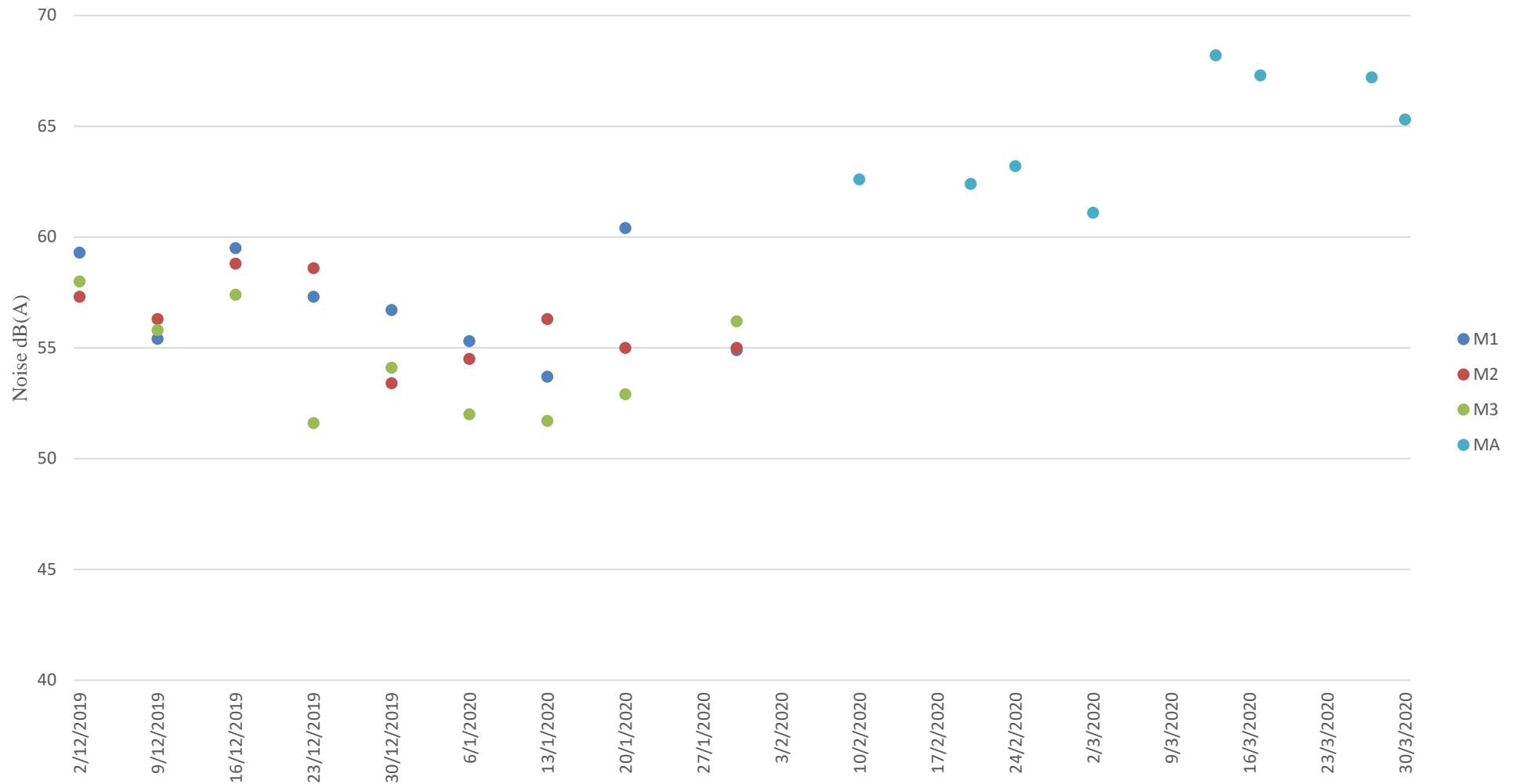


Appendix D Noise Monitoring Data Trending

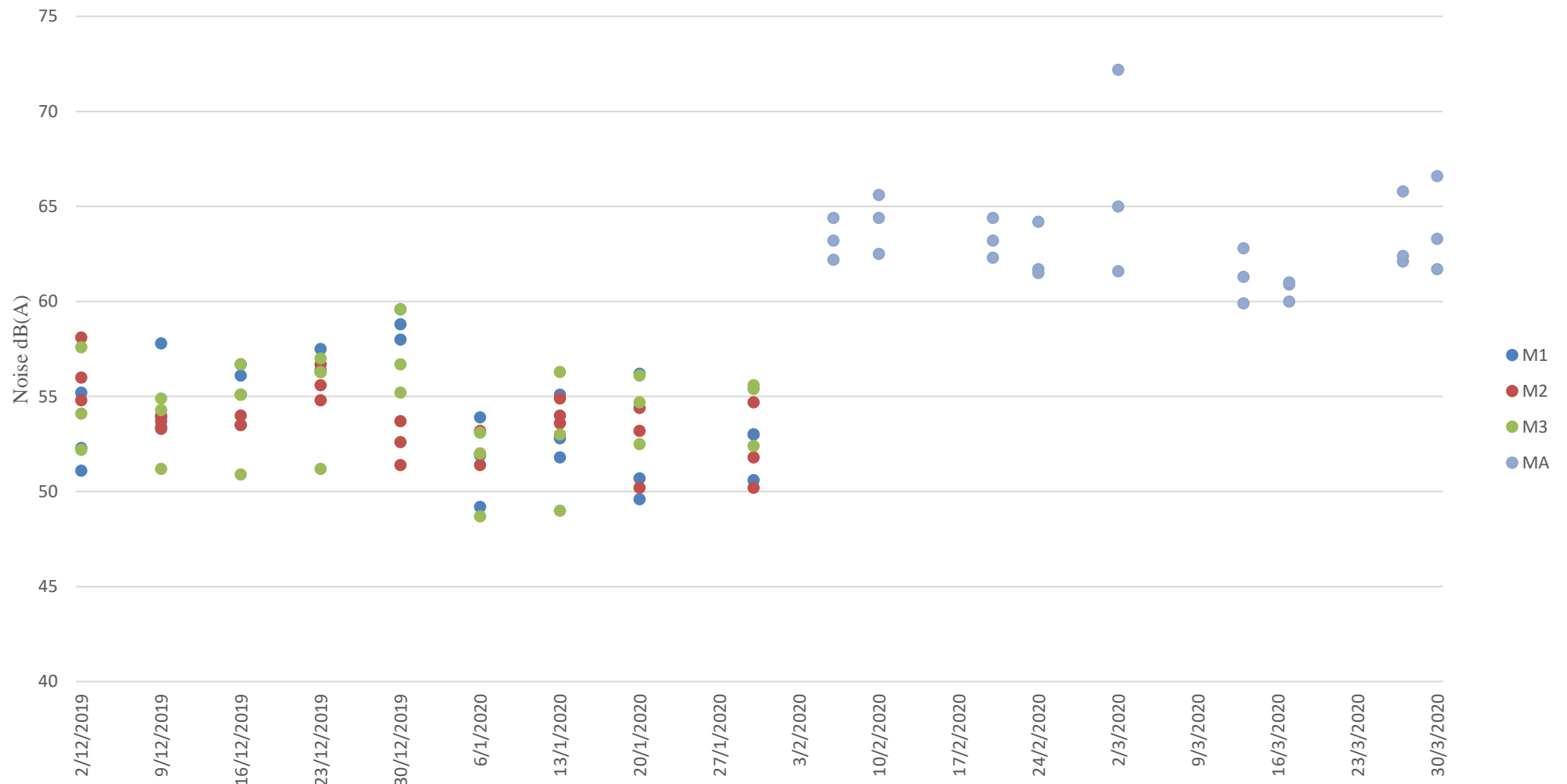
Impact Noise Monitoring Results during Daytime (0700 - 1900hrs)



*Based on the concern of novel coronavirus in Feb 2020, access to Shek Kwu Chau was rejected by SADRA. Hence, the alternative noise monitoring location (MA) at the farthest barge outside the site boundary was proposed by ET and agreed by IEC which subject to EPD approval.

