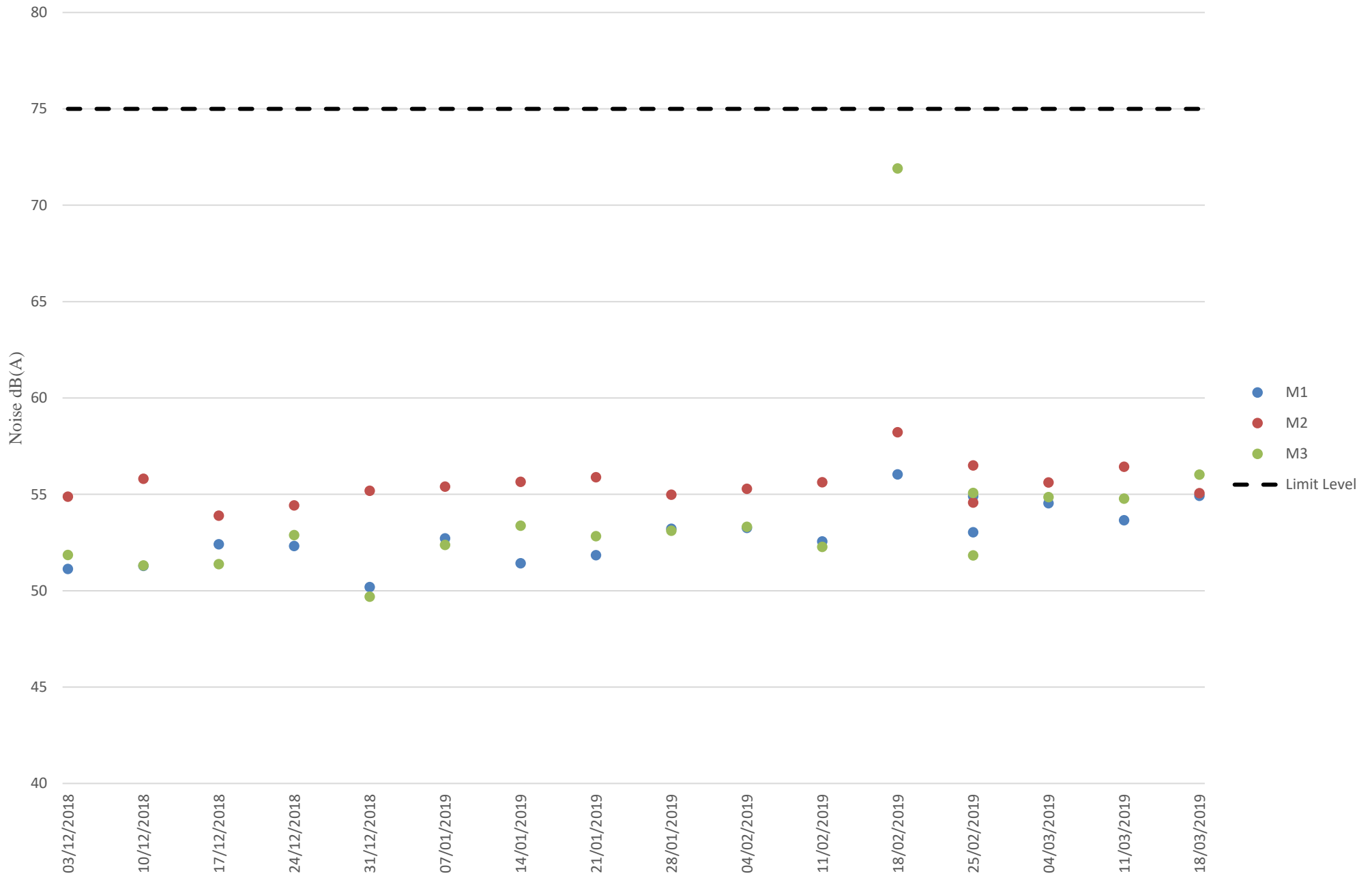


## Appendix D Noise Monitoring Data Trending

# M1, M2, M3 Leq 30min dB(A)



**Summary of the Construction Activities Undertaken during the Reporting Period**

<b>Location of works</b>	<b>Construction activities undertaken</b>	<b>Remarks on progress</b>
Seawall and breakwater locations	<ul style="list-style-type: none"> <li>• Marine site investigation works</li> </ul>	<ul style="list-style-type: none"> <li>• Completed</li> </ul>
Location of DCM Site Trial	<ul style="list-style-type: none"> <li>• Coring of DCM samples</li> </ul>	<ul style="list-style-type: none"> <li>• Completed</li> </ul>
Seawall locations	<ul style="list-style-type: none"> <li>• Collecting of Marine Sediment Samples</li> </ul>	<ul style="list-style-type: none"> <li>• Completed</li> </ul>
Location of DCM Static Loading Test	<ul style="list-style-type: none"> <li>• DCM installation</li> </ul>	<ul style="list-style-type: none"> <li>• Completed</li> </ul>
Seawall and berth area	<ul style="list-style-type: none"> <li>• Laying of Geotextile and Sand Blanket</li> </ul>	<ul style="list-style-type: none"> <li>• 73 out of 95 geotextiles were laid</li> <li>• Completed for sand blanket laying</li> </ul>
Seawall and berth area	<ul style="list-style-type: none"> <li>• DCM installation</li> <li>• Dredging operation</li> </ul>	<ul style="list-style-type: none"> <li>• On-going</li> </ul>

Location: Shek Kwu Chau Treatment & Rehabilitation Centre Hostel 1 (M1 / N\_S1)

Monitoring date: 7, 14, 21 & 28 January 2019

Parameter:  $L_{eq\ 30min}$

Noise source other than construction activities from the Project: Nil

Noise Monitoring data:

Date	Start time		End time	Weather	$L_{eq\ 30min}$ dB(A)	Sound Level Meter Used
07-01-2019	11:28	-	11:58	Sunny	52.7	NTi (No. 60989)
14-01-2019	11:18	-	11:48	Cloudy	51.4	NTi (No. 60989)
21-01-2019	11:19	-	11:49	Sunny	51.8	NTi (No. 70537)
28-01-2019	11:16	-	11:46	Sunny	53.2	NTi (No. 70537)

Location: Shek Kwu Chau Treatment & Rehabilitation Centre Hostel 1 (M1 / N\_S1)

Monitoring date: 4, 11, 18, 25 February 2019

Parameter:  $L_{eq\ 30min}$

