

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}
1-Apr-10	8:00	Cloudy	66.3	68.8	63.1	70.2	66.3 Measured ≤ Baseline
8-Apr-10	13:00	Cloudy	66.8	69.6	63.2		66.8 Measured ≤ Baseline
14-Apr-10	8:00	Cloudy	66.1	68.7	63.4		66.1 Measured ≤ Baseline
20-Apr-10	9:35	Cloudy	69.8	72.7	66.3		69.8 Measured ≤ Baseline
26-Apr-10	14:25	Cloudy	68.3	70.9	64.7		68.3 Measured ≤ 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}
1-Apr-10	8:45	Cloudy	67.8	70.1	64.3	64.8	64.8
8-Apr-10	13:45	Cloudy	67.8	70.4	63.4		64.8
14-Apr-10	8:45	Cloudy	70.8	73.7	67.2		69.5
20-Apr-10	10:20	Cloudy	71.7	74.5	67.4		70.7
26-Apr-10	15:20	Cloudy	71.8	74.6	65.9		70.8

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}
1-Apr-10	10:20	Cloudy	63.5	66.3	58.3	57.7	62.2
8-Apr-10	11:25	Cloudy	62.7	65.4	59.3		61.0
14-Apr-10	9:35	Cloudy	60.8	63.5	56.2		57.9
20-Apr-10	8:00	Cloudy	54.8	57.2	50.3		54.8 Measured ≤ Baseline
26-Apr-10	13:00	Cloudy	64.6	67.2	60.8		63.6

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}
1-Apr-10	9:30	Cloudy	73.2	75.9	67.8	65.1	72.5
8-Apr-10	14:30	Cloudy	72.8	75.7	67.6		72.0
14-Apr-10	10:20	Cloudy	69.1	72.0	65.4		66.9
20-Apr-10	13:00	Cloudy	65.9	68.7	62.3		58.2
26-Apr-10	17:20	Cloudy	68.7	71.4	63.2		66.2

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}
1-Apr-10	15:45	Cloudy	63.0	65.7	57.3	63.5	63.0 Measured ≤ Baseline
8-Apr-10	15:15	Cloudy	64.2	66.8	58.0		55.9
14-Apr-10	13:05	Cloudy	64.2	66.7	58.2		55.9
20-Apr-10	14:20	Cloudy	62.7	65.1	58.5		62.7 Measured ≤ Baseline
26-Apr-10	14:25	Sunny	66.9	71.8	65.3		64.2

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}
1-Apr-10	15:10	Cloudy	65.3	67.8	59.0	63.3	61.0
8-Apr-10	15:55	Cloudy	65.6	68.1	60.3		61.7
14-Apr-10	13:45	Cloudy	65.0	67.8	59.0		60.1
20-Apr-10	13:45	Cloudy	65.3	67.8	61.7		61.0
26-Apr-10	13:50	Sunny	71.6	74.4	67.8		70.9

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}
1-Apr-10	11:10	Cloudy	72.9	75.8	66.6	63.2	72.4
8-Apr-10	14:00	Cloudy	65.7	68.4	62.3		62.1
14-Apr-10	14:35	Cloudy	66.7	68.9	62.7		64.1
20-Apr-10	8:45	Cloudy	68.7	71.4	63.5		67.3
26-Apr-10	11:20	Cloudy	73.4	76.3	68.3		73.0

Appendix G - Noise Monitoring Results

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}
1-Apr-10	16:40	Cloudy	65.9	68.6	62.1	67.1	65.9 Measured $\leq$ Baseline
8-Apr-10	9:00	Cloudy	65.6	68.2	62.3		65.6 Measured $\leq$ Baseline
14-Apr-10	17:40	Cloudy	65.2	67.9	60.7		65.2 Measured $\leq$ Baseline
20-Apr-10	17:30	Cloudy	65.3	68.0	61.7		65.3 Measured $\leq$ Baseline
26-Apr-10	9:00	Cloudy	65.2	67.7	61.9		65.2 Measured $\leq$ Baseline

Location NC13 - Peakville 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}
1-Apr-10	18:00	Cloudy	68.3	70.8	63.4	65.2	65.4
8-Apr-10	9:40	Cloudy	67.1	69.8	63.7		62.6
14-Apr-10	17:00	Cloudy	69.9	73.0	62.4		68.1
20-Apr-10	15:00	Cloudy	70.3	73.1	67.6		68.7
26-Apr-10	9:40	Cloudy	71.2	74.0	66.3		69.9

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}
1-Apr-10	13:45	Cloudy	65.7	68.9	62.2	60.8	64.0
8-Apr-10	16:40	Cloudy	64.3	67.2	60.8		61.7
14-Apr-10	15:55	Cloudy	65.3	67.8	60.9		63.4
20-Apr-10	15:50	Sunny	65.2	67.6	60.8		63.2
26-Apr-10	15:55	Cloudy	65.7	67.9	60.9		64.0

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}
1-Apr-10	14:15	Cloudy	66.2	72.0	64.7	63.5	62.9
8-Apr-10	8:00	Cloudy	65.8	73.6	64.7		61.9
14-Apr-10	11:20	Cloudy	66.9	71.7	62.9		64.2
20-Apr-10	11:20	Cloudy	67.1	71.7	63.9		64.6
26-Apr-10	8:00	Cloudy	66.3	70.8	62.0		63.1

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}
1-Apr-10	17:20	Cloudy	66.4	68.7	60.8	70.4	66.4 Measured $\leq$ Baseline
8-Apr-10	10:20	Cloudy	64.9	67.7	60.8		64.9 Measured $\leq$ Baseline
14-Apr-10	14:15	Cloudy	64.7	67.5	60.4		64.7 Measured $\leq$ Baseline
20-Apr-10	15:45	Cloudy	64.9	67.4	60.8		64.9 Measured $\leq$ Baseline
26-Apr-10	10:20	Cloudy	64.9	67.5	60.8		64.9 Measured $\leq$ Baseline

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}
1-Apr-10	13:00	Cloudy	70.8	73.8	66.5	68.6	66.8
8-Apr-10	17:20	Cloudy	66.2	68.8	62.9		66.2 Measured $\leq$ Baseline
14-Apr-10	15:15	Cloudy	68.7	71.7	65.2		52.3
20-Apr-10	15:05	Cloudy	68.2	70.8	64.2		68.2 Measured $\leq$ Baseline
26-Apr-10	15:15	Cloudy	70.9	73.7	65.8		67.0

