

## Appendix G - Noise Monitoring Results

(0700-1900 hrs on Normal Weekdays)

Location CM1 - Nga Lai House, Yau Lai Estate Phase 1, Yau Tong							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>
2-Jul-20	11:00	Sunny	72.2	74.3	69.0	65.5	71
8-Jul-20	11:30	Sunny	69.8	71.1	67.9		68
14-Jul-20	9:00	Fine	72.6	75.9	67.6		72
20-Jul-20	11:15	Fine	72.3	74.9	68.1		71
30-Jul-20	15:45	Sunny	71.9	74.6	67.1		71

Location CM2 - Bik Lai House, Yau Lai Estate Phase 1, Yau Tong							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>
2-Jul-20	11:30	Sunny	72.1	74.5	68.4	63.6	71
8-Jul-20	10:30	Sunny	71.4	73.8	68.5		71
14-Jul-20	9:45	Fine	73.2	76.1	69.2		73
20-Jul-20	10:15	Fine	72.5	74.7	70.1		72
30-Jul-20	15:45	Sunny	72.3	75.4	68.0		72

Location CM3 - Block S, Yau Lai Estate Phase 5, Yau Tong							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>
2-Jul-20	16:15	Sunny	72.8	74.7	70.5	65.6	72
8-Jul-20	13:45	Sunny	71.8	73.5	69.6		71
14-Jul-20	10:30	Sunny	73.4	76.5	70.1		73
20-Jul-20	13:30	Fine	70.4	72.4	67.8		69
30-Jul-20	16:15	Sunny	69.5	71.5	66.8		67

Location CM4 - Tin Hau Temple, Cha Kwo Ling							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>
2-Jul-20	17:15	Sunny	63.2	65.3	72.2	62.0	57
8-Jul-20	15:15	Sunny	61.8	64.5	56.2		62 Measured ≤ Baseline
14-Jul-20	13:00	Sunny	65.9	69.6	60.3		64
20-Jul-20	15:05	Fine	60.0	62.8	53.8		60 Measured ≤ Baseline
30-Jul-20	11:00	Sunny	63.5	67.8	60.2		58

Location CM5 - CCC Kei Faat Primary School, Yau Tong							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>
2-Jul-20	14:15	Sunny	67.7	69.2	66.3	68.2	68 Measured ≤ Baseline
8-Jul-20	14:30	Sunny	68.0	70.0	65.4		68 Measured ≤ Baseline
14-Jul-20	11:30	Sunny	65.8	69.4	62.8		66 Measured ≤ Baseline
20-Jul-20	14:15	Fine	69.4	71.6	66.4		63
30-Jul-20	11:30	Sunny	71.3	73.6	68.3		68

