

Appendix G - Noise Monitoring Results

Location NC1 - True Light Middle School of Hong Kong							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
6-Sep-10	17:10	Sunny	67.4	72.3	64.8	70.2	67.4 Measured $\leq$ Baseline
13-Sep-10	16:20	Sunny	67.4	70.7	64.3		67.4 Measured $\leq$ Baseline
24-Sep-10	9:10	Sunny	67.9	70.6	64.1		67.9 Measured $\leq$ Baseline
29-Sep-10	13:45	Sunny	69.3	71.8	65.9		69.3 Measured $\leq$ Baseline

Location NC2 - The Legend							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
6-Sep-10	16:15	Sunny	69.0	74.2	65.8	64.8	66.9
13-Sep-10	15:30	Sunny	70.6	74.0	65.8		69.3
24-Sep-10	10:00	Sunny	69.4	73.2	65.0		67.6
29-Sep-10	13:00	Sunny	70.2	73.6	65.9		68.7

Location NC3 - Outside Aegean Terrace							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
6-Sep-10	8:10	Cloudy	56.8	59.0	52.3	57.7	56.8 Measured $\leq$ Baseline
13-Sep-10	8:15	Sunny	55.7	57.9	52.1		55.7 Measured $\leq$ Baseline
24-Sep-10	8:20	Cloudy	53.4	56.0	50.1		53.4 Measured $\leq$ Baseline
29-Sep-10	8:10	Cloudy	53.7	56.0	50.0		53.7 Measured $\leq$ Baseline

Location NC4 - Man Yuen Garden							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
6-Sep-10	16:30	Sunny	72.3	75.5	67.0	64.5	71.1
13-Sep-10	17:00	Sunny	70.0	71.9	67.6		68.6
24-Sep-10	13:00	Sunny	71.7	74.4	66.6		70.8
29-Sep-10	13:50	Sunny	72.3	75.0	67.4		71.5

Location NC5 - Bk D Villa Monte Rosa							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
6-Sep-10	10:30	Sunny	71.3	74.0	65.3	66.1	69.7
13-Sep-10	10:35	Sunny	69.8	72.4	64.0		67.4
24-Sep-10	10:00	Sunny	71.2	74.0	64.7		69.6
29-Sep-10	9:55	Sunny	69.8	72.4	64.6		67.4

Location NC6 - Rosaryhill School							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
6-Sep-10	9:45	Sunny	63.9	66.5	59.8	64.1	63.9 Measured $\leq$ Baseline
13-Sep-10	9:55	Sunny	64.3	66.8	60.2		50.8
24-Sep-10	10:40	Sunny	64.6	67.3	61.2		55.0
29-Sep-10	10:35	Sunny	64.7	66.9	60.3		55.8

Location NC7 - Buddhist Li Ka Shing Care & Attention Home for the Elderly							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
6-Sep-10	15:10	Sunny	72.7	76.2	66.8	65.1	71.9
13-Sep-10	14:20	Sunny	72.6	75.3	66.2		71.7
24-Sep-10	11:30	Sunny	72.2	74.6	66.0		71.3
29-Sep-10	11:15	Sunny	70.1	74.2	64.3		68.4

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Location NC8 - Marymount Secondary School							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
6-Sep-10	14:00	Sunny	65.4	68.3	60.6	63.5	60.9
13-Sep-10	13:30	Sunny	64.7	69.7	61.5		58.5
24-Sep-10	13:00	Sunny	63.9	67.0	58.4		53.3
29-Sep-10	15:20	Sunny	66.6	70.4	62.9		63.7

Location NC9 - 117 Blue Pool Road							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
6-Sep-10	9:30	Sunny	67.0	69.8	62.5	63.3	64.6
13-Sep-10	10:35	Sunny	68.2	73.3	63.8		66.5
24-Sep-10	15:30	Sunny	68.6	73.2	64.1		67.1
29-Sep-10	15:55	Sunny	69.1	71.5	64.7		67.8

Location NC10 - The Harbour View							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
6-Sep-10	11:20	Sunny	69.9	72.6	65.0	71.7	69.9 Measured ≤ Baseline
13-Sep-10	11:25	Sunny	71.2	73.8	66.3		71.2 Measured ≤ Baseline
24-Sep-10	11:25	Sunny	69.9	72.8	64.6		69.9 Measured ≤ Baseline
29-Sep-10	11:20	Sunny	70.8	73.6	66.4		70.8 Measured ≤ Baseline

Location NC11 - Honey Court							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
6-Sep-10	9:00	Sunny	66.2	68.7	63.4	63.2	63.2
13-Sep-10	9:05	Sunny	67.6	69.8	63.2		65.6
24-Sep-10	9:10	Sunny	65.9	68.6	62.1		62.6
29-Sep-10	9:00	Sunny	66.8	69.5	62.5		64.3

Location NC12 - Ying Wa Girl's School							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
6-Sep-10	15:40	Sunny	63.9	66.3	59.8	67.1	63.9 Measured ≤ Baseline
13-Sep-10	13:00	Sunny	63.9	66.4	58.9		63.9 Measured ≤ Baseline
24-Sep-10	13:50	Sunny	63.7	65.9	59.7		63.7 Measured ≤ Baseline
29-Sep-10	14:40	Sunny	63.7	65.9	59.8		63.7 Measured ≤ Baseline

Location NC13 - Peaksville Court							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
6-Sep-10	16:20	Sunny	71.7	74.5	65.1	65.2	70.6
13-Sep-10	13:40	Sunny	72.3	74.8	67.0		71.4
24-Sep-10	14:30	Sunny	72.8	75.4	65.4		72.0
29-Sep-10	15:20	Sunny	71.2	74.0	65.9		69.9

Appendix G - Noise Monitoring Results

Location NC14 - Hong Kong Japanese School							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
6-Sep-10	11:30	Sunny	66.0	68.3	61.0	60.8	64.4
13-Sep-10	11:30	Sunny	66.1	69.2	60.7		64.6
24-Sep-10	14:00	Sunny	65.4	68.2	59.3		63.6
29-Sep-10	14:30	Sunny	64.7	69.2	63.1		62.4

Location NC15 - Hong Kong Academy							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
6-Sep-10	13:10	Sunny	66.8	69.4	62.9	63.5	64.1
13-Sep-10	18:00	Sunny	66.7	69.3	62.3		63.9
24-Sep-10	17:45	Cloudy	66.8	69.3	63.2		64.1
29-Sep-10	13:00	Sunny	65.7	69.9	64.2		61.7

Location NC16 - Raimondi College							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
6-Sep-10	17:05	Sunny	64.2	66.4	58.3	70.4	64.2 Measured ≤ Baseline
13-Sep-10	14:25	Sunny	64.1	66.4	60.2		64.1 Measured ≤ Baseline
24-Sep-10	15:15	Sunny	63.2	65.6	58.6		63.2 Measured ≤ Baseline
29-Sep-10	16:05	Sunny	63.0	65.3	58.9		63.0 Measured ≤ Baseline

Location NC17 - Hong Kong Institute of Technology							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
6-Sep-10	14:10	Sunny	65.9	68.6	62.0	66.0	65.9 Measured ≤ Baseline
13-Sep-10	16:10	Sunny	67.0	69.6	63.5		60.1
24-Sep-10	16:10	Sunny	67.2	69.8	63.9		61.0
29-Sep-10	17:00	Sunny	67.0	69.6	62.9		60.1

Location NC18 - Blk A, 80 Robinson Road							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
6-Sep-10	14:50	Sunny	70.8	73.6	66.0	64.8	69.5
13-Sep-10	15:25	Sunny	71.6	74.0	65.8		70.6
24-Sep-10	16:55	Sunny	71.3	73.9	67.0		70.2
29-Sep-10	17:45	Sunny	71.6	74.9	66.0		70.6

Location NC19 - Villa Veneto							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level			Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	L _{eq}	L _{eq}
6-Sep-10	10:25	Sunny	66.8	69.4	63.4	68.6	66.8 Measured ≤ Baseline
13-Sep-10	9:40	Sunny	67.0	70.2	63.1		67.0 Measured ≤ Baseline
24-Sep-10	16:10	Sunny	67.7	70.2	64.5		67.7 Measured ≤ Baseline
29-Sep-10	16:40	Sunny	65.7	69.8	61.7		65.7 Measured ≤ Baseline