Location GNC6 - French International School							
Date	Time	Weather	Unit: dB (A) (30-min)				
			Measured Noise Level				
			L _{eq}	L ₁₀	L ₉₀		
1-Apr-10	14:25	Cloudy	56.4	63.6	54.8		
8-Apr-10	18:00	Cloudy	58.9	61.4	54.1		
14-Apr-10	16:05	Cloudy	58.1	62.7	56.0		
20-Apr-10	16:30	Cloudy	57.2	62.6	56.3		
26-Apr-10	16:35	Cloudy	58.7	64.3	57.4		

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)
			L _{eq}	L ₁₀	L ₉₀	Average L _{eq}	L _{eq}	Construction Noise Level, L _{eq}
1-Apr-10	19:00	Cloudy	67.6	69.8	62.3	67.6	65.8	62.9
	19:05		67.8	69.9	62.5			
	19:10		67.5	69.7	62.2			
4-Apr-10	9:00	Cloudy	67.2	69.0	62.5	67.2		61.6
	9:05		67.4	69.0	63.5			
	9:10		67.8	69.5	63.5			
8-Apr-10	19:00	Cloudy	67.1	69.6	62.9	66.9		60.4
	19:05		66.8	69.4	62.7			
	19:10		66.9	69.5	62.7			
11-Apr-10	9:10	Cloudy	66.5	68.5	63.0	67.0		60.8
	9:15		67.3	69.0	63.0			
	9:20		67.1	69.0	63.5			
14-Apr-10	19:00	Cloudy	67.4	69.8	62.7	67.4		62.3
	19:05		67.5	69.9	62.8			
	19:10		67.2	69.7	62.5			
18-Apr-10	9:15	Cloudy	67.2	69.0	63.5	67.4		62.3
	9:20		67.6	69.0	63.0			
	9:25		67.3	69.0	63.5			
20-Apr-10	19:00	Cloudy	66.7	69.1	63.2	66.7		59.4
	19:05		66.9	69.5	63.5			
	19:10		66.5	68.9	63.0			
25-Apr-10	09:00	Sunny	66.5	69.0	63.0	66.6		58.9
	09:05		66.4	69.0	63.0			
	09:10		66.8	69.5	63.5			
26-Apr-10	19:00	Cloudy	66.7	69.4	62.3	66.6		58.9
	19:05		66.5	69.2	62.2			
	19:10		66.6	69.3	62.2			

(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}
1-Apr-10	19:30	Cloudy	63.9	67.2	60.3	64.1	59.1	62.4
	19:35		64.1	67.4	60.5			
	19:40		64.2	67.6	60.5			
4-Apr-10	9:25	Cloudy	63.8	65.0	62.5	63.7		61.9
	9:30		63.6	65.0	62.5			
	9:35		63.6	65.0	62.5			
8-Apr-10	19:35	Cloudy	64.0	66.6	60.8	63.8		62.0
	19:40		63.7	66.4	60.6			
	19:45		63.8	66.5	60.7			
11-Apr-10	9:35	Cloudy	63.8	65.0	62.5	63.5		61.5
	9:40		63.6	64.5	61.5			
	9:45		63.0	64.5	62.0			
14-Apr-10	19:30	Cloudy	63.9	66.4	60.8	64.0		62.3
	19:35		64.0	66.5	60.8			
	19:40		64.1	66.7	60.9			
18-Apr-10	9:40	Cloudy	64.8	65.5	62.0	64.4		62.9
	9:45		64.2	65.5	62.0			
	9:50		64.2	65.5	62.0			
20-Apr-10	19:30	Cloudy	64.1	66.4	60.1	64.1		62.4
	19:35		64.2	66.6	60.0			
	19:40		64.0	66.3	60.0			
26-Apr-10	09:30	Sunny	62.4	65.0	59.0	62.5		59.8
	09:35		62.8	66.0	59.5			
	09:40		62.2	65.0	59.0			
26-Apr-10	19:20	Cloudy	63.8	66.4	60.2	63.9		62.2
	19:25		63.9	66.5	60.3			
	19:30		64.0	66.6	60.4			

(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}
1-Apr-10	20:30	Cloudy	50.8	53.2	48.4	51.1	53.8	51.1 Measured ≤ Baseline
	20:35		51.2	53.6	48.6			
	20:40		51.4	53.8	48.8			
4-Apr-10	10:30	Cloudy	52.1	53.0	50.0	51.9		51.9 Measured ≤ Baseline
	10:35		51.8	52.5	50.5			
	10:40		51.7	52.5	50.5			
8-Apr-10	20:35	Cloudy	50.8	53.4	47.8	50.6		50.6 Measured ≤ Baseline
	20:40		50.6	53.2	47.6			
	20:45		50.5	53.2	47.5			
11-Apr-10	10:30	Cloudy	50.2	51.5	49.5	50.3		50.3 Measured ≤ Baseline
	10:35		50.5	51.5	50.0			
	10:40		50.3	51.0	49.5			
14-Apr-10	20:30	Cloudy	50.8	52.9	47.7	50.8		50.8 Measured ≤ Baseline
	20:35		50.7	52.8	47.6			
	20:40		50.8	52.8	47.8			
18-Apr-10	10:55	Cloudy	50.3	51.5	49.5	50.4		50.4 Measured ≤ Baseline
	11:00		50.6	52.0	49.5			
	11:05		50.2	51.5	49.5			
20-Apr-10	20:30	Cloudy	50.2	52.4	47.8	50.2		50.2 Measured ≤ Baseline
	20:35		50.1	52.3	47.7			
	20:40		50.2	52.3	47.9			
25-Apr-10	10:30	Sunny	51.0	53.0	49.0	51.2		51.2 Measured ≤ Baseline
	10:35		51.1	53.0	49.0			
	10:40		51.4	53.0	49.5			
26-Apr-10	20:30	Cloudy	49.8	52.5	47.2	50.0		50.0 Measured ≤ Baseline
	20:35		50.1	52.7	47.4			
	20:40		50.2	52.8	47.5			