**A correction of +3 dB(A) would be made to the free field measurements.

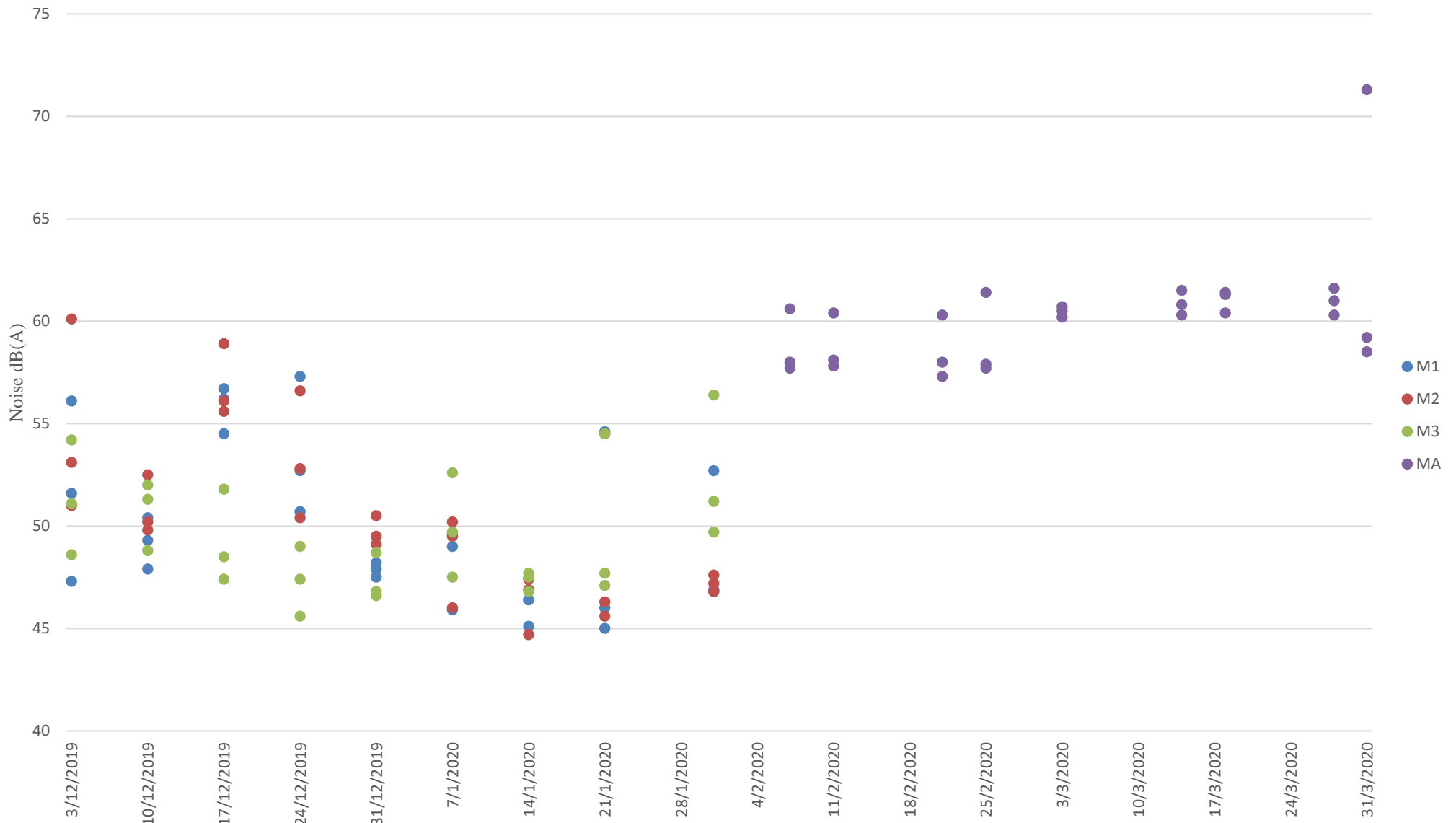
Additional Impact Noise Monitoring Results during Evening Time (1900 - 2300hrs)