Appendix G - Noise Monitoring Results

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

Location NC1a - Outside True Light Middle School of Hong Kong								
Date	Time	Weather	dB (A) (5-min)				(Reference) Baseline Level	(Reference) Construction Noise Level, L _{eq}
			L _{eq}	L ₁₀	L ₉₀	Average L _{eq}	L _{eq}	
5-Sep-10	9:00	Sunny	64.6	66.5	62.0	64.7	65.8	64.7 Measured ≤ Baseline
	9:05		64.8	66.5	62.0			
	9:10		64.8	66.5	62.0			
6-Sep-10	19:00	Cloudy	67.2	69.8	63.2	67.4		62.3
	19:05		67.4	69.9	63.3			
	19:10		67.6	70.1	63.5			
12-Sep-10	9:15	Sunny	68.1	69.5	63.5	67.6		62.9
	9:20		67.3	69.0	63.0			
	9:25		67.2	69.0	63.0			
13-Sep-10	19:00	Cloudy	67.9	70.6	63.4	67.9		63.7
	19:05		67.8	70.5	63.3			
	19:10		68.0	70.7	63.5			
19-Sep-10	9:00	Cloudy	66.4	68.0	63.0	66.8		59.9
	9:05		67.1	68.5	63.5			
	9:10		67.0	68.5	63.0			
24-Sep-10	19:05	Cloudy	68.2	70.9	64.6	68.0		64.0
	19:10		68.0	70.7	64.5			
	19:15		67.9	70.6	64.4			
26-Sep-10	10:00	Sunny	64.7	67.0	62.0	64.5		64.5 Measured ≤ Baseline
	10:05		64.5	67.0	62.0			
	10:10		64.4	67.0	62.0			
29-Sep-10	19:00	Cloudy	67.3	69.8	63.7	67.5		62.6
	19:05		67.5	70.0	63.9			
	19:10		67.6	70.1	64.0			

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

Location NC2 - The Legend								
Date	Time	Weather	dB (A) (5-min)				Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	Average L _{eq}	L _{eq}	L _{eq}
5-Sep-10	9:45	Sunny	62.4	64.0	61.0	62.5	59.1	59.8
	9:50		62.7	64.5	61.0			
	9:55		62.5	64.5	61.0			
6-Sep-10	19:35	Cloudy	65.7	68.2	62.6	65.8		64.8
	19:40		65.8	68.3	62.7			
	19:45		65.9	68.4	62.8			
12-Sep-10	9:45	Sunny	64.3	67.5	62.0	65.0		63.7
	9:50		65.4	66.5	61.5			
	9:55		65.2	67.0	61.5			
13-Sep-10	19:35	Cloudy	65.4	68.6	61.8	65.7		64.6
	19:40		65.4	68.8	62.0			
	19:45		66.2	68.9	62.0			
19-Sep-10	9:25	Cloudy	65.8	67.5	63.0	65.6		64.5
	9:30		65.6	67.0	62.0			
	9:35		65.3	67.0	62.0			
24-Sep-10	19:40	Cloudy	66.0	68.6	62.0	65.7		64.6
	19:45		65.7	68.1	61.8			
	19:50		65.4	67.7	61.6			
26-Sep-10	10:30	Sunny	63.3	66.0	61.0	63.5		61.5
	10:35		63.4	66.0	61.0			
	10:40		63.9	66.5	61.5			
29-Sep-10	19:35	Cloudy	64.3	68.6	62.0	64.4		62.9
	19:40		64.5	68.9	62.2			
	19:45		64.3	68.7	62.0			

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

Location NC3 - Outside Aegean Terrace								
Date	Time	Weather	dB (A) (5-min)				Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	Average L _{eq}	L _{eq}	L _{eq}
5-Sep-10	11:00	Sunny	52.6	54.5	51.0	52.5	53.8	52.5 Measured ≤ Baseline
	11:05		52.7	54.5	51.0			
	11:10		52.3	54.0	50.5			
6-Sep-10	20:30	Cloudy	52.1	54.0	48.3	52.0		52.0 Measured ≤ Baseline
	20:35		52.0	54.0	48.2			
	20:40		51.8	53.8	48.0			
12-Sep-10	10:45	Sunny	53.7	56.5	50.5	53.9		37.5
	10:50		53.6	56.5	50.5			
	10:55		54.3	56.5	50.0			
13-Sep-10	20:20	Cloudy	50.1	52.3	46.8	50.1		50.1 Measured ≤ Baseline
	20:25		50.2	52.3	46.9			
	20:30		50.1	52.3	46.9			
19-Sep-10	10:55	Cloudy	53.7	56.0	50.5	53.6		53.6 Measured ≤ Baseline
	11:00		53.5	55.5	50.0			
	11:05		53.5	55.5	50.0			
24-Sep-10	20:30	Cloudy	49.8	51.9	46.9	49.9		49.9 Measured ≤ Baseline
	20:35		49.9	52.0	47.0			
	20:40		50.0	52.2	47.1			
26-Sep-10	11:30	Sunny	52.0	55.0	50.0	52.4		52.4 Measured ≤ Baseline
	11:35		52.7	55.5	50.0			
	11:40		52.4	55.5	49.5			
29-Sep-10	20:20	Cloudy	48.9	51.0	46.7	49.0		49.0 Measured ≤ Baseline
	20:25		49.1	51.2	46.9			
	20:30		49.0	51.1	46.8			

Appendix G - Noise Monitoring Results

(Restricted Hours - 23:00 to 07:00 on all days)

Location NC1a - Outside True Light Middle School of Hong Kong								
Date	Time	Weather	dB (A) (5-min)			Average L _{eq}	(Reference) Baseline Level	(Reference) Construction Noise Level, L _{eq}
			L _{eq}	L ₁₀	L ₉₀		L _{eq}	
6-Sep-10	23:25	Cloudy	58.6	59.5	56.0	58.5	60.7	58.5 Measured ≤ Baseline
	23:30		58.2	59.0	55.5			
	23:35		58.7	59.5	56.0			
13-Sep-10	23:25	Cloudy	57.3	62.0	55.5	57.3		57.3 Measured ≤ Baseline
	23:30		57.4	62.5	56.0			
	23:35		57.1	62.5	55.5			
24-Sep-10	23:30	Cloudy	56.4	66.0	54.0	56.7		56.7 Measured ≤ Baseline
	23:35		56.6	66.0	54.0			
	23:40		57.0	66.5	54.5			
29-Sep-10	23:25	Cloudy	54.9	58.0	52.0	55.5		55.5 Measured ≤ Baseline
	23:30		55.6	59.0	53.0			
	23:35		55.8	59.0	53.0			