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)				(Reference) Baseline Level	(Reference) Construction Noise Level, L _{eq}
			L _{eq}	L ₁₀	L ₉₀	Average L _{eq}	L _{eq}	
1-Apr-10	23:25	Cloudy	59.3	62.0	53.0	59.5	60.7	59.5 Measured ≤ Baseline
	23:30		59.6	62.0	53.5			
	23:35		59.6	62.0	53.0			
8-Apr-10	23:30	Cloudy	59.8	62.0	53.0	59.9		59.9 Measured ≤ Baseline
	23:35		60.2	62.0	53.0			
	23:40		59.7	62.0	53.0			
14-Apr-10	23:25	Cloudy	59.8	62.0	53.0	60.0		60.0 Measured ≤ Baseline
	23:30		60.4	62.5	53.5			
	23:35		59.7	62.0	53.5			
20-Apr-10	23:25	Cloudy	58.6	61.0	53.0	59.2		59.2 Measured ≤ Baseline
	23:30		59.3	62.0	53.5			
	23:35		59.5	62.0	53.5			
26-Apr-10	23:25	Cloudy	58.3	60.0	54.5	58.5		58.5 Measured ≤ Baseline
	23:30		58.9	61.0	54.5			
	23:35		58.4	60.0	54.5			

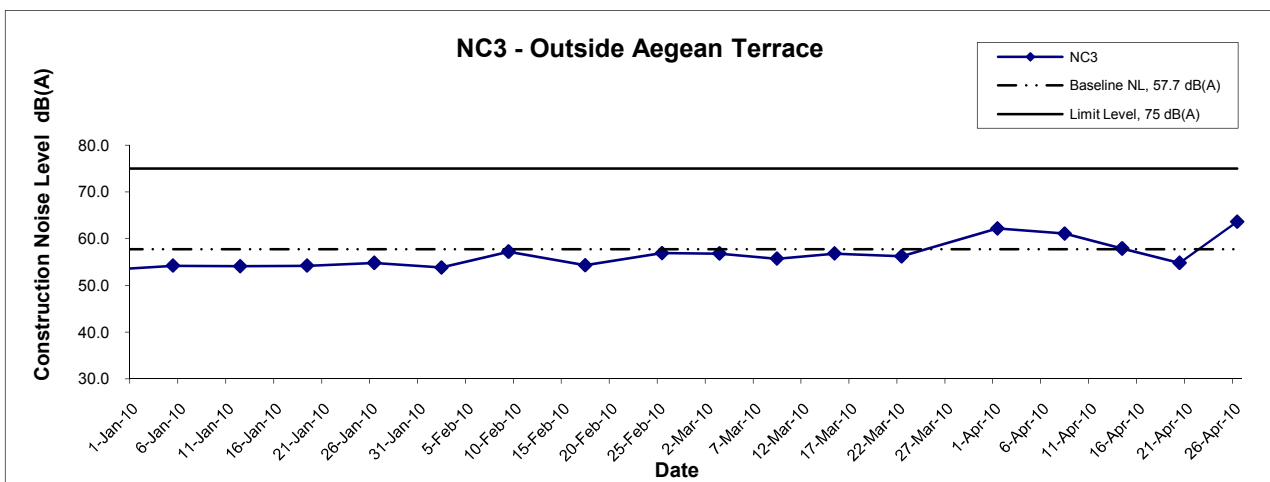
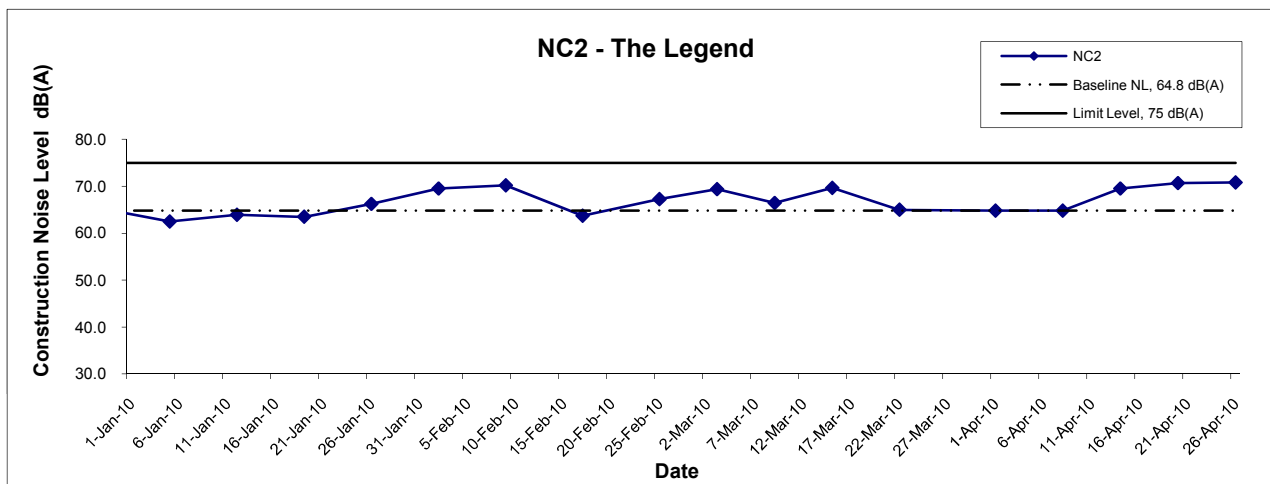
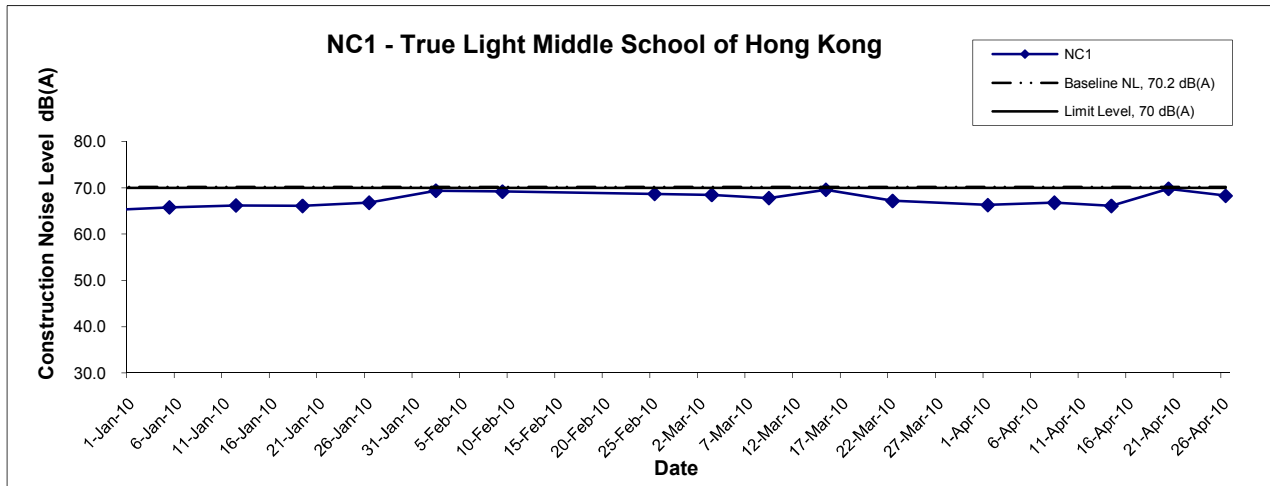
(Restricted Hours - 23:00 to 07:00 on all days)