## Appendix G - Noise Monitoring Results

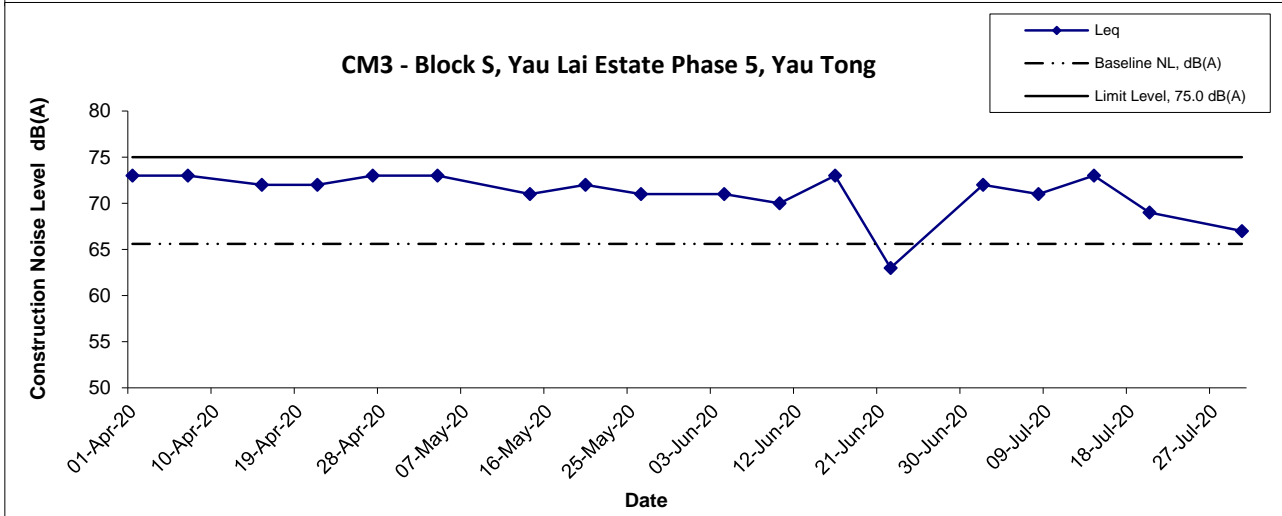
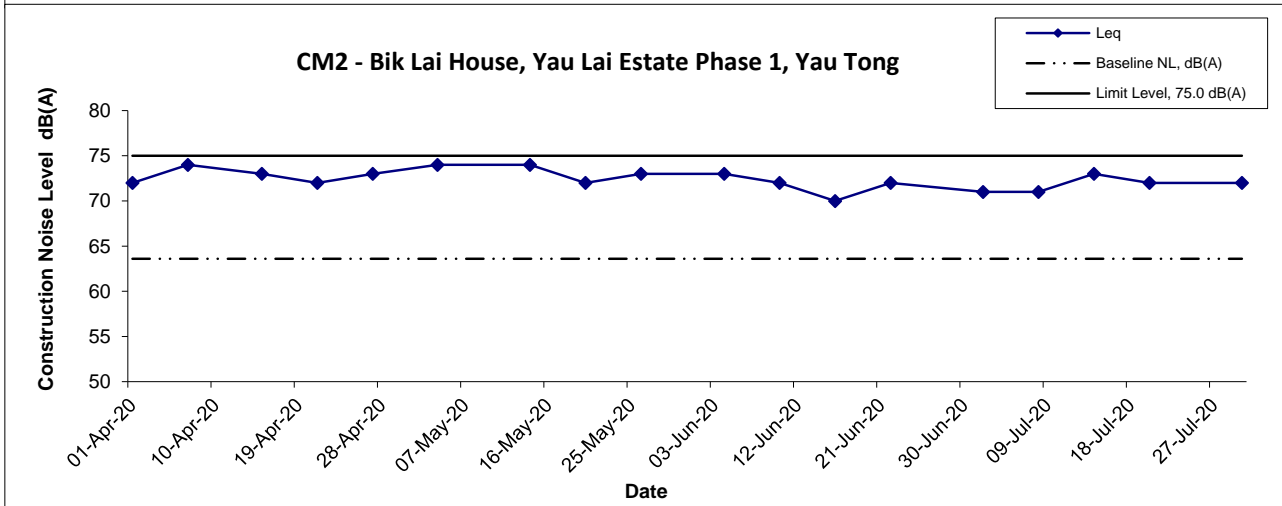
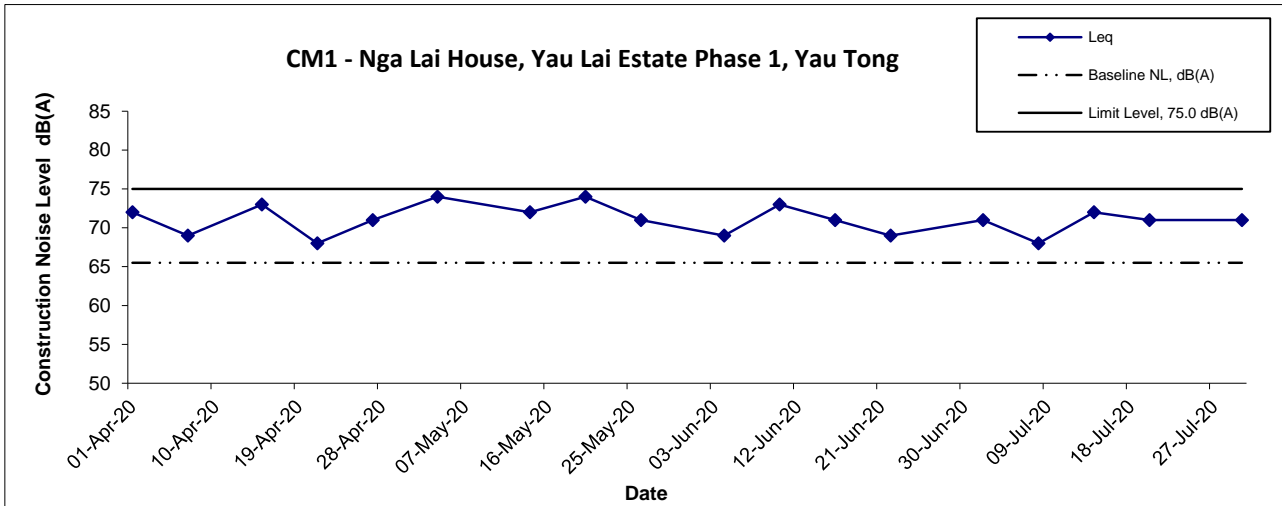
(0700-1900 hrs on Normal Weekdays)

Location CM6(A) - Site Boundary of Contract No. NE/2015/02 near Tower 1, Ocean Shores							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>
2-Jul-20	9:00	Sunny	67.3	70.2	64.6	61.9	66
8-Jul-20	14:05	Sunny	65.2	66.7	63.3		62
14-Jul-20	16:15	Sunny	64.1	67.3	61.7		60
20-Jul-20	15:30	Fine	65.3	67.2	62.8		63
30-Jul-20	16:30	Sunny	63.1	65.3	60.2		57

Location CM7(A) - Site Boundary of Contract No. NE/2015/02 near Tower 7, Ocean Shores							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>
2-Jul-20	10:00	Sunny	68.8	70.9	65.9	58.3	68
8-Jul-20	13:21	Sunny	67.4	68.9	64.4		67
14-Jul-20	15:00	Sunny	65.4	68.6	62.3		64
20-Jul-20	16:15	Fine	65.5	67.9	63.1		65
30-Jul-20	15:45	Sunny	60.6	62.2	58.1		57