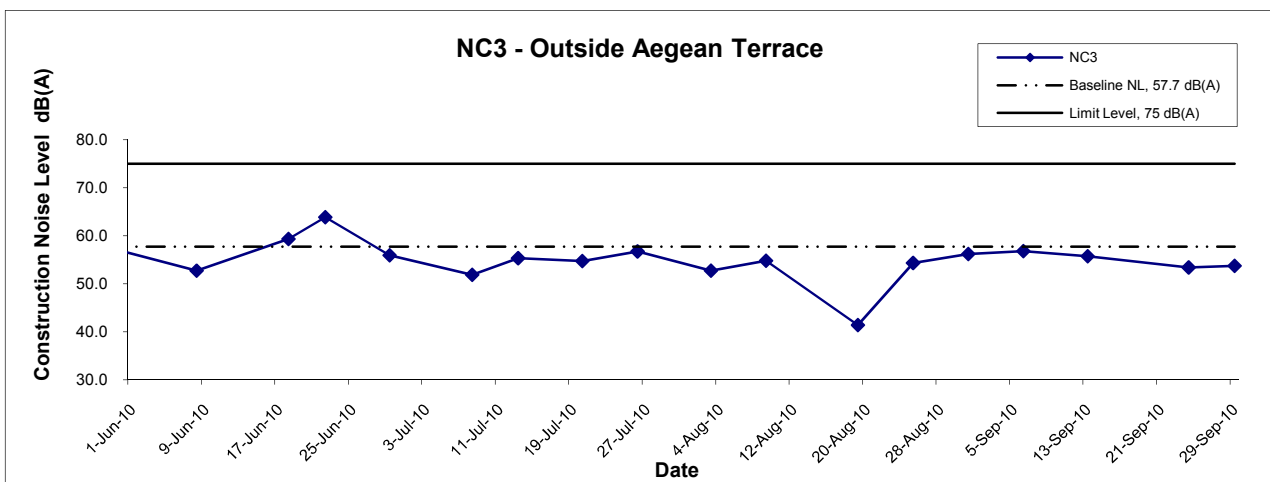
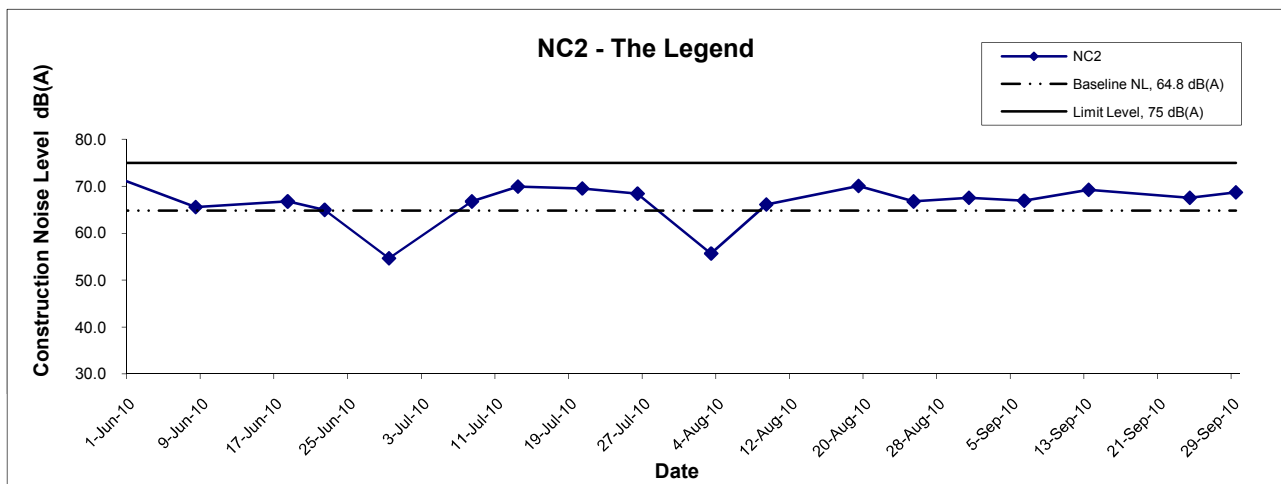
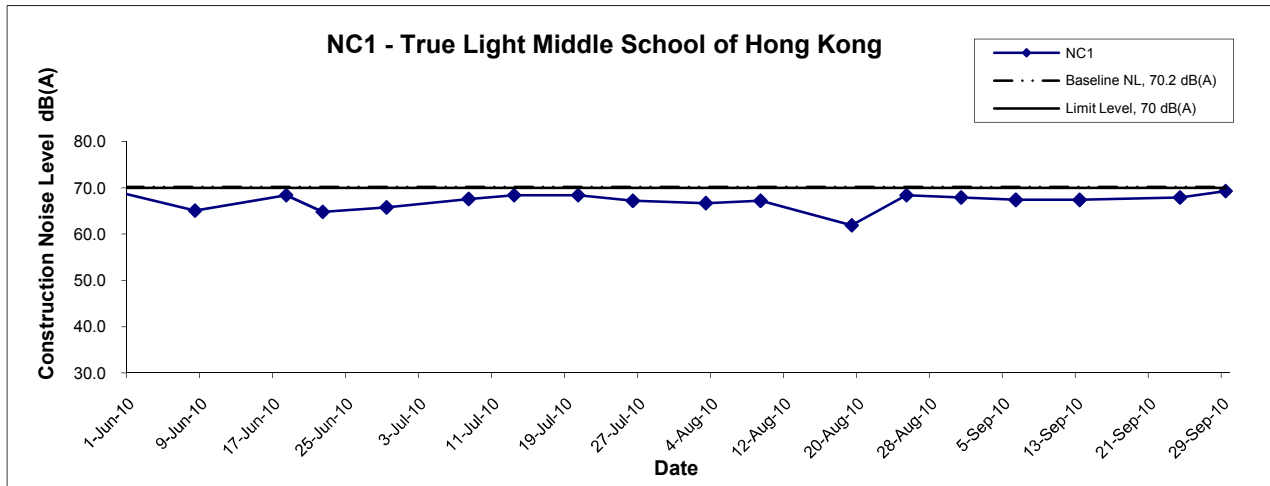
(Restricted Hours - 23:00 to 07:00 on all days)

Location NC2 - The Legend								
Date	Time	Weather	dB (A) (5-min)				Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	Average L _{eq}	L _{eq}	L _{eq}
6-Sep-10	23:00	Cloudy	52.6	54.0	50.5	52.4	53.9	52.4 Measured ≤ Baseline
	23:05		52.2	53.5	50.0			
	23:10		52.3	53.5	50.0			
13-Sep-10	23:00	Cloudy	51.7	54.5	49.5	52.0		52.0 Measured ≤ Baseline
	23:05		51.9	55.0	50.0			
	23:10		52.3	55.0	50.0			
24-Sep-10	23:00	Cloudy	51.7	55.0	50.0	51.4		51.4 Measured ≤ Baseline
	23:05		51.6	55.0	50.5			
	23:10		51.0	54.5	49.5			
29-Sep-10	23:00	Cloudy	52.0	54.0	49.5	51.7		51.7 Measured ≤ Baseline
	23:05		51.6	54.0	49.0			
	23:10		51.6	54.0	49.0			

(Restricted Hours - 23:00 to 07:00 on all days)

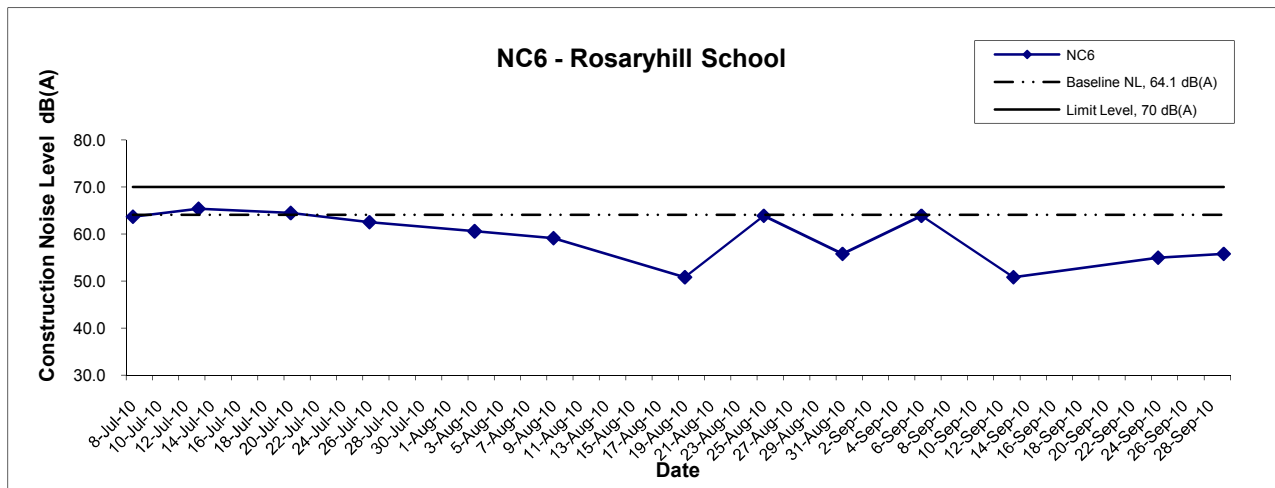
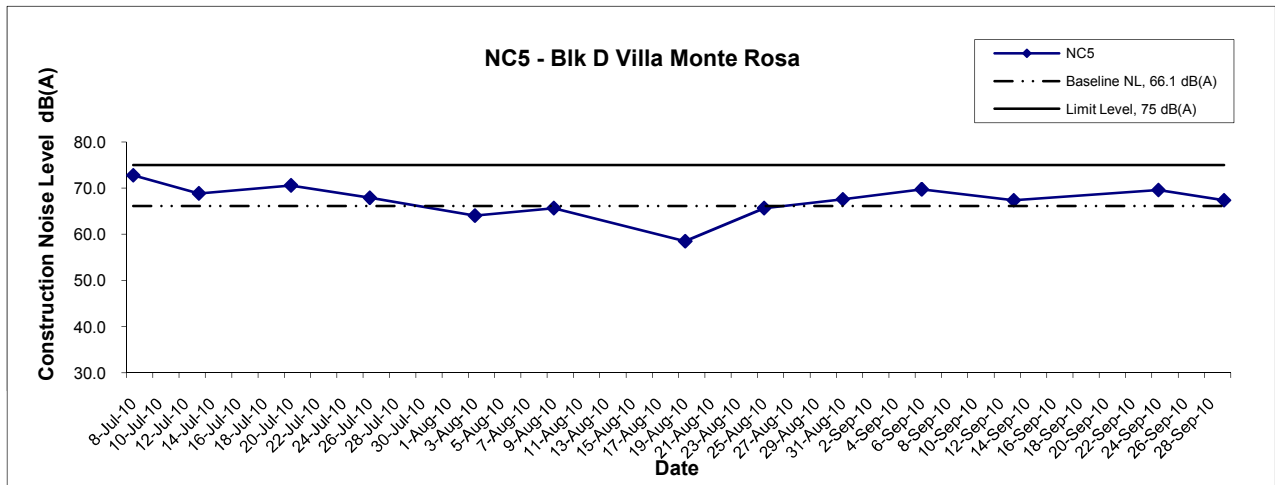
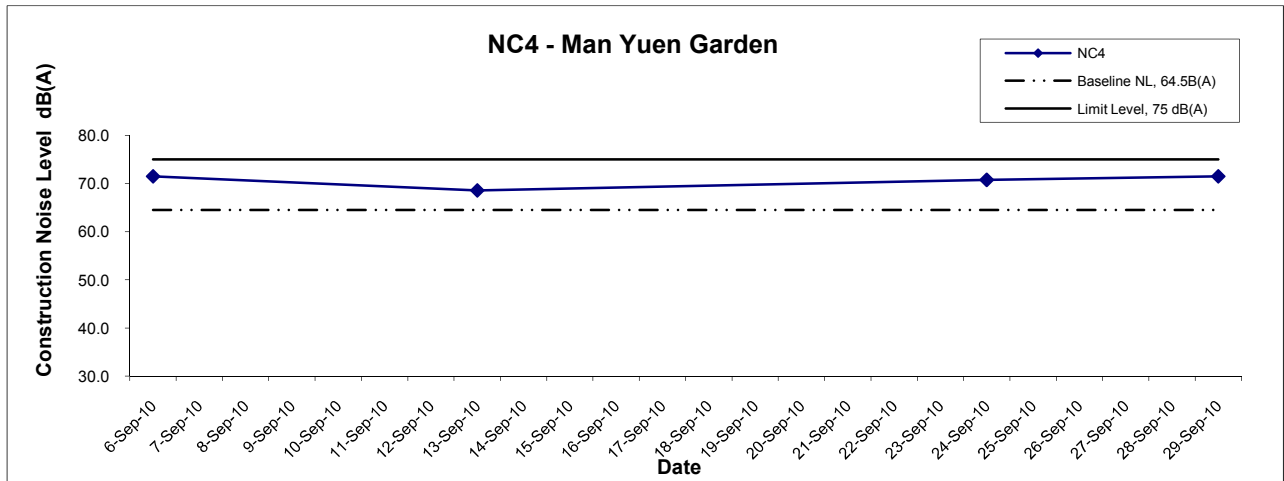
Location NC3 - Outside Aegean Terrace								
Date	Time	Weather	dB (A) (5-min)				Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	Average L _{eq}	L _{eq}	L _{eq}
7-Sep-10	00:25	Cloudy	49.7	51.0	47.0	49.8	52.0	49.8 Measured ≤ Baseline
	00:30		49.9	51.0	47.0			
	00:35		49.8	51.0	47.0			
14-Sep-10	00:45	Cloudy	49.7	50.5	48.5	49.5		49.5 Measured ≤ Baseline
	00:50		49.4	51.0	48.0			
	00:55		49.4	51.0	48.0			
25-Sep-10	00:25	Cloudy	50.0	51.0	48.5	50.2		50.2 Measured ≤ Baseline
	00:30		50.4	51.5	48.5			
	00:35		50.1	51.0	48.5			
30-Sep-10	00:25	Cloudy	49.0	53.0	46.5	49.4		49.4 Measured ≤ Baseline
	00:30		49.5	53.5	47.0			
	00:35		49.7	53.5	47.0			