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}
1-Apr-10	23:00	Cloudy	52.3	54.0	49.0	52.4	53.9	52.4 Measured ≤ Baseline
	23:05		52.6	54.5	49.0			
	23:10		52.3	54.5	49.0			
8-Apr-10	23:00	Cloudy	53.2	54.5	49.0	52.8		52.8 Measured ≤ Baseline
	23:05		52.5	54.0	49.5			
	23:10		52.8	54.0	49.0			
14-Apr-10	23:00	Cloudy	53.2	54.5	50.0	53.3		53.3 Measured ≤ Baseline
	23:05		53.5	54.5	49.5			
	23:10		53.2	54.5	50.0			
20-Apr-10	23:00	Cloudy	52.1	56.0	50.0	52.2		52.2 Measured ≤ Baseline
	23:05		52.2	56.0	50.0			
	23:10		52.2	56.0	50.0			
26-Apr-10	23:00	Cloudy	52.7	54.0	50.0	52.5		52.5 Measured ≤ Baseline
	23:05		52.2	54.0	50.0			
	23:10		52.6	54.0	50.0			

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

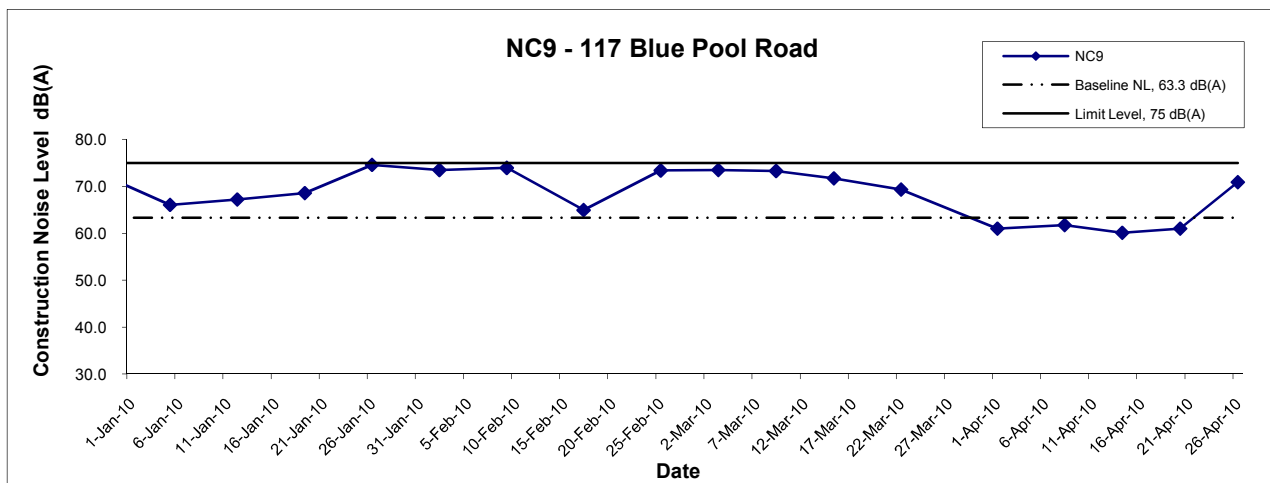
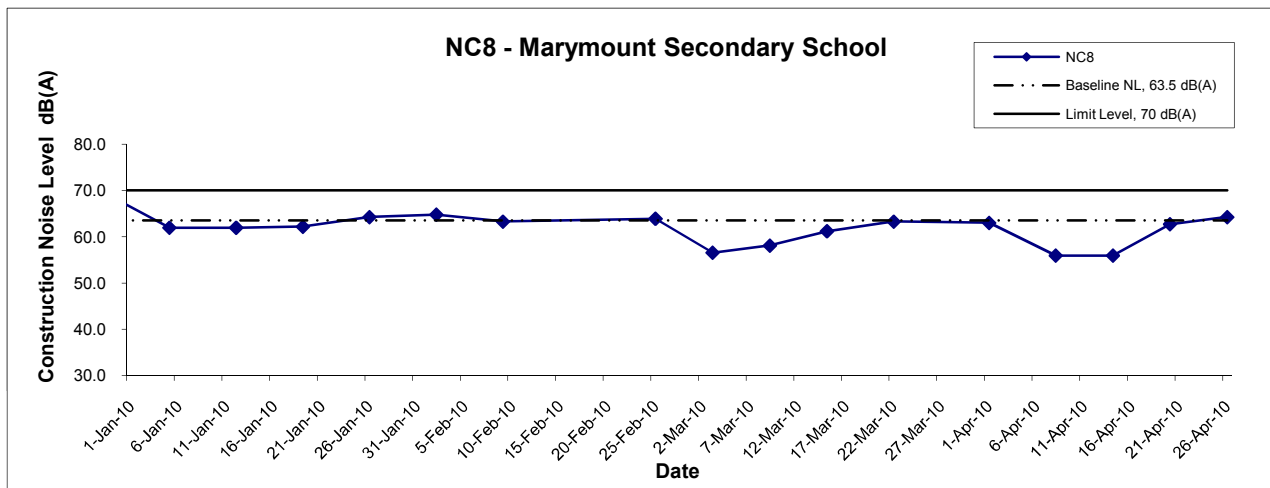
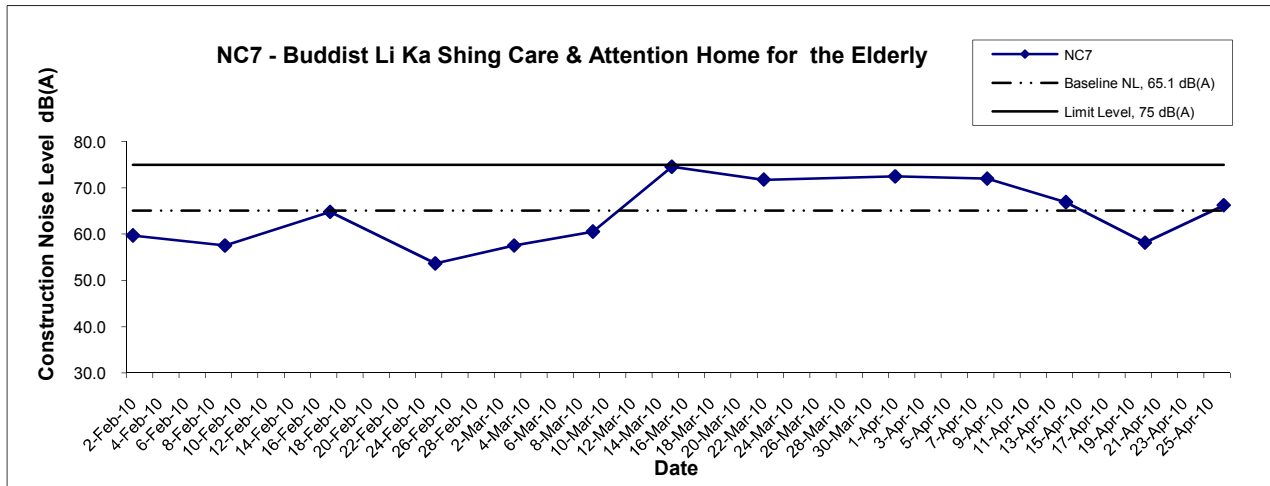
Location NC3 - Outside Aegean Terrace								
Date	Time	Weather	dB (A) (5-min)				Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	Average L _{eq}	L _{eq}	L _{eq}
2-Apr-10	00:15	Cloudy	49.2	50.0	48.5	49.2	52.0	49.2 Measured ≤ Baseline
	00:20		49.3	50.0	48.5			
	00:25		49.2	50.0	48.5			
9-Apr-10	00:20	Cloudy	49.8	51.0	49.0	49.8		49.8 Measured ≤ Baseline
	00:25		50.0	51.0	49.0			
	00:30		49.6	51.0	49.0			
15-Apr-10	00:15	Cloudy	49.9	51.0	49.0	49.9		49.9 Measured ≤ Baseline
	00:20		49.8	51.0	49.0			
	00:25		50.1	51.0	49.0			
21-Apr-10	00:10	Cloudy	48.0	51.0	46.0	48.2		48.2 Measured ≤ Baseline
	00:15		48.6	51.0	46.5			
	00:20		48.1	51.0	46.0			
27-Apr-10	00:15	Cloudy	49.4	51.0	47.0	49.3		49.3 Measured ≤ Baseline
	00:20		49.3	51.0	47.0			
	00:25		49.3	51.0	47.0			