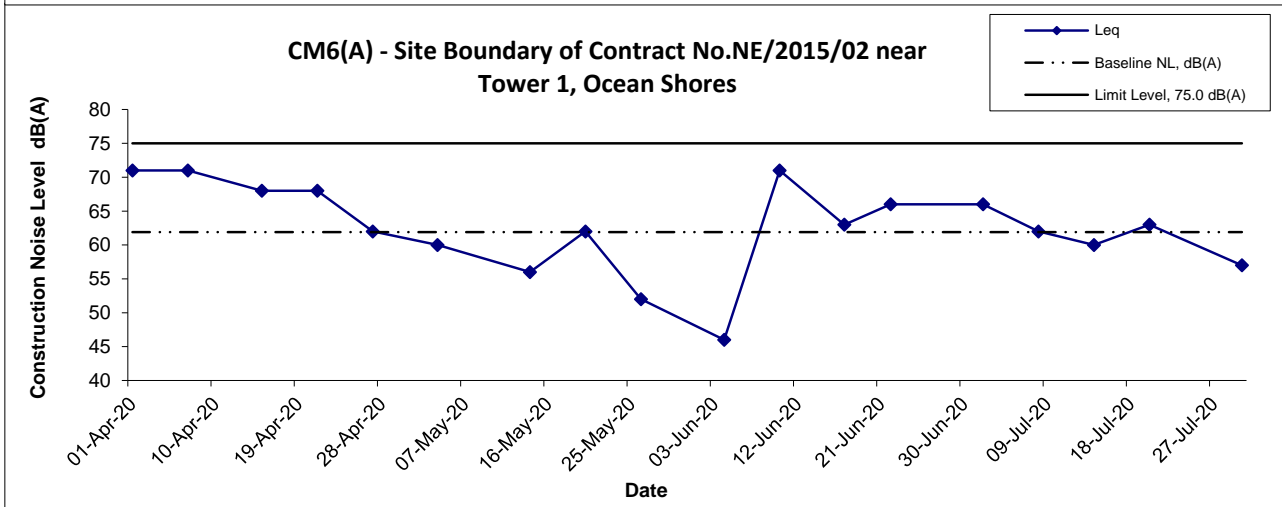
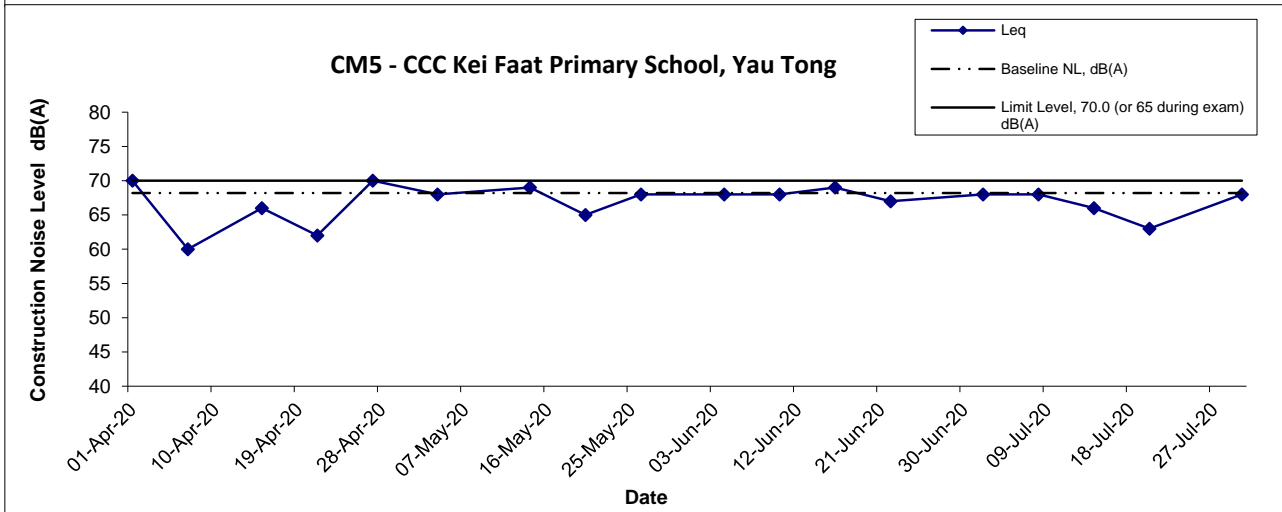
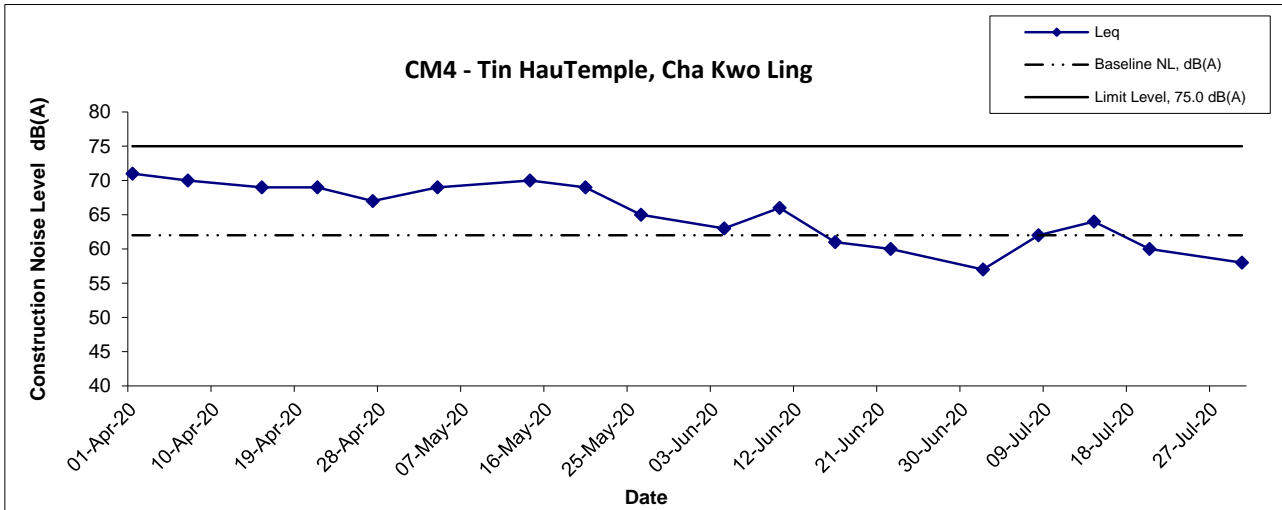
Location CM8(A) - Park Central, L1/F Open Space Area							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>
2-Jul-20	11:00	Sunny	67.4	69.3	63.8	69.1	67 Measured $\leq$ Baseline
8-Jul-20	16:25	Sunny	63.4	64.3	54.7		63 Measured $\leq$ Baseline
14-Jul-20	17:00	Sunny	66.7	69.4	59.7		67 Measured $\leq$ Baseline
20-Jul-20	13:00	Fine	70.2	72.4	63.2		64
30-Jul-20	13:30	Sunny	69.3	72.4	62.6		56