Noise Levels



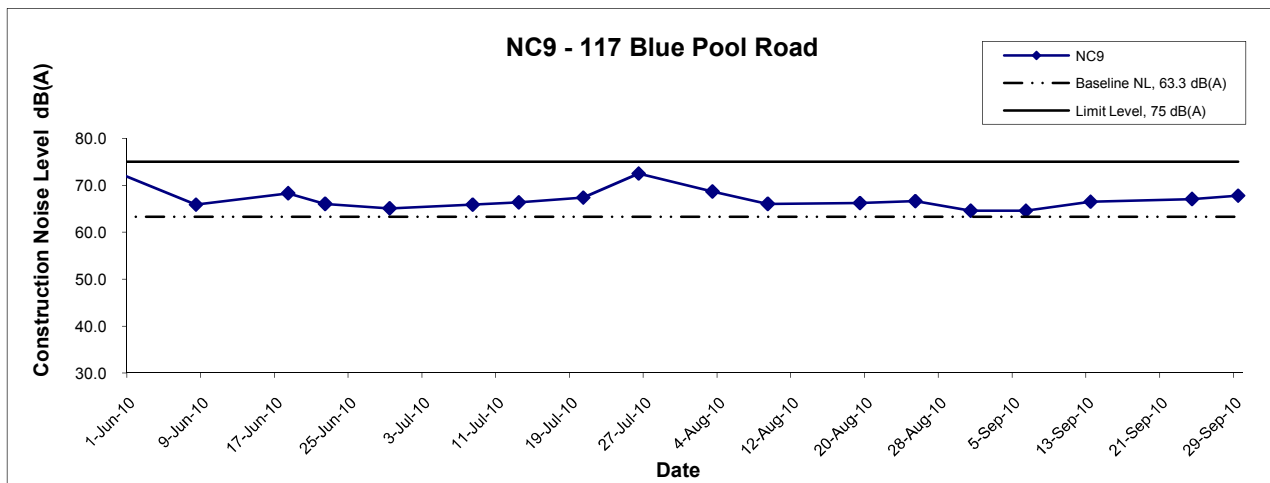
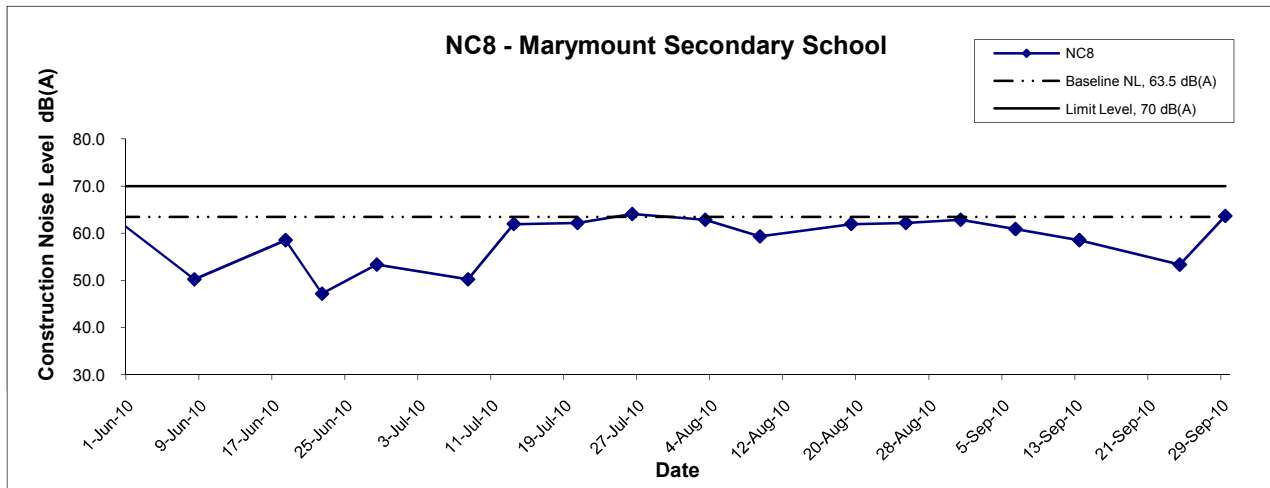
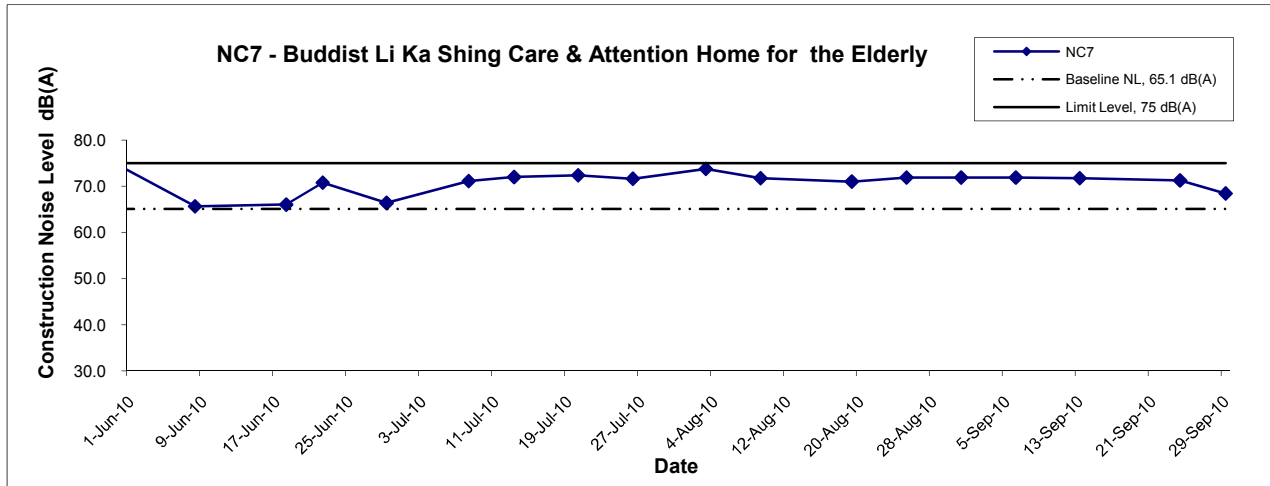
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Construction Noise Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Sep 10	Appendix G	