Noise Levels



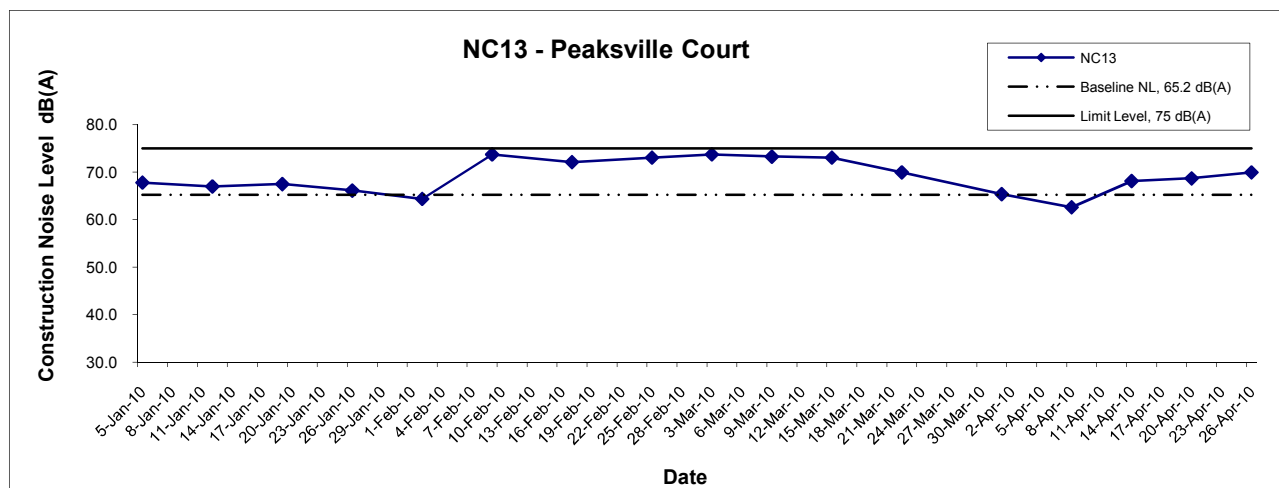
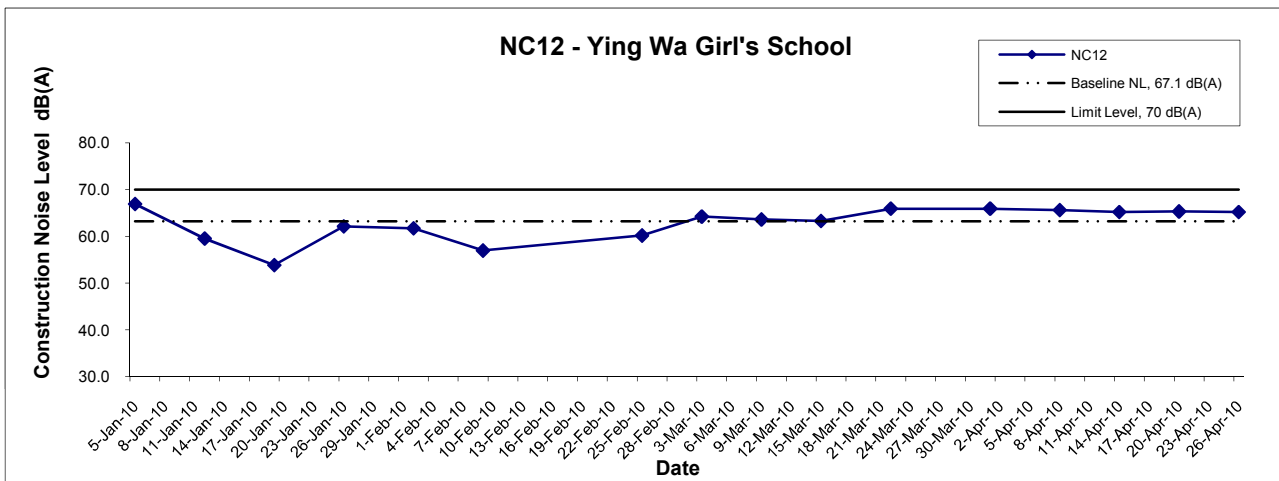
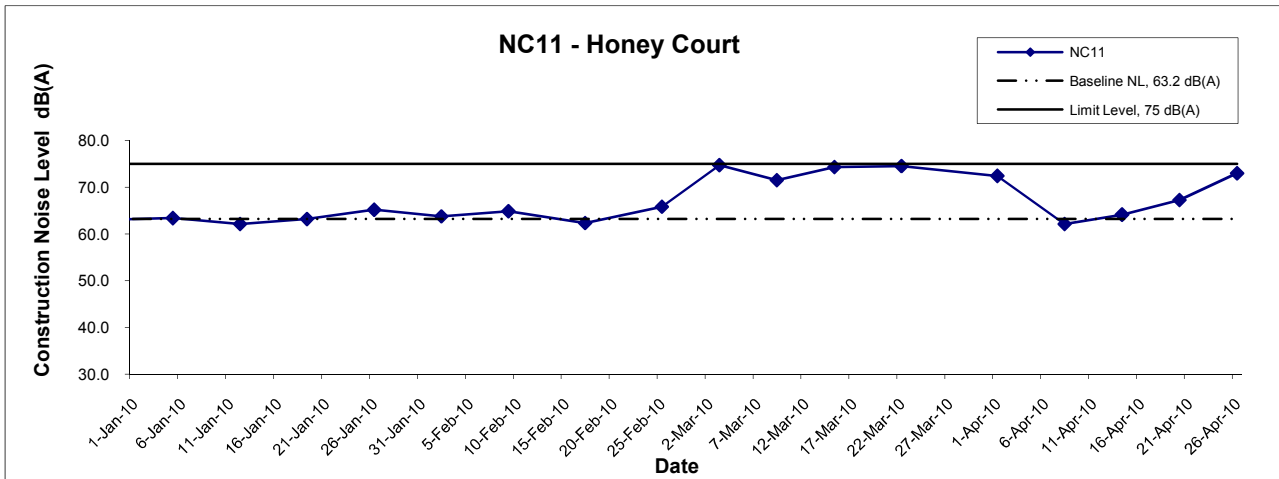
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Construction Noise Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Apr 10	Appendix G	