## Noise Levels



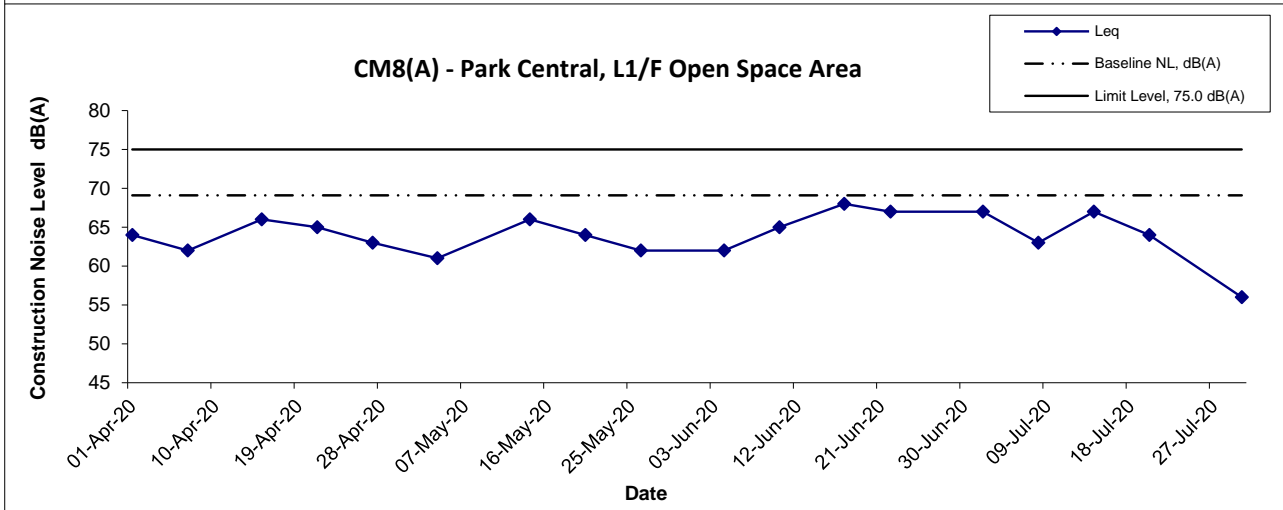
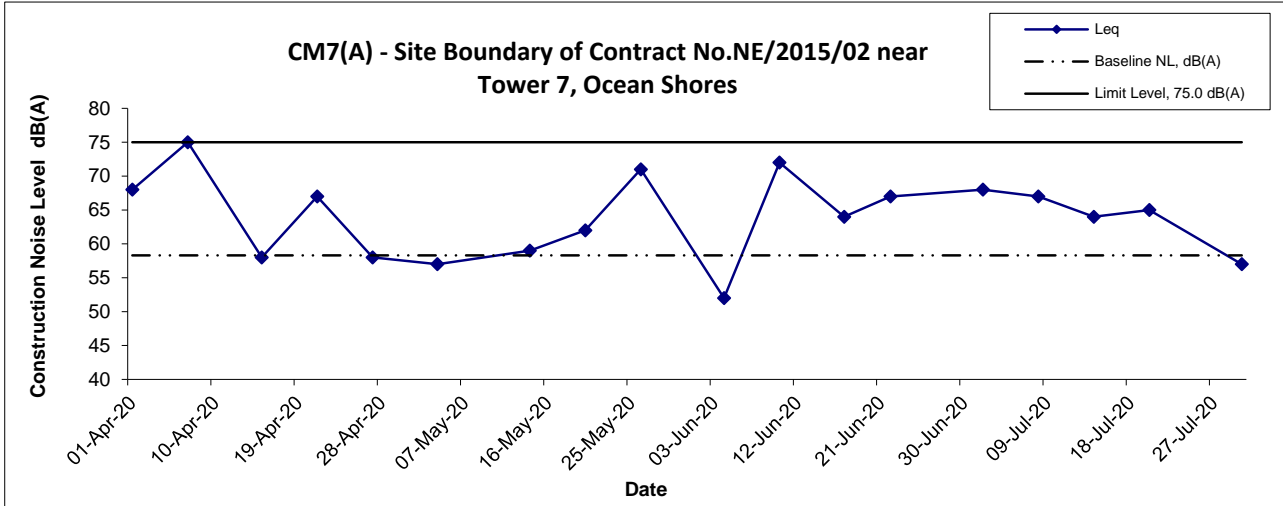
Title Agreement No. CE/59/2015 (EP) Environmental Team for Tseung Kwan O - Lam Tin Tunnel - Design and Construction  Graphical Presentation of Construction Noise Monitoring Results	Scale	Project	CINOTECH
	N.T.S	No. MA16034	
	Date Jul 20	Appendix G	

## Noise Levels



Title	Agreement No. CE/59/2015 (EP)	Scale	Project	CINOTECH
	Environmental Team for Tseung Kwan O - Lam Tin Tunnel - Design and Construction	N.T.S	No. MA16034	
	Graphical Presentation of Construction Noise Monitoring Results	Date	Appendix	
		Jul 20	G	

## Noise Levels



Title Agreement No. CE/59/2015 (EP) Environmental Team for Tseung Kwan O - Lam Tin Tunnel - Design and Construction  Graphical Presentation of Construction Noise Monitoring Results	Scale	N.T.S	Project No. MA16034	CINOTECH
	Date	Jul 20	Appendix G	

**Appendix G - Noise Monitoring Results**

(Restricted Hours - 19:00 to 23:00 on all other days & 07:00 to 23:00 holidays)

Location CM1 - Nga Lai House, Yau Lai Estate Phase 1, Yau Tong								
Date	Time	Weather	dB (A) (5-min)				Baseline Level L <sub>eq</sub>	Construction Noise Level L <sub>eq</sub>
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	Average L <sub>eq</sub>		
3-Jul-20	22:00	Fine	59.8	61.4	57.3	59.7	64.4	60 Measured ≤ Baseline
	22:05		59.9	61.7	57.6			
	22:10		59.4	61.3	57.2			
10-Jul-20	21:30	Fine	62.4	65.2	58.9	61.7		62 Measured ≤ Baseline
	21:35		61.2	65.4	57.8			
	21:40		61.4	64.6	58.1			
17-Jul-20	23:00	Fine	55.2	56.9	53.2	55.1		55 Measured ≤ Baseline
	23:05		55.0	56.8	53.1			
	23:10		55.1	56.2	54.7			
24-Jul-20	22:00	Fine	56.2	58.3	52.6	55.9	56 Measured ≤ Baseline	
	22:05		55.9	58.4	52.5			
	22:10		55.7	58.3	52.7			
30-Jul-20	22:00	Fine	64.7	67.5	61.5	64.6	51	
	22:05		64.4	67.4	61.3			
	22:10		64.6	67.5	61.5			