Noise Levels



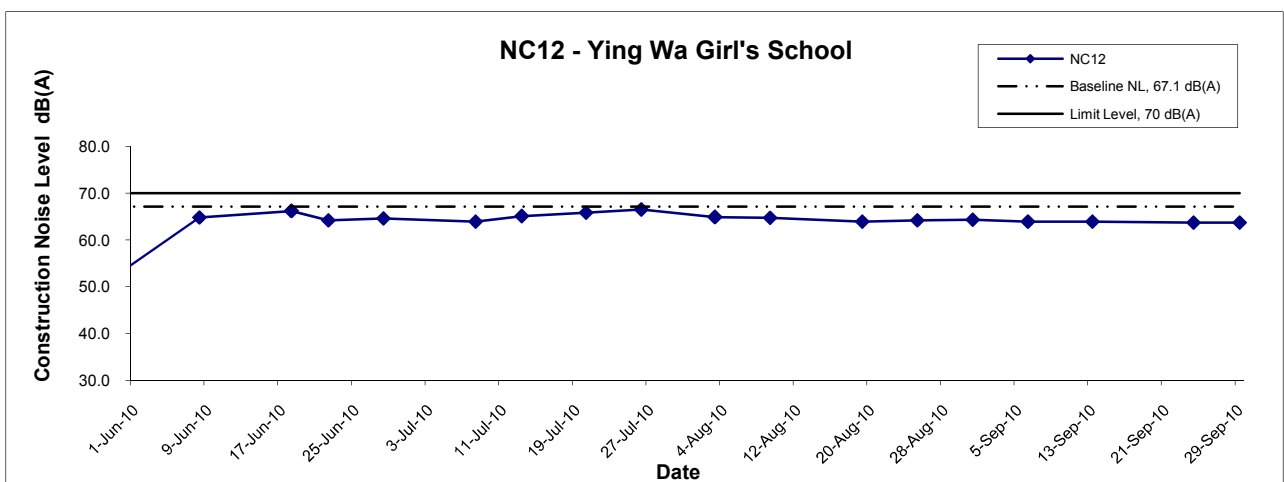
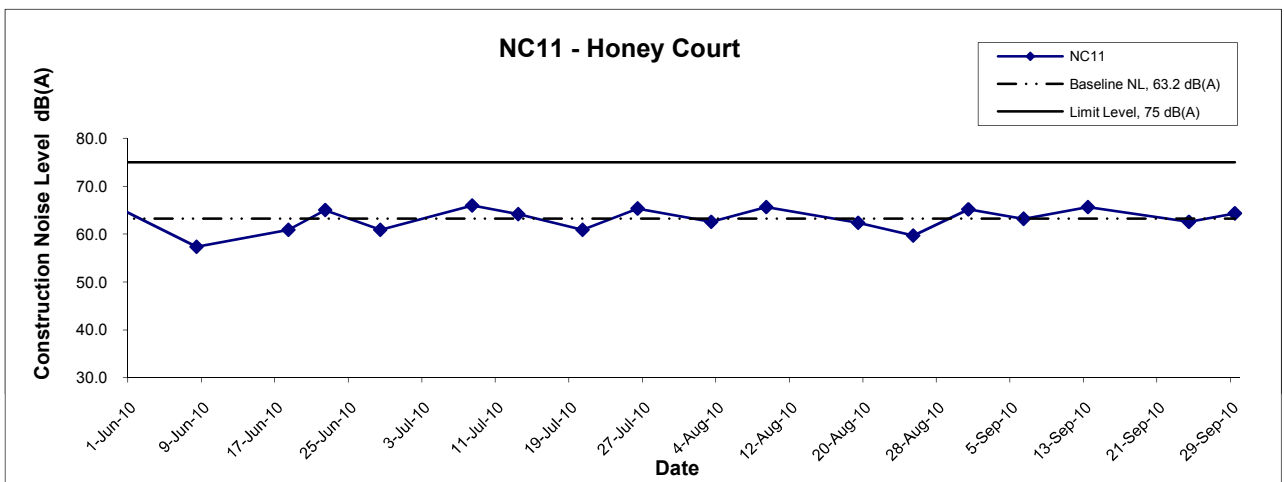
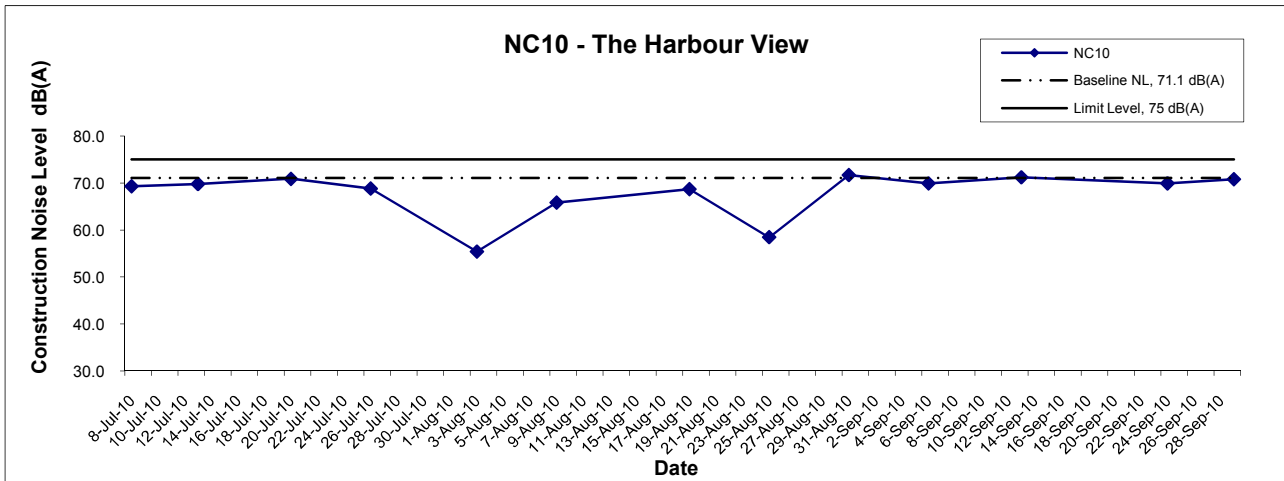
Title	Contract No. DC/2007/10	Scale	Project No.	CINOTECH
	Design and Construction of Hong Kong West Drainage Tunnel	N.T.S	MA8001	
Graphical Presentation of Construction Noise Monitoring Results		Date	Appendix	
		Sep 10	G	

