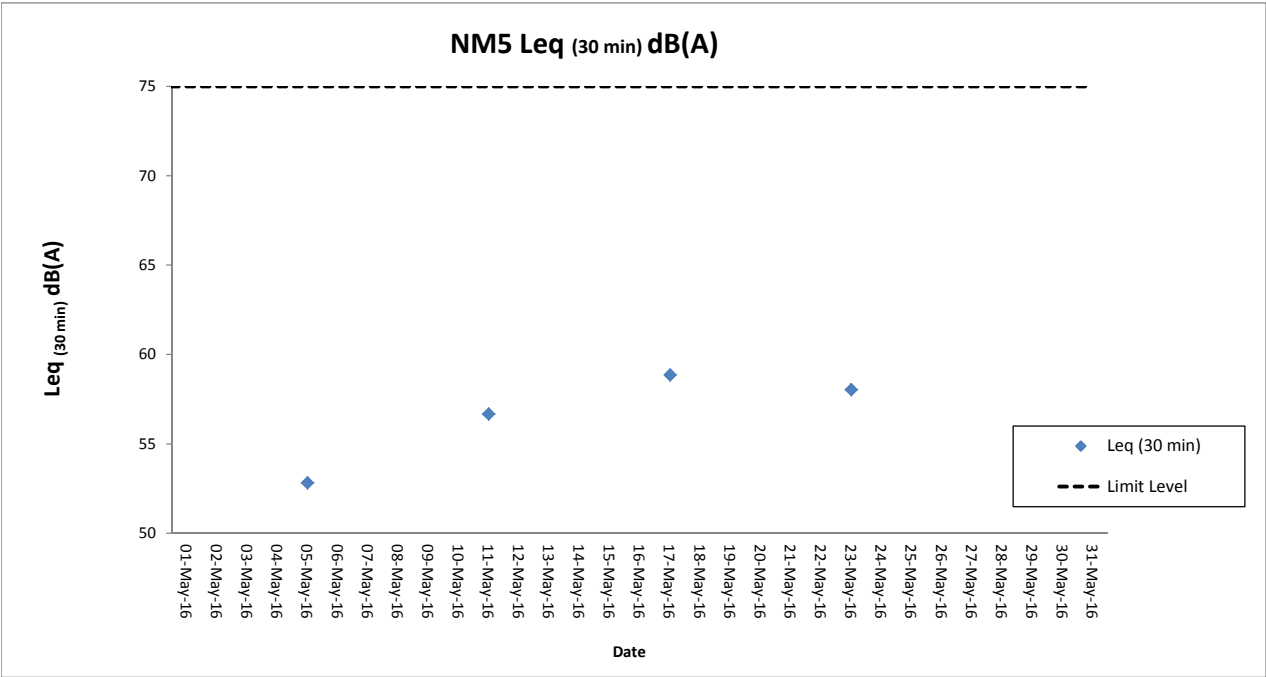
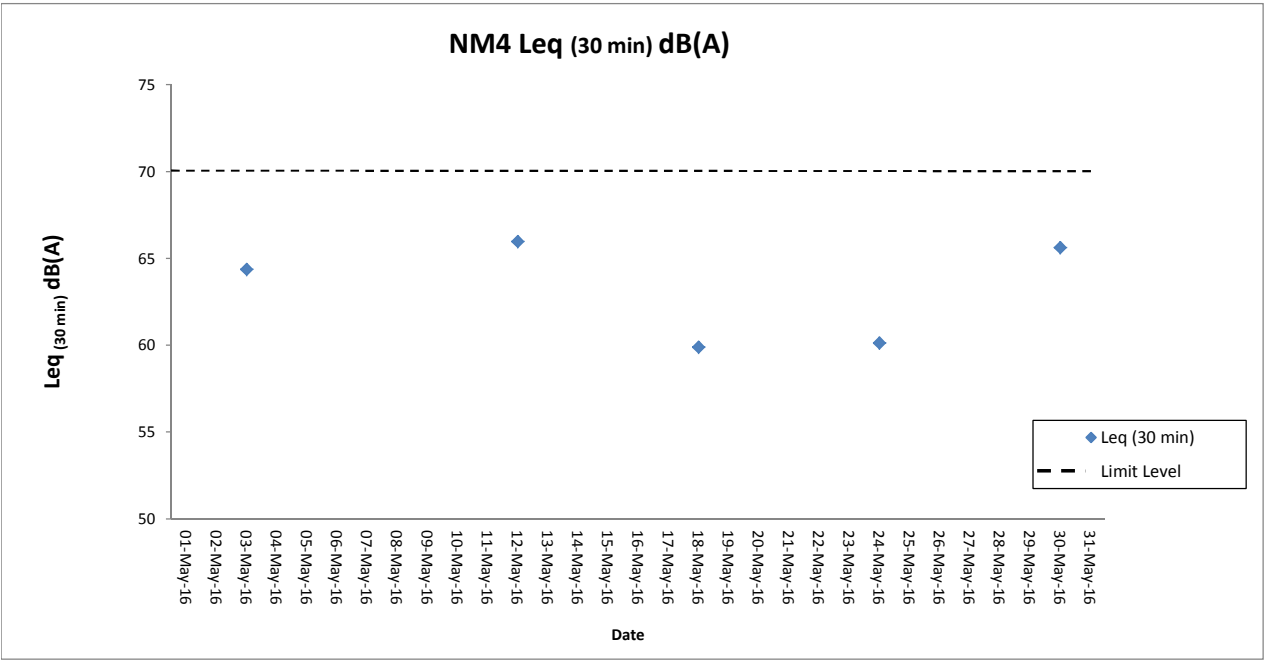
Station: NM6- House No.1 Sha Lo Wan

Date	Weather	Time	Measured L ₁₀ dB(A)	Measured L ₉₀ dB(A)	L _{eq(30mins)} dB(A)
05-May-16	Sunny	09:42	76.5	59.5	71
05-May-16	Sunny	09:47	76.5	60.0	
05-May-16	Sunny	09:52	70.0	58.5	
05-May-16	Sunny	09:57	73.5	58.5	
05-May-16	Sunny	10:02	73.0	58.5	
05-May-16	Sunny	10:07	72.0	59.0	
11-May-16	Sunny	09:38	76.5	64.5	74
11-May-16	Sunny	09:43	76.5	64.0	
11-May-16	Sunny	09:48	73.5	62.5	
11-May-16	Sunny	09:53	77.0	62.5	
11-May-16	Sunny	09:58	73.5	72.0	
11-May-16	Sunny	10:03	78.5	66.0	
17-May-16	Fine	11:30	64.5	53.0	66
17-May-16	Fine	11:35	73.5	58.0	
17-May-16	Fine	11:40	69.0	54.5	
17-May-16	Fine	11:45	73.0	59.5	
17-May-16	Fine	11:50	69.5	59.0	
17-May-16	Fine	11:55	70.0	59.5	
27-May-16	Cloudy	09:42	67.0	55.5	66
27-May-16	Cloudy	09:47	64.5	54.5	
27-May-16	Cloudy	09:52	66.5	54.0	
27-May-16	Cloudy	09:57	69.0	55.0	
27-May-16	Cloudy	10:02	65.5	55.0	
27-May-16	Cloudy	10:07	68.0	56.5	

Remarks:

+3dB (A) correction was applied to free-field measurement.





NM6 Leq (30 min) dB(A)