Location CM2 - Bik Lai House, Yau Lai Estate Phase 1, Yau Tong								
Date	Time	Weather	dB (A) (5-min)				Baseline Level L <sub>eq</sub>	Construction Noise Level L <sub>eq</sub>
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	Average L <sub>eq</sub>		
3-Jul-20	22:20	Fine	56.2	59.3	54.1	56.3	62.2	56 Measured ≤ Baseline
	22:25		56.3	59.1	54.0			
	22:30		56.5	59.2	54.2			
10-Jul-20	21:00	Fine	62.6	64.5	58.7	62.5		51
	21:05		62.8	64.7	58.5			
	21:10		62.1	64.5	57.9			
17-Jul-20	22:20	Fine	55.0	56.8	52.7	54.4		54 Measured ≤ Baseline
	22:25		54.9	56.8	52.7			
	22:30		53.1	55.9	50.2			
24-Jul-20	22:20	Fine	56.7	58.5	52.9	56.4	56 Measured ≤ Baseline	
	22:25		56.4	58.2	52.6			
	22:30		56.1	58.0	52.7			
30-Jul-20	22:20	Fine	63.2	67.1	61.4	63.4	57	
	22:25		63.4	67.3	61.5			
	22:30		63.7	67.5	61.6			

Location CM3 - Block S, Yau Lai Estate Phase 5, Yau Tong								
Date	Time	Weather	dB (A) (5-min)				Baseline Level L <sub>eq</sub>	Construction Noise Level L <sub>eq</sub>
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	Average L <sub>eq</sub>		
3-Jul-20	22:40	Fine	57.3	60.2	53.4	57.2	64.7	57 Measured ≤ Baseline
	22:45		57.2	60.1	53.2			
	22:50		57.0	59.7	53.3			
10-Jul-20	22:30	Fine	60.9	63.8	57.1	60.5		61 Measured ≤ Baseline
	22:35		60.5	63.7	57.9			
	22:40		60.2	63.9	57.6			
17-Jul-20	22:40	Fine	53.2	55.2	50.1	53.6		54 Measured ≤ Baseline
	22:45		53.6	55.2	50.2			
	22:50		54.1	55.5	50.3			
24-Jul-20	22:40	Fine	55.9	58.0	52.7	55.0	55 Measured ≤ Baseline	
	22:45		55.8	58.1	52.4			
	22:50		55.3	58.0	52.6			
30-Jul-20	22:40	Fine	64.1	66.7	61.8	64.6	65 Measured ≤ Baseline	
	22:45		64.5	67.0	62.0			
	22:50		65.2	66.9	62.0			

Location CM6(A) - Site Boundary of Contract No. NE/2015/02 near Tower 1, Ocean Shores								
Date	Time	Weather	dB (A) (5-min)				Baseline Level L <sub>eq</sub>	Construction Noise Level L <sub>eq</sub>
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	Average L <sub>eq</sub>		
2-Jul-20	19:00	Fine	59.8	61.4	57.3	59.7	60.2	60 Measured ≤ Baseline
	19:05		59.9	61.7	57.6			
	19:10		59.4	61.3	57.2			
8-Jul-20	19:00	Fine	62.1	63.5	60.2	61.7		56
	19:05		61.7	63.3	60.1			
	19:10		61.1	63.1	60.1			
14-Jul-20	19:00	Fine	60.2	61.7	58.3	60.3		46
	19:05		60.8	61.8	56.1			
	19:10		60.0	61.6	56.3			
20-Jul-20	19:00	Fine	61.2	64.3	58.5	61.1	54	
	19:05		61.0	64.2	58.5			
	19:10		61.1	64.3	58.4			
30-Jul-20	19:00	Fine	60.8	62.2	59.5	60.4	47	
	19:05		60.4	61.5	59.4			
	19:10		59.9	61.9	58.8			

**Appendix G - Noise Monitoring Results**

(Restricted Hours - 2300-0700 on all days)