Noise Levels



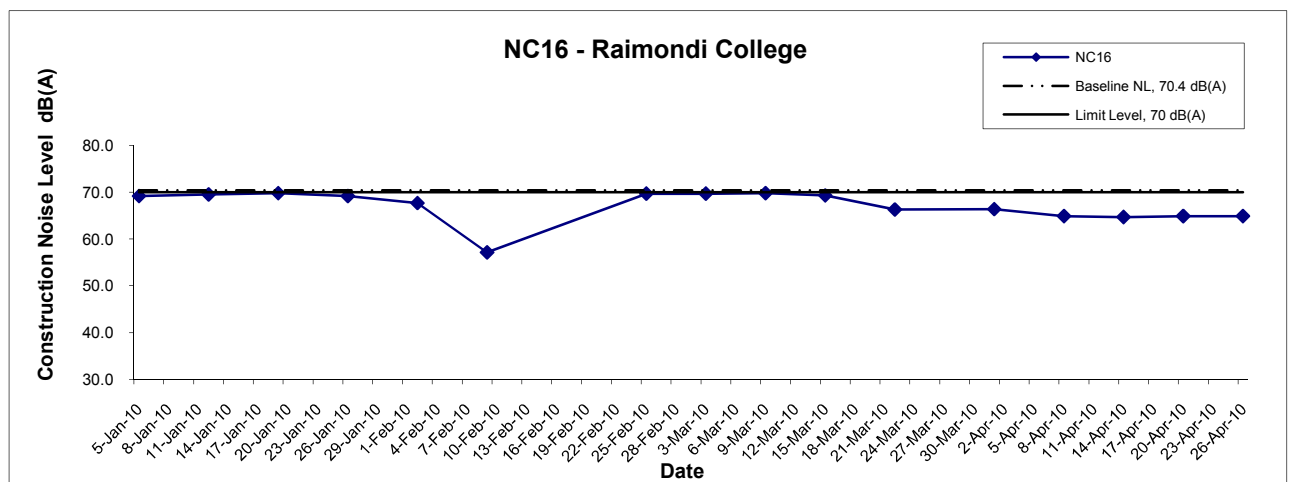
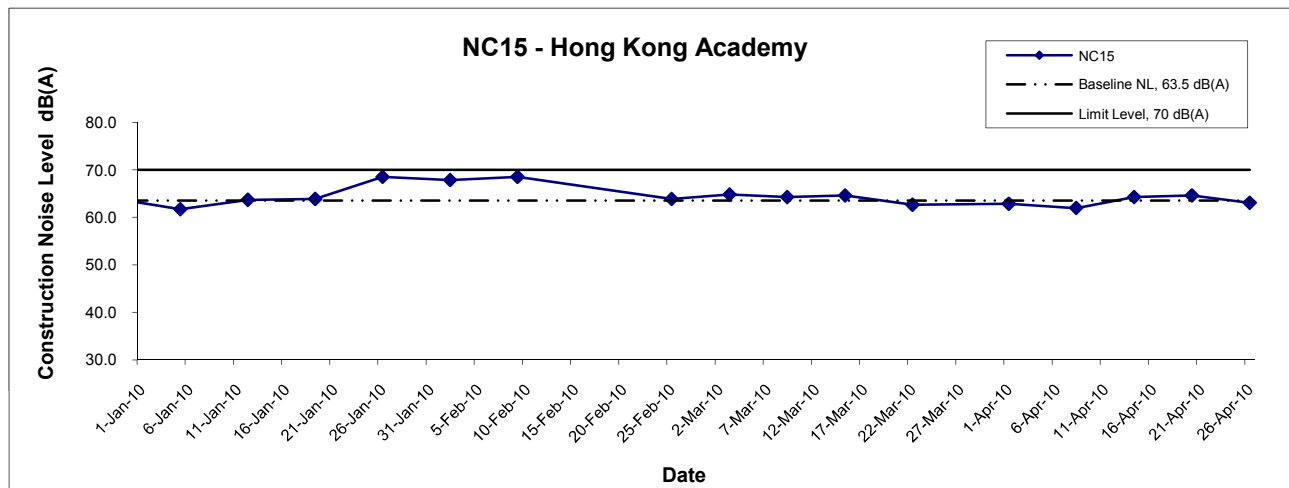
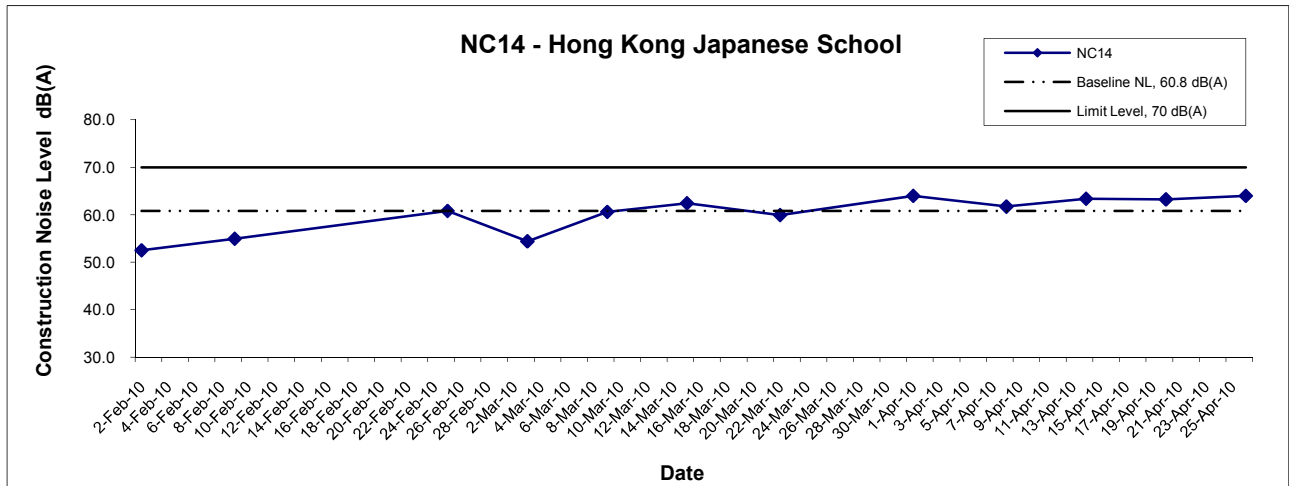
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Construction Noise Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Apr 10	Appendix G	