*Based on the concern of novel coronavirus in Feb 2020, access to Shek Kwu Chau was rejected by SADRA. Hence, the alternative noise monitoring location (MA) at the farthest barge outside the site boundary was proposed by ET and agreed by IEC which subject to EPD approval.

**A correction of +3 dB(A) would be made to the free field measurements.

Additional Impact Noise Monitoring Results during Night Time (2300 - 0700hrs)



*Based on the concern of novel coronavirus in Feb 2020, access to Shek Kwu Chau was rejected by SADRA. Hence, the alternative noise monitoring location (MA) at the farthest barge outside the site boundary was proposed by ET and agreed by IEC which subject to EPD approval.

**A correction of +3 dB(A) would be made to the free field measurements.

Summary of the Construction Activities Undertaken during the Reporting Period

Location of works	Construction activities undertaken	Remarks on progress
Breakwater	<ul style="list-style-type: none"> • Sand blanket laying • DCM installation 	<ul style="list-style-type: none"> • On-going • On-going
Reclamation area	<ul style="list-style-type: none"> • Sand blanket laying 	<ul style="list-style-type: none"> • On-going
Seawall portion	<ul style="list-style-type: none"> • DCM installation • Coring for DCM cluster • Dredging • Cone penetration test • Installation of caisson • Installation of Prefabricated Vertical Drain 	<ul style="list-style-type: none"> • Completed • On-going • 66,878.8842 m³ of dredged sediment in bulk quantity was dumped at relevant dumping site in total up to 31 March 2020. • On-going • On-going • On-going

Location: Shek Kwu Chau Treatment & Rehabilitation Centre Hostel 1 (M1 / N_S1)

Monitoring date: 6, 13, 20 & 30 January 2020 (Daytime)
 6&7, 13&14, 20&21, 30&31 January 2020 (Evening & Night time)

Parameter : $L_{eq\ 30min}$ (Daytime), $L_{eq\ 5min}$ (Evening & Night time)

Noise source other than construction activities from the Project: Nil

Noise Monitoring data:

Date	Start time		End time	Weather	$L_{eq\ 30min}$ dB(A) / $L_{eq\ 5min}$ dB(A)	Sound Level Meter Used	Calibrator Used
6 Jan 2020	16:10	-	16:40	Sunny	55.3	XL2 (Serial No. A2A-13548-E0)	SV33B (No. 83042)
6 Jan 2020	19:10	-	19:15	Fine	53.9	XL2 (Serial No. A2A-13548-E0)	SV33B (No. 83042)
	20:10	-	20:15		51.9		
	21:10	-	21:15		49.2		
7 Jan 2020	1:10	-	01:15	Fine	49.0	XL2 (Serial No. A2A-13548-E0)	SV33B (No. 83042)
	3:10	-	03:15		49.6		
	5:10	-	05:15		45.9		
13 Jan 2020	16:10	-	16:40	Sunny	53.7	XL2 (Serial No. A2A-13548-E0)	SV33B (No. 83042)
13 Jan 2020	19:10	-	19:15	Fine	51.8	XL2 (Serial No. A2A-13548-E0)	SV33B (No. 83042)
	20:10	-	20:15		55.1		
	21:10	-	21:15		52.8		
14 Jan 2020	1:10	-	01:15	Fine	46.4	XL2 (Serial No. A2A-13548-E0)	SV33B (No. 83042)
	3:10	-	03:15		45.1		
	5:10	-	05:15		46.4		
20 Jan 2020	16:14	-	16:44	Sunny	60.4	XL2 (Serial No. A2A-13548-E0)	SV33B (No. 83042)
20 Jan 2020	19:14	-	19:19	Fine	49.6	XL2 (Serial No. A2A-13548-E0)	SV33B (No. 83042)
	20:14	-	20:19		50.7		
	21:14	-	21:19		56.2		
21 Jan 2020	1:14	-	01:19	Fine	54.6	XL2 (Serial No. A2A-13548-E0)	SV33B (No. 83042)
	3:14	-	03:19		45.0		
	5:14	-	05:19		46.0		