Noise Levels



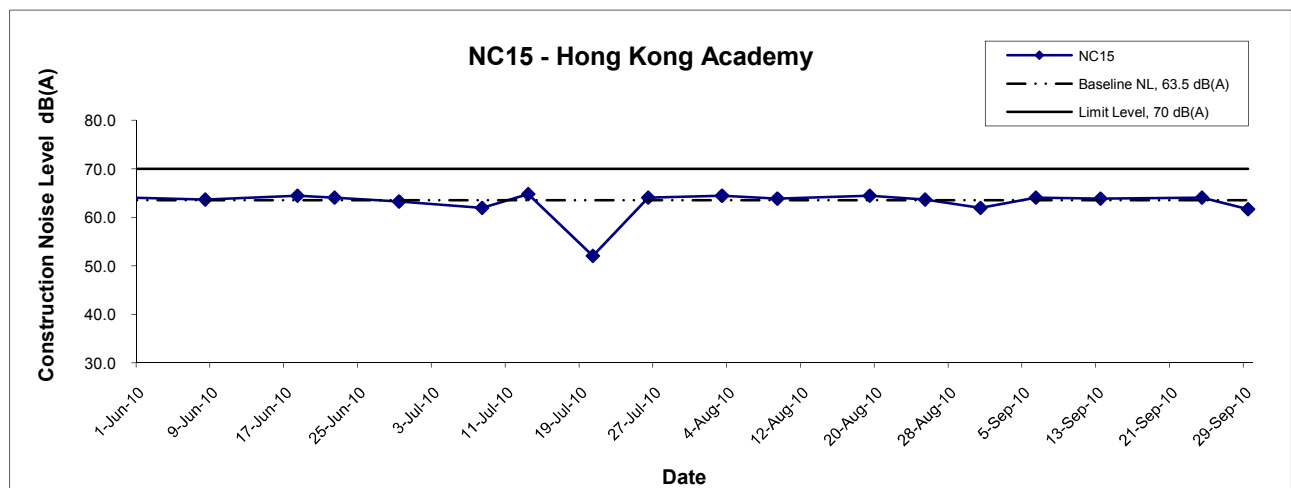
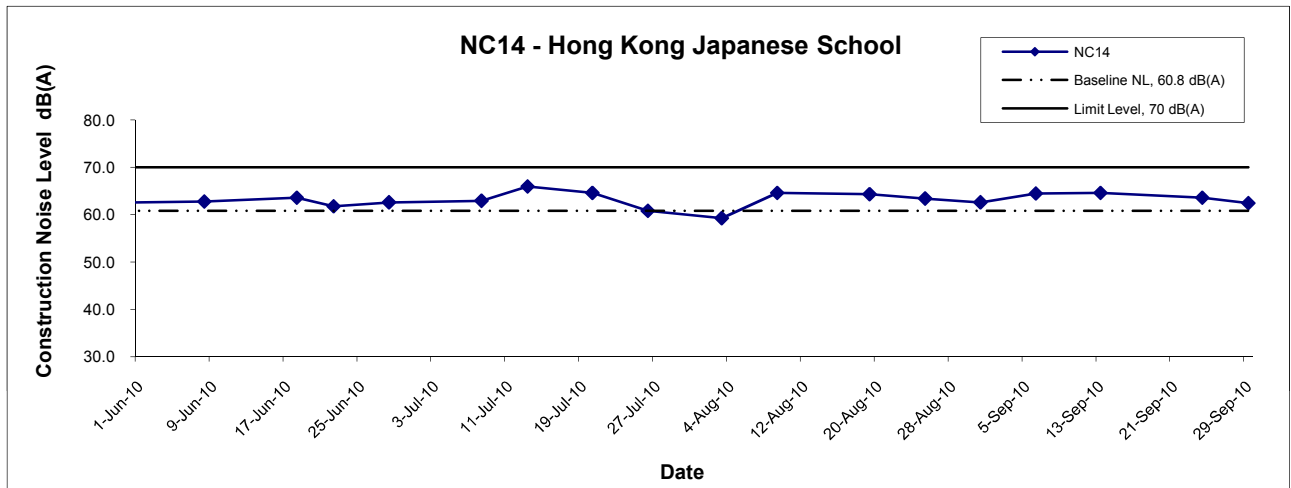
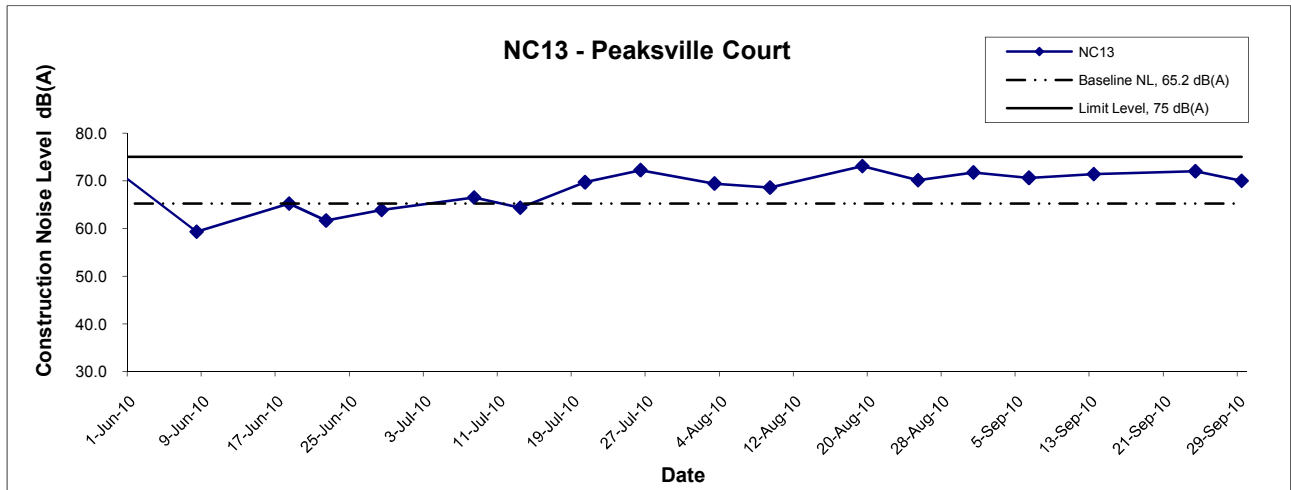
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Construction Noise Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Sep 10	Appendix G	

Noise Levels



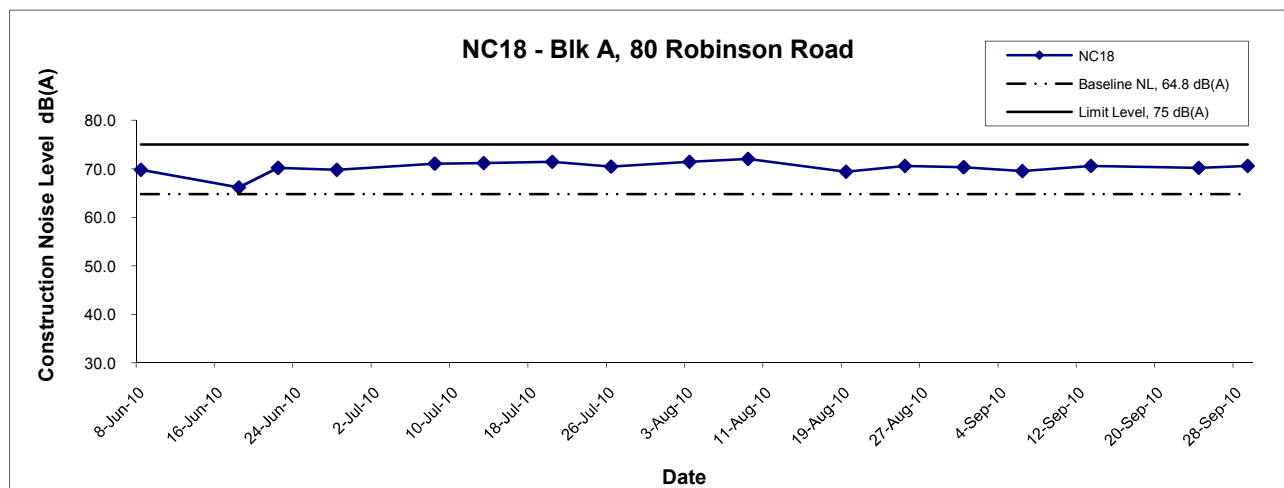
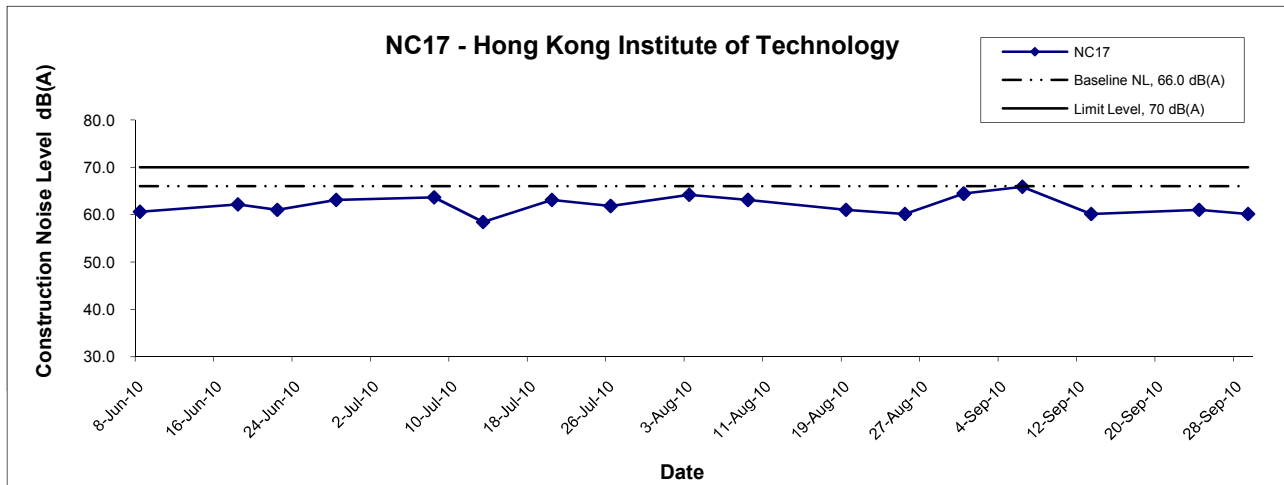
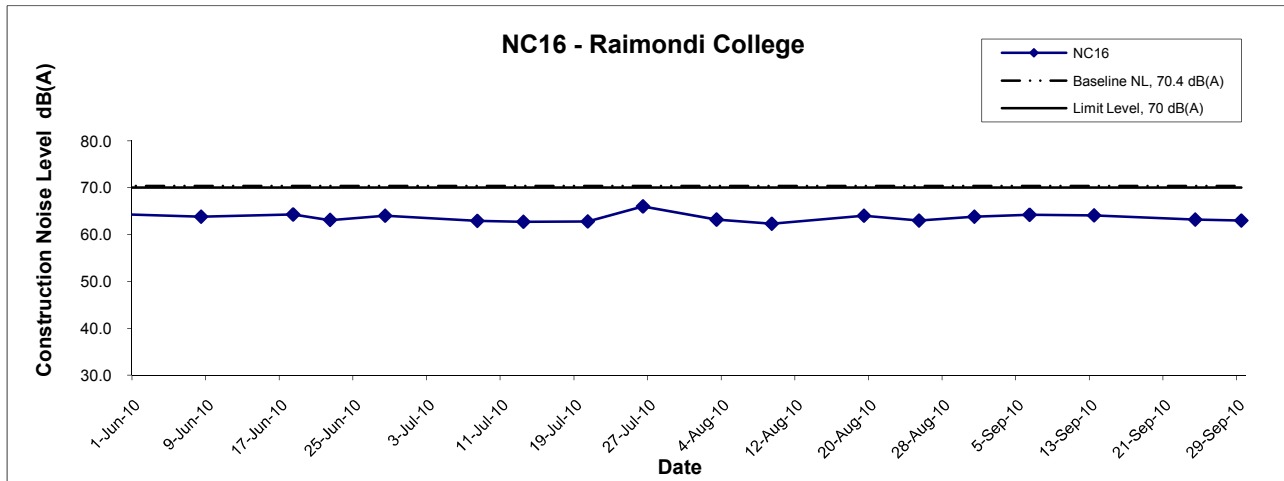
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Construction Noise Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Sep 10	Appendix G	