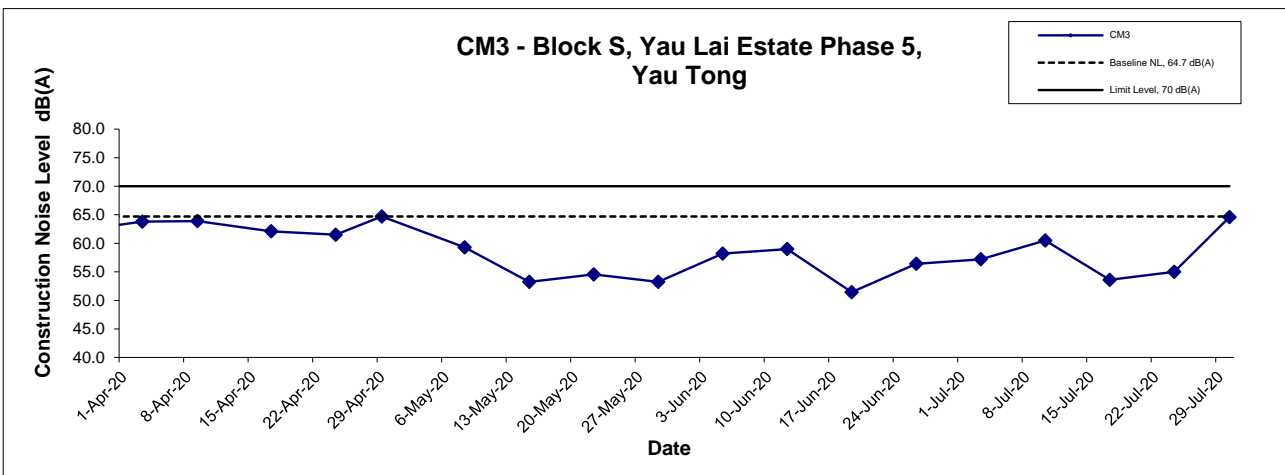
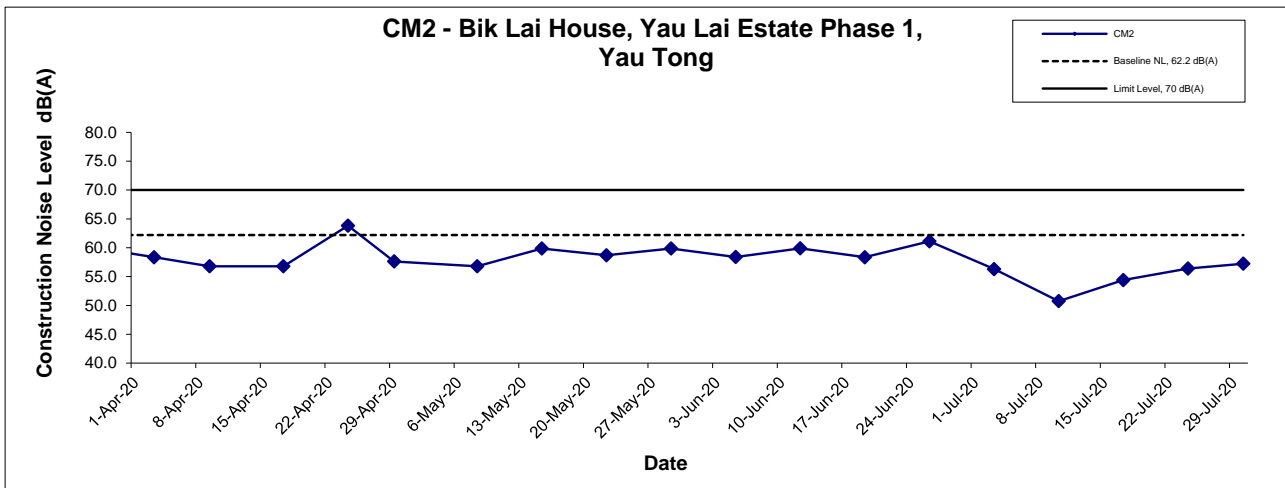
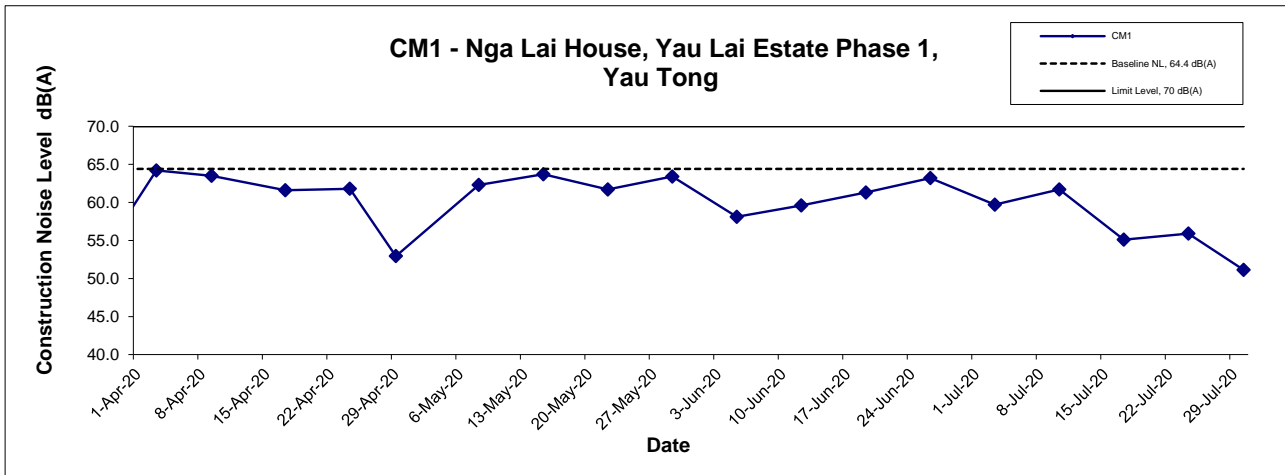
Location CM1 - Nga Lai House, Yau Lai Estate Phase 1, Yau Tong								
Date	Time	Weather	dB (A) (5-min)				Baseline Level L <sub>eq</sub>	Construction Noise Level L <sub>eq</sub>
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	Average L <sub>eq</sub>		
3-Jul-20	23:00	Fine	55.4	57.3	53.0	55.2	63.7	55 Measured ≤ Baseline
	23:05		55.2	57.4	53.2			
	23:10		55.1	57.2	53.1			
10-Jul-20	23:40	Fine	57.6	60.9	53.9	57.7	62.8	58 Measured ≤ Baseline
	23:45		57.9	61.2	54.1			
	23:50		57.5	60.9	55.2			
17-Jul-20	23:00	Fine	53.4	55.2	50.1	53.7	63.7	54 Measured ≤ Baseline
	23:05		53.6	55.2	50.2			
	23:10		54.1	55.5	50.3			
24-Jul-20	23:00	Fine	54.8	56.1	52.3	54.4	63.7	54 Measured ≤ Baseline
	23:05		54.1	56.3	51.4			
	23:10		54.2	56.5	51.4			
30-Jul-20	0:00	Fine	61.4	64.6	56.7	61.4	61.9	61 Measured ≤ Baseline
	0:05		61.5	64.7	56.8			
	0:10		61.2	64.6	56.6			