Noise source other than construction activities from the Project: Nil

Noise Monitoring data:

Date	Start time		End time	Weather	$L_{eq\ 30min}$ dB(A)	Sound Level Meter Used	Calibrator Used
04-02-2019	11:11	-	11:41	Sunny	53.3	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
11-02-2019	11:21	-	11:51	Cloudy	52.6	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
18-02-2019	11:20	-	11:50	Sunny	56.0	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
25-02-2019	11:21	-	11:51	Sunny	53.0	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)

Location: Shek Kwu Chau Treatment & Rehabilitation Centre Hostel 1 (M1 / N\_S1)

Monitoring date: 4, 11, 18, 25 March 2019 (Impact)  
 29, 30 March 2019 (Additional)

Parameter:  $L_{eq\ 30min}$  (Impact),  $L_{eq\ 5min}$  (Additional)

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
04-03-2019	11:31	-	12:01	Sunny	54.5	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
11-03-2019	11:20	-	11:50	Sunny	53.7	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
18-03-2019	11:30	-	12:00	Sunny	54.9	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
25-03-2019	11:22	-	11:52	Sunny	54.9	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
29-03-2019	19:14	-	19:19	Fine	55.0	SVAN 958A (Serial No. 36691)	NC-74 (No. 34504770)
	21:04	-	21:09		55.2		
	22:44	-	22:49		55.4		
29-03-2019	23:34	-	23:39	Fine	55.0	SVAN 958A (Serial No. 36691)	NC-74 (No. 34504770)
30-03-2019	04:04	-	04:09		53.3		
30-03-2019	06:34	-	06:39		55.8		

Location: Shek Kwu Chau Treatment & Rehabilitation Centre Hostel 2 (M2 / N\_S2)

Monitoring date: 7, 14, 21 & 28 January 2019

Parameter :  $L_{eq\ 30min}$

Noise source other than construction activities from the Project: Nil

Noise Monitoring data:

Date	Start time		End time	Weather	$L_{eq\ 30min}$ dB(A)	Sound Level Meter Used
07-01-2019	10:53	-	11:23	Sunny	55.4	NTi (No. 60989)
14-01-2019	10:45	-	11:15	Cloudy	55.6	NTi (No. 60989)
21-01-2019	10:46	-	11:16	Sunny	55.9	NTi (No. 70537)
28-01-2019	10:44	-	11:14	Sunny	55.0	NTi (No. 70537)

Location: Shek Kwu Chau Treatment & Rehabilitation Centre Hostel 2 (M2 / N\_S2)