Date	Start time		End time	Weather	$L_{eq\ 30min}$ dB(A) / $L_{eq\ 5min}$ dB(A)	Sound Level Meter Used	Calibrator Used
30 Jan 2020	16:08	-	16:38	Sunny	54.9	XL2 (Serial No. A2A-13548-E0)	SV33B (No. 83042)
30 Jan 2020	19:08	-	19:13	Fine	50.6	XL2 (Serial No. A2A-13548-E0)	SV33B (No. 83042)
	20:08	-	20:13		53.0		
	21:08	-	21:13		53.0		
31 Jan 2020	1:08	-	01:13	Fine	52.7	XL2 (Serial No. A2A-13548-E0)	SV33B (No. 83042)
	3:08	-	03:13		46.9		
	5:08	-	05:13		46.8		

Location: Shek Kwu Chau Treatment & Rehabilitation Centre Hostel 2 (M2 / N_S2)

Monitoring date: 6, 13, 20 & 30 January 2020 (Daytime)
 6&7, 13&14, 20&21, 30&31 January 2020 (Evening & Night time)

Parameter : $L_{eq\ 30min}$ (Daytime), $L_{eq\ 5min}$ (Evening & Night time)

Noise source other than construction activities from the Project: Nil

Noise Monitoring data:

Date	Start time		End time	Weather	$L_{eq\ 30min}$ dB(A) / $L_{eq\ 5min}$ dB(A)	Sound Level Meter Used	Calibrator Used
6 Jan 2020	16:08	-	16:38	Sunny	54.5	XL2 (Serial No. A2A-13661-E0)	SV33B (No. 83042)
6 Jan 2020	19:08	-	19:13	Fine	51.4	XL2 (Serial No. A2A-13661-E0)	SV33B (No. 83042)
	20:08	-	20:13		53.2		
	21:08	-	21:13		52.0		
7 Jan 2020	1:08	-	01:13	Fine	49.5	XL2 (Serial No. A2A-13661-E0)	SV33B (No. 83042)
	3:08	-	03:13		50.2		
	5:08	-	05:13		46.0		
13 Jan 2020	16:05	-	16:35	Sunny	56.3	XL2 (Serial No. A2A-13663-E0)	SV33B (No. 83042)
13 Jan 2020	19:05	-	19:10	Fine	54	XL2 (Serial No. A2A-13663-E0)	SV33B (No. 83042)
	20:05	-	20:10		54.9		
	21:05	-	21:10		53.6		
14 Jan 2020	1:05	-	01:10	Fine	46.9	XL2 (Serial No. A2A-13663-E0)	SV33B (No. 83042)
	3:05	-	03:10		44.7		
	5:05	-	05:10		47.4		
20 Jan 2020	16:19	-	16:49	Sunny	55.0	XL2 (Serial No. A2A-13663-E0)	SV33B (No. 83042)
20 Jan 2020	19:19	-	19:24	Fine	53.2	XL2 (Serial No. A2A-13663-E0)	SV33B (No. 83042)
	20:19	-	20:24		50.2		
	21:19	-	21:24		54.4		
21 Jan 2020	1:19	-	01:24	Fine	54.5	XL2 (Serial No. A2A-13663-E0)	SV33B (No. 83042)
	3:19	-	03:24		45.6		
	5:19	-	05:24		46.3		