Noise Levels



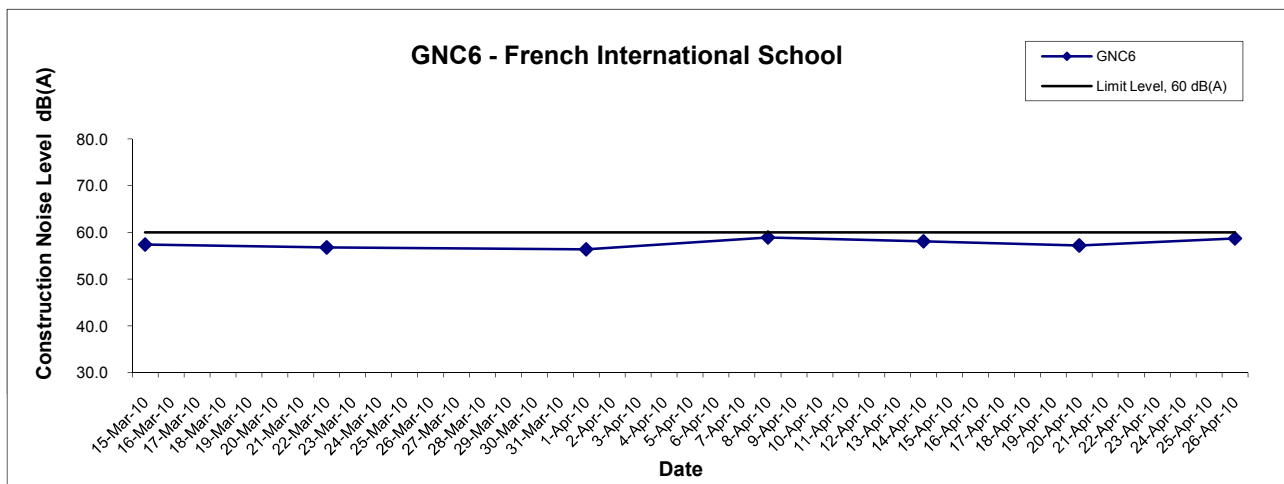
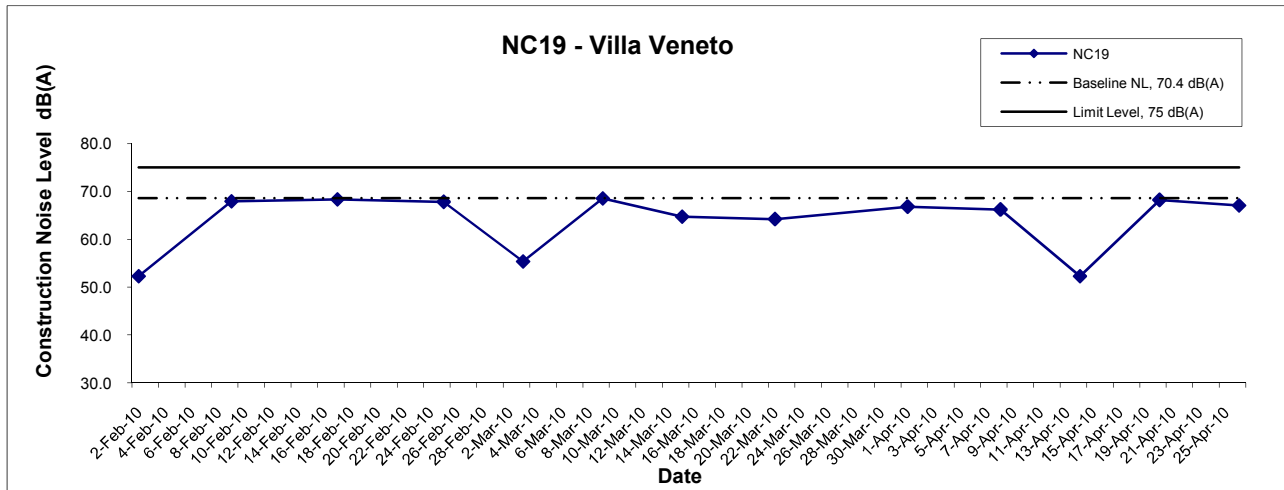
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Construction Noise Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Apr 10	Appendix G	