Monitoring date: 4, 11, 18, 25 February 2019

Parameter :  $L_{eq\ 30min}$

Noise source other than construction activities from the Project: Nil

Noise Monitoring data:

Date	Start time		End time	Weather	$L_{eq\ 30min}$ dB(A)	Sound Level Meter Used	Calibrator Used
04-02-2019	10:35	-	11:05	Sunny	55.3	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
11-02-2019	10:45	-	11:15	Cloudy	55.6	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
18-02-2019	10:47	-	11:17	Sunny	58.2	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
25-02-2019	10:44	-	11:14	Sunny	54.6	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)



Location: Shek Kwu Chau Treatment & Rehabilitation Centre Hostel 2 (M2 / N\_S2)

Monitoring date: 4, 11, 18, 25 March 2019 (Impact)  
 29, 30 March 2019 (Additional)

Parameter :  $L_{eq\ 30min}$  (Impact),  $L_{eq\ 5min}$  (Additional)

Noise source other than construction activities from the Project: Nil

Remarks: For the additional noise impact monitoring in restricted hour on 29 March 2019, probably due to heavy rain patch on that night, an unexpected failure happened for the sound level meter on monitoring station M2.

Noise Monitoring data:

Date	Start time		End time	Weather	$L_{eq\ 30min}$ dB(A)	Sound Level Meter Used	Calibrator Used
04-03-2019	10:51	-	11:21	Sunny	55.6	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
11-03-2019	10:43	-	11:13	Sunny	56.4	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
18-03-2019	10:54	-	11:24	Sunny	55.1	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
25-03-2019	10:42	-	11:12	Sunny	56.5	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)

Location: Shek Kwu Chau Treatment & Rehabilitation Centre Hostel 3 (M3 / N\_S3)

Monitoring date: 7, 14, 21 & 28 January 2019

Parameter :  $L_{eq\ 30min}$

Noise source other than construction activities from the Project: Air-conditioning units nearby

Noise Monitoring data:

Date	Start time		End time	Weather	$L_{eq\ 30min}$ dB(A)	Sound Level Meter Used
07-01-2019	10:02	-	10:32	Sunny	52.4	NTi (No. 60989)
14-01-2019	10:05	-	10:35	Cloudy	53.4	NTi (No. 60989)
21-01-2019	10:08	-	10:38	Sunny	52.8	NTi (No. 70537)
28-01-2019	09:57	-	10:27	Sunny	53.1	NTi (No. 70537)

Location: Shek Kwu Chau Treatment & Rehabilitation Centre Hostel 3 (M3 / N\_S3)

Monitoring date: 4, 11, 18, 25 February 2019

Parameter :  $L_{eq\ 30min}$

Noise source other than construction activities from the Project: Air-conditioning units nearby

Noise Monitoring data:

Date	Start time		End time	Weather	$L_{eq\ 30min}$ dB(A)	Sound Level Meter Used	Calibrator Used
04-02-2019	9:59	-	10:29	Sunny	53.3	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
11-02-2019	10:06	-	10:36	Cloudy	52.3	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
18-02-2019	10:08	-	10:38	Sunny	71.9	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
25-02-2019	10:02	-	10:32	Sunny	51.8	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)

Location: Shek Kwu Chau Treatment & Rehabilitation Centre Hostel 3 (M3 / N\_S3)

Monitoring date: 4, 11, 18, 25 March 2019 (Impact)  
 29, 30 March 2019 (Additional)

Parameter :  $L_{eq\ 30min}$  (Impact),  $L_{eq\ 5min}$  (Additional)

Noise source other than construction activities from the Project: Air-conditioning units nearby

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
04-03-2019	10:09	-	10:39	Sunny	54.9	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
11-03-2019	10:07	-	10:37	Sunny	54.8	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
18-03-2019	10:11	-	10:41	Sunny	56.0	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
25-03-2019	10:04	-	10:34	Sunny	55.1	XL2 (Serial No. A2A-13661-E0)	NC-74 (No. 34504770)
29-03-2019	19:14	-	19:19	Fine	53.0	XL2 (Serial No. A2A-13548-E0)	NC-74 (No. 34504770)
	21:04	-	21:09		54.7		
	22:44	-	22:49		53.3		
29-03-2019	23:34	-	23:39	Fine	53.7	XL2 (Serial No. A2A-13548-E0)	NC-74 (No. 34504770)
30-03-2019	04:04	-	04:09		53.3		
30-03-2019	06:34	-	06:39		53.9		