Date	Start time		End time	Weather	$L_{eq\ 30min}$ dB(A) / $L_{eq\ 5min}$ dB(A)	Sound Level Meter Used	Calibrator Used
30 Jan 2020	16:18	-	16:48	Sunny	55.0	XL2 (Serial No. A2A-13663-E0)	SV33B (No. 83042)
30 Jan 2020	19:18	-	19:23	Fine	51.8	XL2 (Serial No. A2A-13663-E0)	SV33B (No. 83042)
	20:18	-	20:23		50.2		
	21:18	-	21:23		54.7		
31 Jan 2020	1:18	-	01:23	Fine	47.6	XL2 (Serial No. A2A-13663-E0)	SV33B (No. 83042)
	3:18	-	03:23		47.2		
	5:18	-	05:23		46.8		

Location: Shek Kwu Chau Treatment & Rehabilitation Centre Hostel 3 (M3 / N_S3)

Monitoring date: 6, 13, 20 & 30 January 2020 (Daytime)
 6&7, 13&14, 20&21, 30&31 January 2020 (Evening & Night time)

Parameter : $L_{eq\ 30min}$ (Daytime), $L_{eq\ 5min}$ (Evening & Night time)

Noise source other than construction activities from the Project: Nil

Noise Monitoring data:

Date	Start time		End time	Weather	$L_{eq\ 30min}$ dB(A) / $L_{eq\ 5min}$ dB(A)	Sound Level Meter Used	Calibrator Used
6 Jan 2020	16:10	-	16:40	Sunny	52.0	SVAN 971 (Serial No. 77731)	SV33B (No. 83042)
6 Jan 2020	19:10	-	19:15	Fine	52.0	SVAN 971 (Serial No. 77731)	SV33B (No. 83042)
	20:10	-	20:15		53.1		
	21:10	-	21:15		48.7		
7 Jan 2020	1:10	-	01:15	Fine	49.7	SVAN 971 (Serial No. 77731)	SV33B (No. 83042)
	3:10	-	03:15		52.6		
	5:10	-	05:15		47.5		
13 Jan 2020	16:11	-	16:41	Sunny	51.7	SVAN 971 (Serial No. 77731)	SV33B (No. 83042)
13 Jan 2020	19:11	-	19:16	Fine	49.0	SVAN 971 (Serial No. 77731)	SV33B (No. 83042)
	20:11	-	20:16		53.0		
	21:11	-	21:16		56.3		
14 Jan 2020	1:11	-	01:16	Fine	47.7	SVAN 971 (Serial No. 77731)	SV33B (No. 83042)
	3:11	-	03:16		46.8		
	5:11	-	05:16		47.5		
20 Jan 2020	16:10	-	16:40	Sunny	52.9	SVAN 971 (Serial No. 77731)	SV33B (No. 83042)
20 Jan 2020	19:10	-	19:15	Fine	52.5	SVAN 971 (Serial No. 77731)	SV33B (No. 83042)
	20:10	-	20:15		54.7		
	21:10	-	21:15		56.1		
21 Jan 2020	1:10	-	01:15	Fine	54.5	SVAN 971 (Serial No. 77731)	SV33B (No. 83042)
	3:10	-	03:15		47.7		
	5:10	-	05:15		47.1		

Date	Start time		End time	Weather	$L_{eq\ 30min}$ dB(A) / $L_{eq\ 5min}$ dB(A)	Sound Level Meter Used	Calibrator Used
30 Jan 2020	16:13	-	16:43	Sunny	56.2	SVAN 971 (Serial No. 77731)	SV33B (No. 83042)
30 Jan 2020	19:13	-	19:18	Fine	52.4	SVAN 971 (Serial No. 77731)	SV33B (No. 83042)
	20:13	-	20:18		55.6		
	21:13	-	21:18		55.4		
31 Jan 2020	1:13	-	01:18	Fine	56.4	SVAN 971 (Serial No. 77731)	SV33B (No. 83042)
	3:13	-	03:18		51.2		
	5:13	-	05:18		49.7		

Location: Alternative noise monitoring location (FTB-17)

Monitoring date: 6, 10, 20 & 24 February 2020 (Daytime)
 6&7, 10&11, 20&21, 24&25 February 2020 (Evening & Night time)

