

Noise Monitoring Data - Summary of Construction Noise Monitoring Results, dB(A)

NM1A - Slope near the Victoria Shanghai Academy						
Date	Time		Noise Levels, dB(A)			Limit Level for Leq (dB(A))⁽²⁾
	Start	Finish	Corrected Leq(30min) (1)	Corrected L90 (1)	Corrected L10 (1)	
5-Jun-18	10:10	10:40	60.0	58.4	61.5	70
11-Jun-18	8:32	9:02	59.1	57.5	60.7	70
21-Jun-18	9:12	9:42	60.1	58.7	62.1	65
27-Jun-18	10:08	10:38	60.5	59.1	61.6	70
3-Jul-18	10:08	10:38	60.6	58.8	62.6	70
11-Jul-18	10:40	11:10	59.6	58.5	61.4	70
19-Jul-18	10:18	10:48	59.1	58.0	60.3	70
25-Jul-18	10:00	10:30	59.4	58.1	60.8	70
31-Jul-18	10:10	10:40	59.1	57.9	60.5	70
8-Aug-18	10:40	11:10	59.7	57.9	61.2	70
16-Aug-18	10:08	10:38	59.4	58.1	60.9	70
22-Aug-18	10:08	10:38	59.0	57.7	60.5	70
28-Aug-18	10:00	10:30	59.0	57.7	60.5	70

NM2 - Hong Kong Juvenile Care Centre						
Date	Time		Noise Levels, dB(A)			Limit Level for Leq (dB(A))⁽²⁾
	Start	Finish	L_{eq}(30min)	L₉₀	L₁₀	
5-Jun-18	9:30	10:00	52.7	51.2	54.2	70
11-Jun-18	10:10	10:40	51.6	53.1	54.7	70
21-Jun-18	10:00	10:30	52.1	50.7	53.9	65
27-Jun-18	9:30	10:00	54.5	53.2	55.7	70
3-Jul-18	9:30	10:00	54.7	53.1	56.2	70
11-Jul-18	10:00	10:30	53.1	51.7	54.7	70
19-Jul-18	9:40	10:10	51.1	50.1	52.5	70
25-Jul-18	14:30	15:00	51.0	49.8	52.3	70
31-Jul-18	9:30	10:00	51.3	49.8	52.8	70
8-Aug-18	10:00	10:30	51.3	49.9	52.7	70
16-Aug-18	9:30	10:00	51.1	49.7	52.3	70
22-Aug-18	9:30	10:00	50.5	49.3	51.9	70
28-Aug-18	9:20	9:50	50.9	49.5	52.2	70

NM1A - Slope near the Victoria Shanghai Academy						
Date	Time		Noise Levels, dB(A)			Limit Level for L_{eq} (dB(A))⁽³⁾
	Start	Finish	Corrected L_{eq}(15min)⁽¹⁾	Corrected L₉₀⁽¹⁾	Corrected L₁₀⁽¹⁾	
3-Jun-18	13:35	13:50	54.2	49.7	55.9	70
10-Jun-18	9:40	9:55	53.3	50.2	55.0	70
17-Jun-18	10:42	10:57	56.6	54.4	58.3	70
24-Jun-18	11:40	11:55	56.3	53.8	58.0	70
1-Jul-18	11:00	11:15	55.5	52.6	57.8	70
8-Jul-18	9:15	9:30	54.9	50.1	56.1	70
15-Jul-18	15:03	15:18	54.0	50.3	55.3	70
22-Jul-18	16:53	17:08	52.7	49.7	54.8	70
29-Jul-18	10:55	11:10	55.5	52.1	57.4	70
5-Aug-18	14:05	14:20	56.8	55.2	58.2	70
12-Aug-18	15:00	15:15	57.3	55.7	58.9	70
19-Aug-18	9:25	9:40	57.2	55.4	59.0	70
26-Aug-18	13:35	13:50	56.7	55.5	58.1	70

NM2 - Hong Kong Juvenile Care Centre						
Date	Time		Noise Levels, dB(A)			Limit Level for L_{eq} (dB(A))⁽³⁾
	Start	Finish	L_{eq}(15min)	L₉₀	L₁₀	
3-Jun-18	13:10	13:25	49.3	45.8	50.0	65
10-Jun-18	9:15	9:30	51.0	49.4	52.2	65
17-Jun-18	10:18	10:33	50.6	49.1	51.8	65
24-Jun-18	11:15	11:30	51.5	50.4	52.9	65
1-Jul-18	10:35	10:50	51.0	47.7	54.1	65
8-Jul-18	9:40	9:55	46.9	44.9	51.3	65
15-Jul-18	14:38	14:53	51.2	47.1	53.1	65
22-Jul-18	16:30	16:45	49.3	44.8	51.2	65
29-Jul-18	10:30	10:45	52.5	45.9	54.6	65
5-Aug-18	13:40	13:55	47.7	46.0	49.2	65
12-Aug-18	14:35	14:50	49.6	48.1	51.0	65
19-Aug-18	9:00	9:15	49.5	48.0	50.8	65
26-Aug-18	13:10	13:25	48.7	47.4	49.9	65

Notes:

- (1) A free field correction of +3dB(A) has been made to these measurements as specified in the EM&A Manual and EPD guidelines.
- (2) Acceptable Noise Levels for school should be reduced to 65 dB(A) during examination period.
- (3) Technical memorandum on noise from construction work other than percussive piling - Section 4 Table 2.