Noise Levels



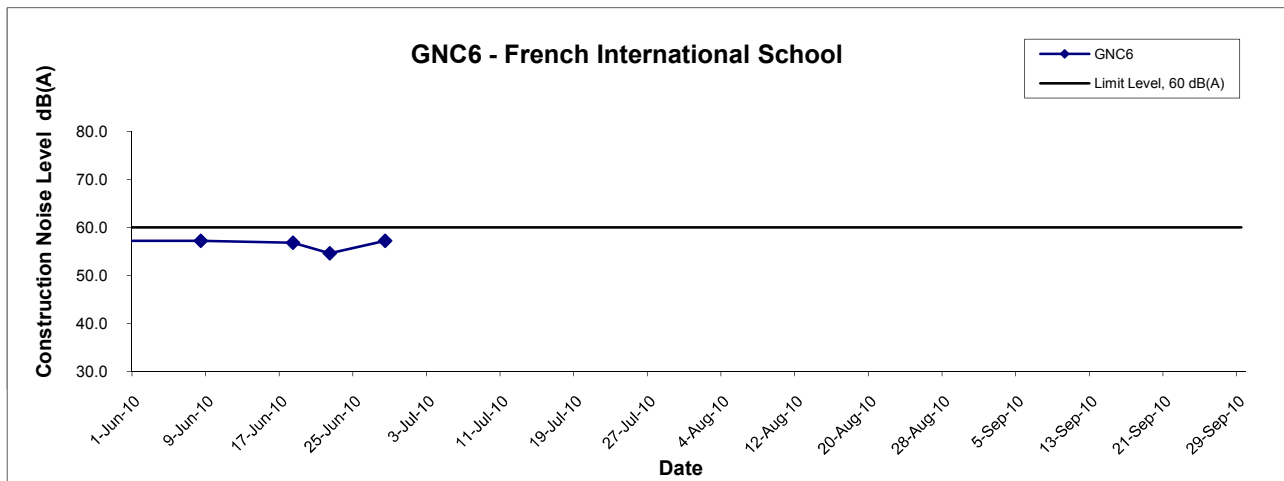
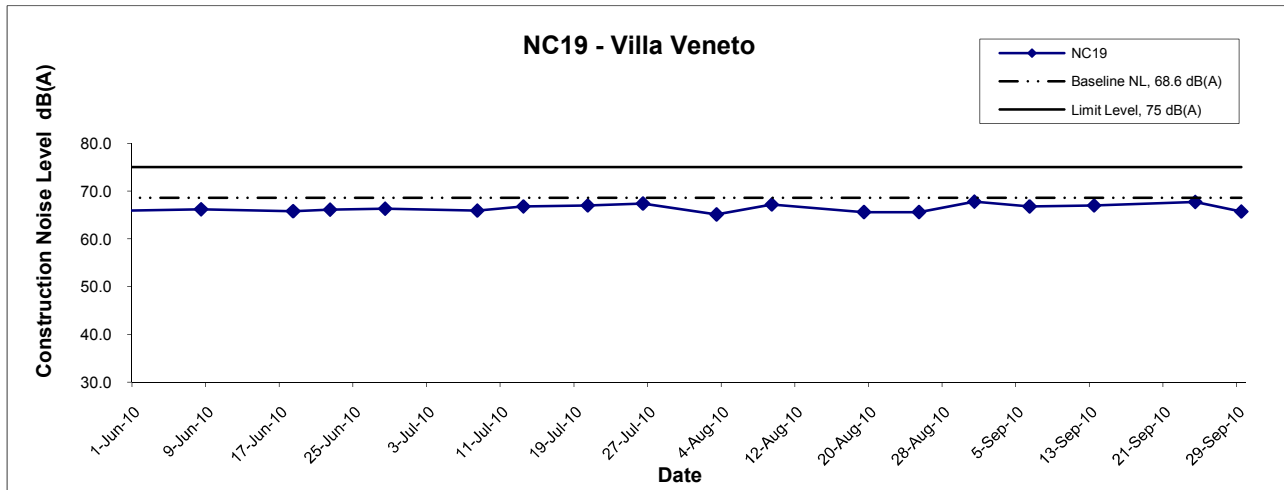
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Construction Noise Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Sep 10	Appendix G	

Noise Levels



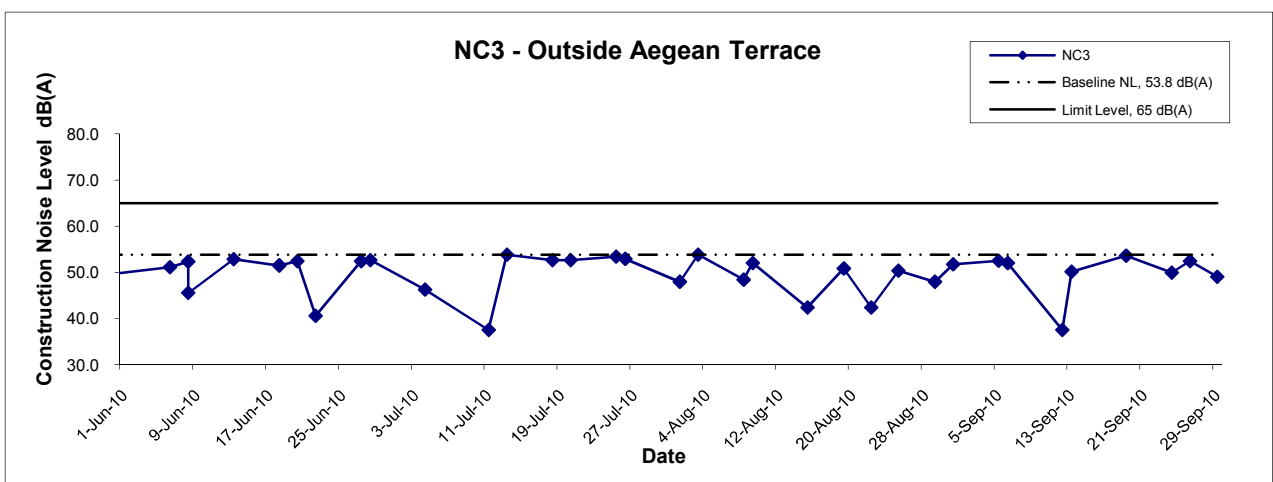
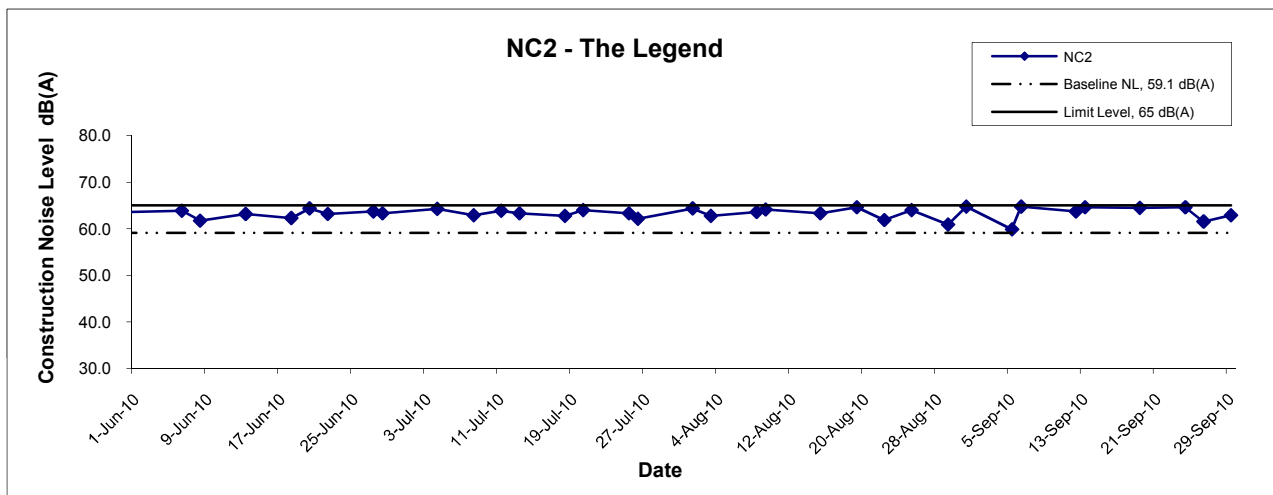
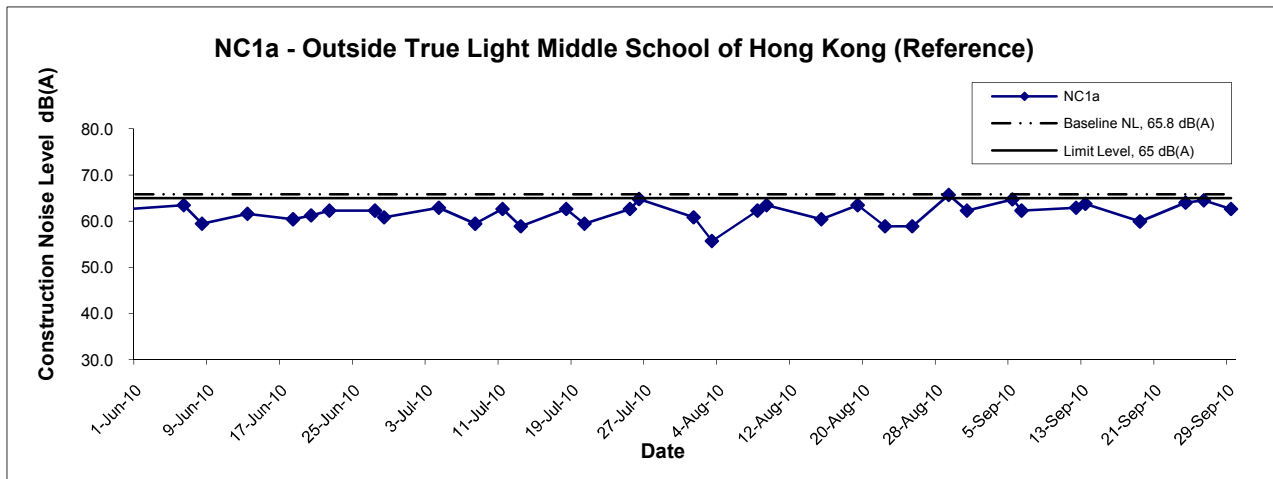
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Construction Noise Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Sep 10	Appendix G	