Parameter : $L_{eq\ 30min}$ (Daytime), $L_{eq\ 5min}$ (Evening & Night time)

Noise source other than construction activities from the Project: Sound of sea waves

Noise Monitoring data:

Date	Start time		End time	Weather	$L_{eq\ 30min}$ dB(A) / $L_{eq\ 5min}$ dB(A)	Free-field Corr., dB(A)	Sound Level Meter Used	Calibrator Used
6 Feb 2020	16:14	-	16:44	Sunny	59.6	62.6	XL2 (Serial No. A2A-13548-E0)	Rion NC-74 (No. 34504770)
6 Feb 2020	19:14	-	19:19	Fine	59.2	62.2	XL2 (Serial No. A2A-13548-E0)	Rion NC-74 (No. 34504770)
	20:14	-	20:19		61.4	64.4		
	21:14	-	21:19		60.2	63.2		
7 Feb 2020	01:14	-	01:19	Fine	54.7	57.7	XL2 (Serial No. A2A-13548-E0)	Rion NC-74 (No. 34504770)
	03:14	-	03:19		55	58		
	05:14	-	05:19		57.6	60.6		
10 Feb 2020	16:19	-	16:49	Sunny	59.4	62.4	XL2 (Serial No. A2A-13548-E0)	Rion NC-74 (No. 34504770)
10 Feb 2020	19:19	-	19:24	Fine	61.4	64.4	XL2 (Serial No. A2A-13548-E0)	Rion NC-74 (No. 34504770)
	20:19	-	20:24		62.6	65.6		
	21:19	-	21:24		59.5	62.5		
11 Feb 2020	01:19	-	01:24	Fine	54.8	57.8	XL2 (Serial No. A2A-13548-E0)	Rion NC-74 (No. 34504770)
	03:19	-	03:24		55.1	58.1		
	05:19	-	05:24		57.4	60.4		
20 Feb 2020	16:24	-	16:54	Sunny	60.2	63.2	XL2 (Serial No. A2A-13548-E0)	Rion NC-74 (No. 34504770)
20 Feb 2020	19:24	-	19:29	Fine	59.3	62.3	XL2 (Serial No. A2A-13548-E0)	Rion NC-74 (No. 34504770)
	20:24	-	20:29		61.4	64.4		
	21:24	-	21:29		60.2	63.2		
21 Feb 2020	01:24	-	01:29	Fine	55	58	XL2 (Serial No. A2A-13548-E0)	Rion NC-74 (No. 34504770)
	03:24	-	03:29		54.3	57.3		
	05:24	-	05:29		57.3	60.3		

Date	Start time		End time	Weather	$L_{eq\ 30min}$ dB(A) / L_{eq} $5min$ dB(A)	Free- field Corr., dB(A)	Sound Level Meter Used	Calibrator Used
24 Feb 2020	16:29	-	16:59	Sunny	58.1	61.1	XL2 (Serial No. A2A-13548-E0)	Rion NC-74 (No. 34504770)
24 Feb 2020	19:29	-	19:34	Fine	58.7	61.7	XL2 (Serial No. A2A-13548-E0)	Rion NC-74 (No. 34504770)
	20:29	-	20:34		58.5	61.5		
	21:29	-	21:34		61.2	64.2		
25 Feb 2020	01:29	-	01:34	Fine	54.7	57.7	XL2 (Serial No. A2A-13548-E0)	Rion NC-74 (No. 34504770)
	03:29	-	03:34		54.9	57.9		
	05:29	-	05:34		58.4	61.4		

Location: Alternative noise monitoring location (FTB-17)

Monitoring date: 2, 13, 17, 27 & 30 March 2020 (Daytime)
2&3, 13&14, 17&18, 27&28, 30&31 March 2020 (Evening & Night time)

Parameter : $L_{eq\ 30min}$ (Daytime), $L_{eq\ 5min}$ (Evening & Night time)

Noise source other than construction activities from the Project: Sound of sea waves

Noise Monitoring data:

Date	Start time		End time	Weather	$L_{eq\ 30min}$ dB(A) / $L_{eq\ 5min}$ dB(A)	Free-field Corr., dB(A)	Sound Level Meter Used	Calibrator Used
2 Mar 2020	16:04	-	16:34	Sunny	65.2	68.2	SVANTEK 971 (Serial No. 77731)	Rion NC-74 (No. 34504770)
2 Mar 2020	19:04	-	19:09	Fine	69.2	72.2	SVANTEK 971 (Serial No. 77731)	Rion NC-74 (No. 34504770)
	20:04	-	20:09		58.6	61.6		
	21:04	-	21:09		62.0	65.0		
3 Mar 2020	01:04	-	01:09	Fine	57.7	60.7	SVANTEK 971 (Serial No. 77731)	Rion NC-74 (No. 34504770)
	03:04	-	03:09		57.5	60.5		
	05:04	-	05:09		57.2	60.2		
13 Mar 2020	16:09	-	16:39	Sunny	64.3	67.3	SVANTEK 971 (Serial No. 77731)	Rion NC-74 (No. 34504770)
13 Mar 2020	19:09	-	19:14	Fine	59.8	62.8	SVANTEK 971 (Serial No. 77731)	Rion NC-74 (No. 34504770)
	20:09	-	20:14		58.3	61.3		
	21:09	-	21:14		56.9	59.9		
14 Mar 2020	01:09	-	01:14	Fine	57.8	60.8	SVANTEK 971 (Serial No. 77731)	Rion NC-74 (No. 34504770)
	03:09	-	03:14		58.5	61.5		
	05:09	-	05:14		57.3	60.3		
17 Mar 2020	16:14	-	16:44	Sunny	64.2	67.2	SVANTEK 971 (Serial No. 77731)	Rion NC-74 (No. 34504770)
17 Mar 2020	19:14	-	19:19	Fine	57.9	60.9	SVANTEK 971 (Serial No. 77731)	Rion NC-74 (No. 34504770)
	20:14	-	20:19		58.0	61.0		
	21:14	-	21:19		57.0	60.0		
18 Mar 2020	01:14	-	01:19	Fine	58.3	61.3	SVANTEK 971 (Serial No. 77731)	Rion NC-74 (No. 34504770)
	03:14	-	03:19		58.4	61.4		
	05:14	-	05:19		57.4	60.4		

Date	Start time		End time	Weather	L_{eq} 30min dB(A) / L_{eq} 5min dB(A)	Free- field Corr., dB(A)	Sound Level Meter Used	Calibrator Used
27 Mar 2020	16:05	-	16:35	Sunny	62.3	65.3	SVANTEK 971 (Serial No. 77731)	Rion NC-74 (No. 34504770)
27 Mar 2020	19:05	-	19:10	Fine	62.8	65.8	SVANTEK 971 (Serial No. 77731)	Rion NC-74 (No. 34504770)
	20:05	-	20:10		59.1	62.1		
	21:05	-	21:10		59.4	62.4		
28 Mar 2020	01:05	-	01:10	Fine	58.0	61.0	SVANTEK 971 (Serial No. 77731)	Rion NC-74 (No. 34504770)
	03:05	-	03:10		58.6	61.6		
	05:05	-	05:10		57.3	60.3		
30 Mar 2020	16:10	-	16:40	Sunny	62.2	65.2	SVANTEK 971 (Serial No. 77731)	Rion NC-74 (No. 34504770)
30 Mar 2020	19:10	-	19:15	Fine	60.3	63.3	SVANTEK 971 (Serial No. 77731)	Rion NC-74 (No. 34504770)
	20:10	-	20:15		58.7	61.7		
	21:10	-	21:15		63.6	66.6		
31 Mar 2020	01:10	-	01:15	Fine	55.5	58.5	SVANTEK 971 (Serial No. 77731)	Rion NC-74 (No. 34504770)
	03:10	-	03:15		56.2	59.2		
	05:10	-	05:15		68.3	71.3		