Location CM2 - Bik Lai House, Yau Lai Estate Phase 1, Yau Tong								
Date	Time	Weather	dB (A) (5-min)				Baseline Level L <sub>eq</sub>	Construction Noise Level L <sub>eq</sub>
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	Average L <sub>eq</sub>		
3-Jul-20	23:20	Fine	54.2	56.8	52.1	54.0	61.6	54 Measured ≤ Baseline
	23:25		53.9	56.7	52.3			
	23:30		54.0	56.6	52.1			
10-Jul-20	23:20	Fine	58.2	62.5	56.0	58.2	61.6	58 Measured ≤ Baseline
	23:25		58.0	61.6	54.3			
	23:30		58.4	63.1	56.8			
17-Jul-20	23:20	Fine	53.0	54.9	50.3	53.2	61.6	53 Measured ≤ Baseline
	23:25		53.1	55.0	50.3			
	23:30		53.4	55.1	50.4			
24-Jul-20	23:20	Fine	55.2	57.3	53.4	55.3	61.6	55 Measured ≤ Baseline
	23:25		55.0	57.2	53.1			
	23:30		55.8	57.5	53.2			
30-Jul-20	23:30	Fine	61.5	64.7	59.1	61.7	60.8	54
	23:35		61.7	64.8	59.2			
	23:40		62.0	65.1	59.5			

Location CM3 - Block S, Yau Lai Estate Phase 5, Yau Tong								
Date	Time	Weather	dB (A) (5-min)				Baseline Level L <sub>eq</sub>	Construction Noise Level L <sub>eq</sub>
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	Average L <sub>eq</sub>		
3-Jul-20	23:45	Fine	53.1	55.6	51.6	53.2	62.9	53 Measured ≤ Baseline
	23:50		53.2	55.8	51.5			
	23:55		53.4	55.7	51.5			
10-Jul-20	23:00	Fine	60.2	63.8	57.6	60.0	64.0	60 Measured ≤ Baseline
	23:05		59.8	62.9	57.4			
	23:10		60.1	62.8	57.2			
17-Jul-20	23:40	Fine	52.9	54.7	50.4	53.3	62.9	53 Measured ≤ Baseline
	23:45		53.2	54.9	50.5			
	23:50		53.7	55.1	50.5			
24-Jul-20	23:40	Fine	54.3	55.2	53.6	53.1	62.9	53 Measured ≤ Baseline
	23:45		52.3	53.9	51.2			
	23:50		52.4	54.0	51.1			
30-Jul-20	23:00	Fine	62.2	65.4	60.5	62.2	64.0	62 Measured ≤ Baseline
	23:05		62.4	65.5	60.7			
	23:10		62.1	65.4	60.5			

Remark: The exceedances of night time noise limit level (55dB(A)) were not due to the Project but the road traffic near Eastern Harbour Crossing tunnel.  
 "Measured ≤ Baseline" means that the averaged measured Leq is smaller than the baseline Leq, and therefore the measured levels are not valid exceedances.

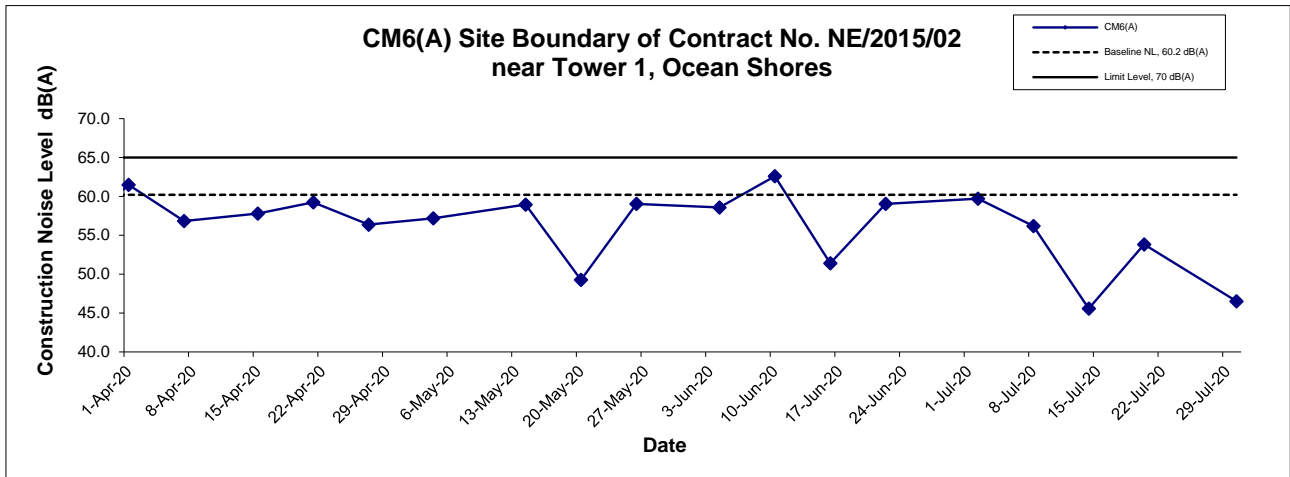
## Noise Levels (Restricted Hours - 19:00 - 23:00 on normal weekdays)



Title Agreement No. CE/59/2015 (EP) Environmental Team for Tseung Kwan O - Lam Tin Tunnel - Design and Construction  Graphical Presentation of Restricted Noise Monitoring Results	Scale N.T.S	Project No. MA16034	
	Date Jul 20	Appendix G	