Noise Levels



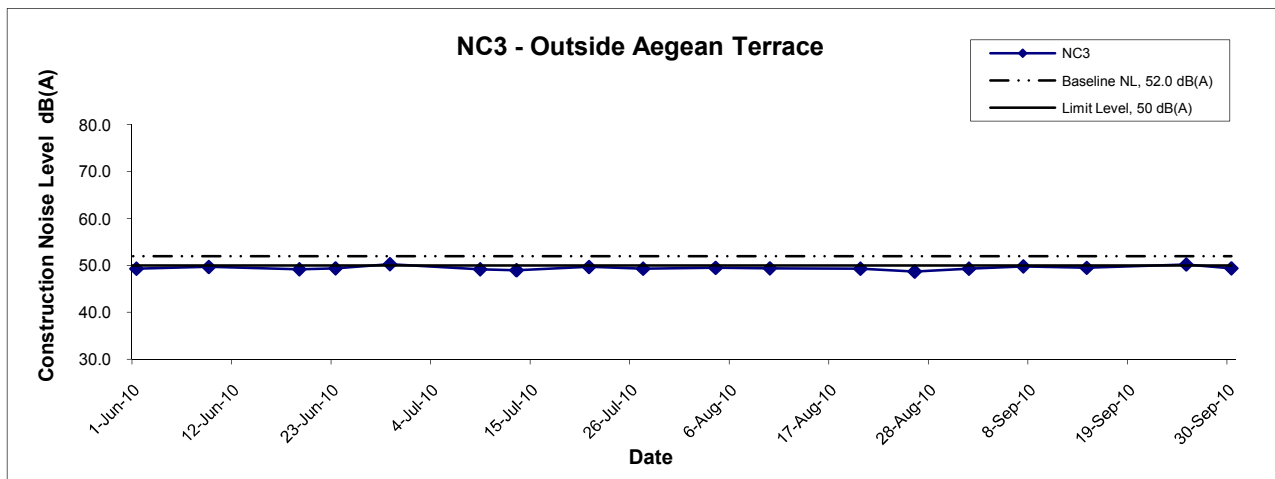
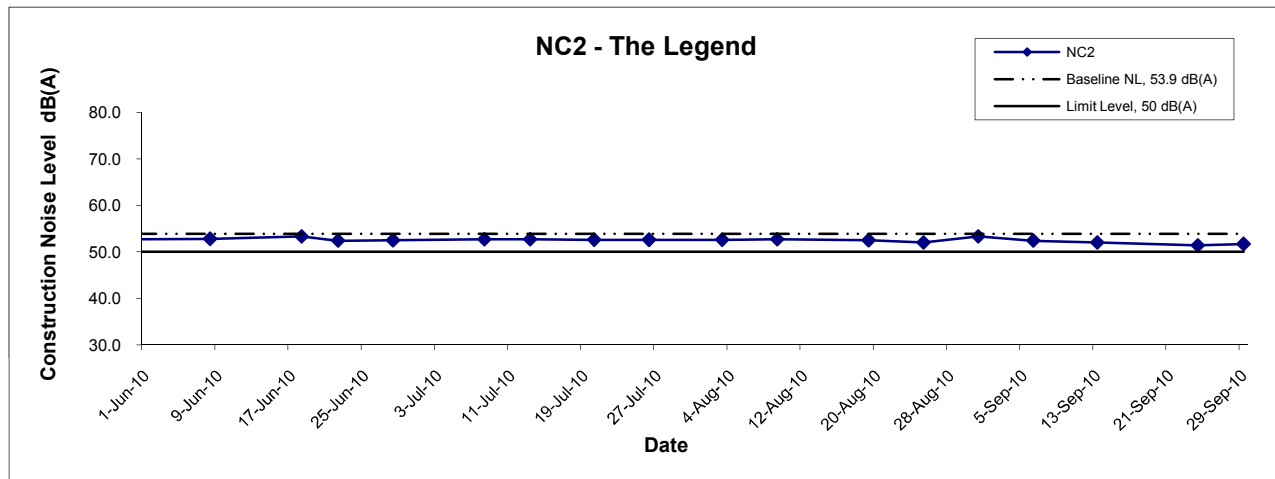
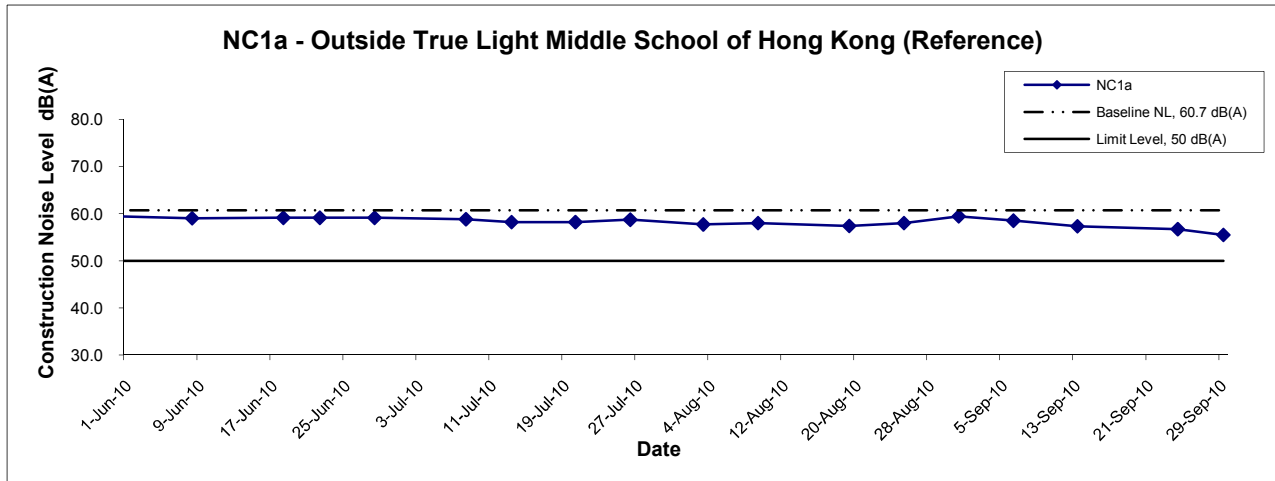
Title	Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Construction Noise Monitoring Results	Scale	Project No.	CINOTECH
		N.T.S Date Sep 10	MA8001 Appendix G	

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



Title	Contract No. DC/2007/10	Scale	Project No.	CINOTECH
	Design and Construction of Hong Kong West Drainage Tunnel	N.T.S	MA8001	
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Noise Levels (Restricted Hours - 23:00 to 07:00 on all days)



Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Construction Noise Monitoring Results	Scale N.T.S	Project No. MA8001	
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