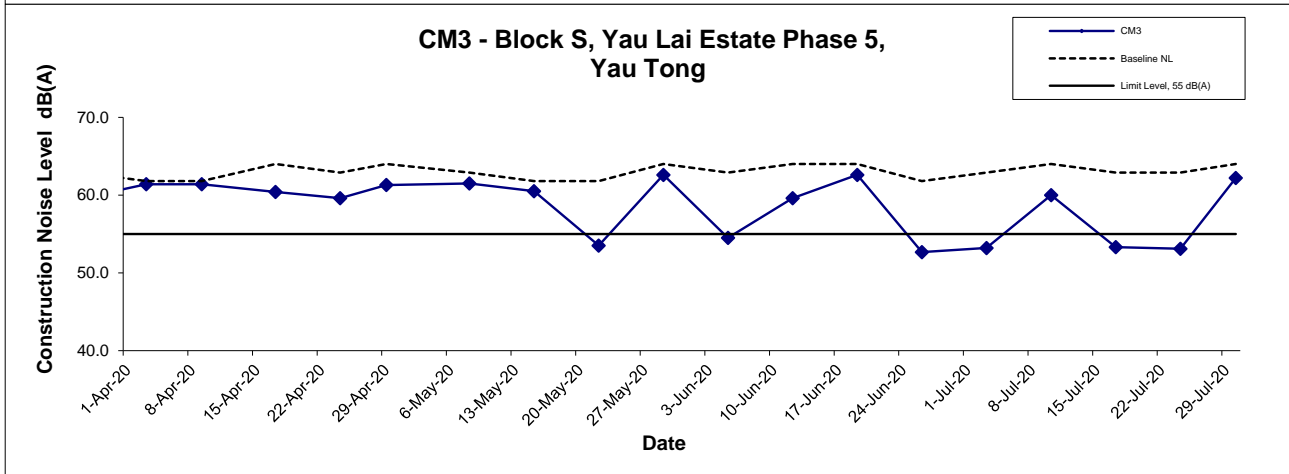
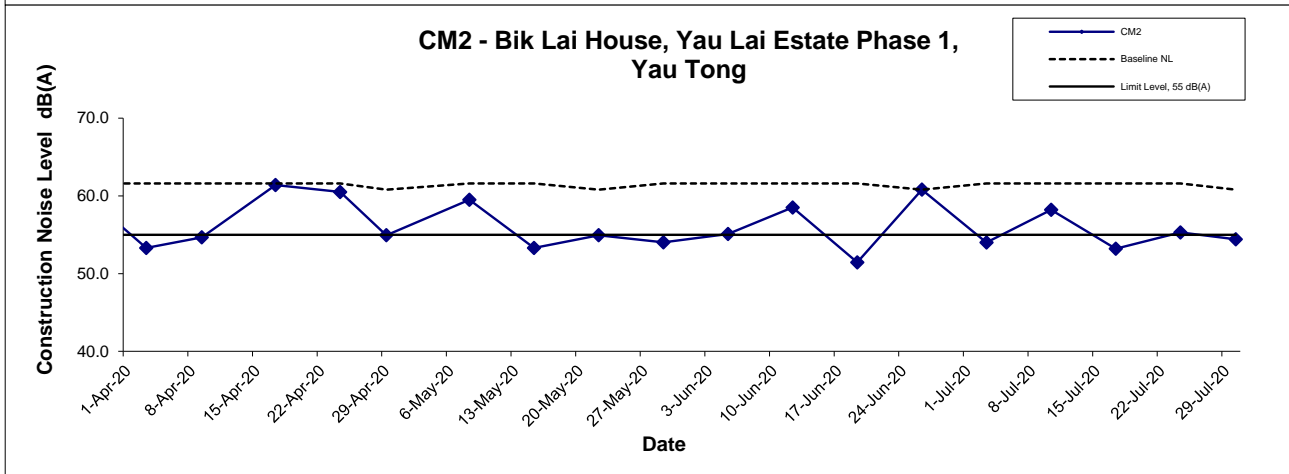
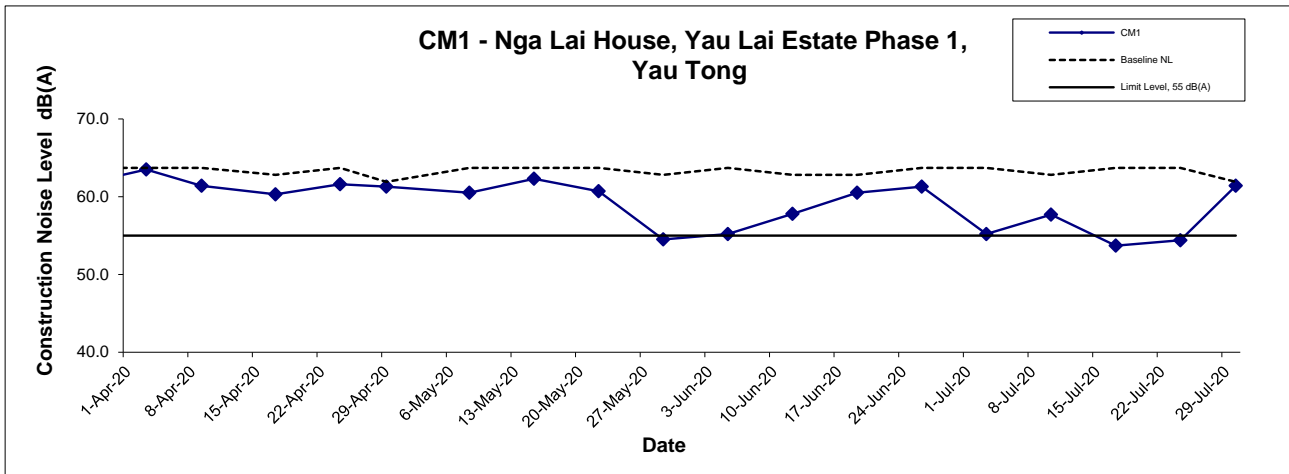


**Noise Levels**  
**(Restricted Hours - 19:00 - 23:00 on normal weekdays)**



<b>Title</b> Agreement No. CE/59/2015 (EP) Environmental Team for Tseung Kwan O - Lam Tin Tunnel - Design and Construction  Graphical Presentation of Restricted Noise Monitoring Results	<b>Scale</b> N.T.S	<b>Project No.</b> MA16034	
	<b>Date</b> Jul 20	<b>Appendix</b> G	

## Noise Levels (Restricted Hours - 2300-0700 on normal weekdays)



Title Agreement No. CE/59/2015 (EP) Environmental Team for Tseung Kwan O - Lam Tin Tunnel - Design and Construction  Graphical Presentation of Restricted Noise Monitoring Results	Scale N.T.S	Project No. MA16034	<h1 style="margin: 0;">CINOTECH</h1>
	Date Jul 20	Appendix G	