Noise Levels



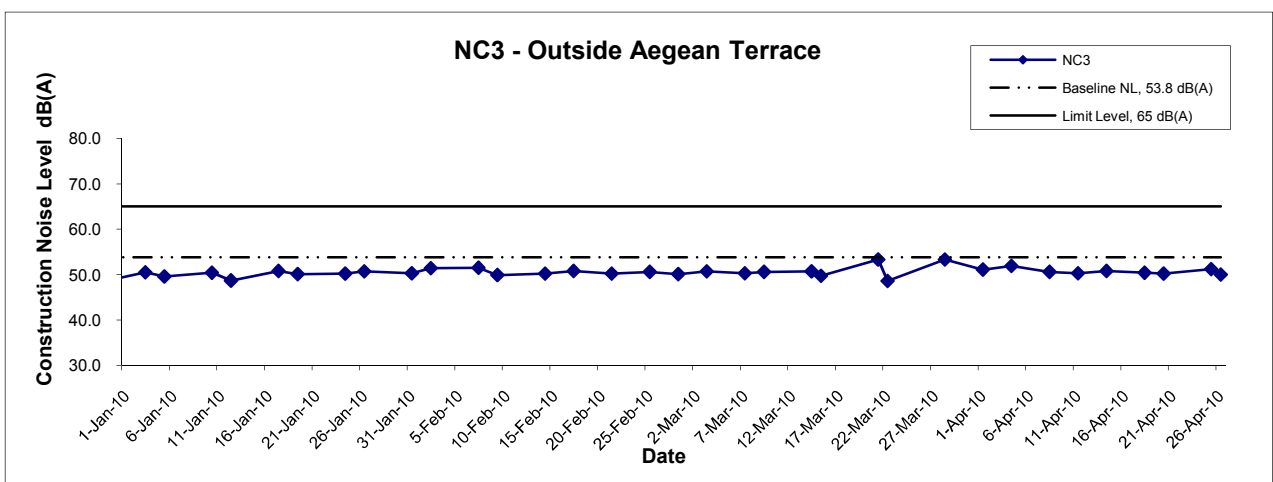
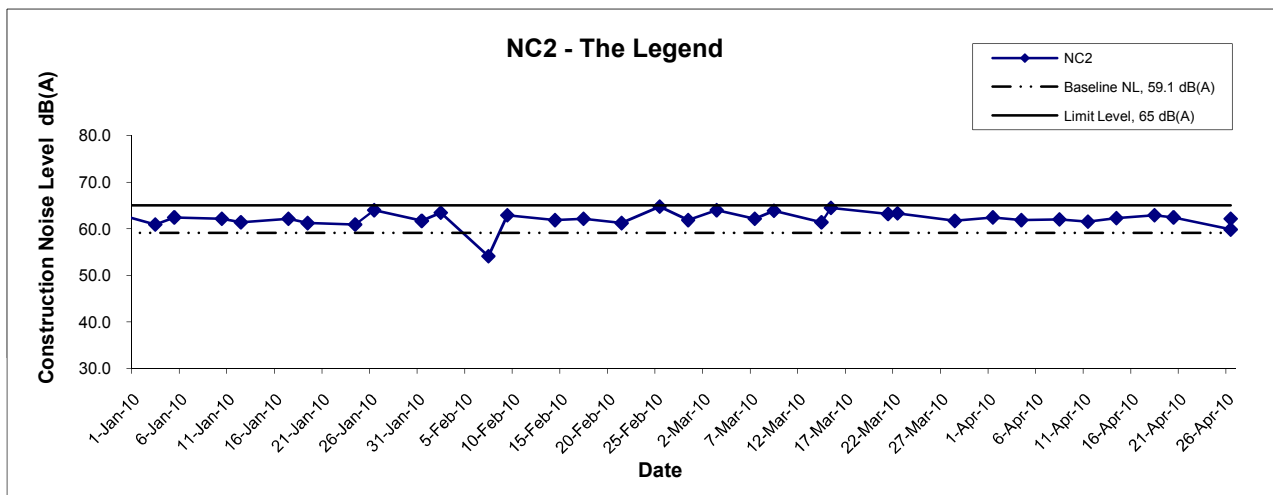
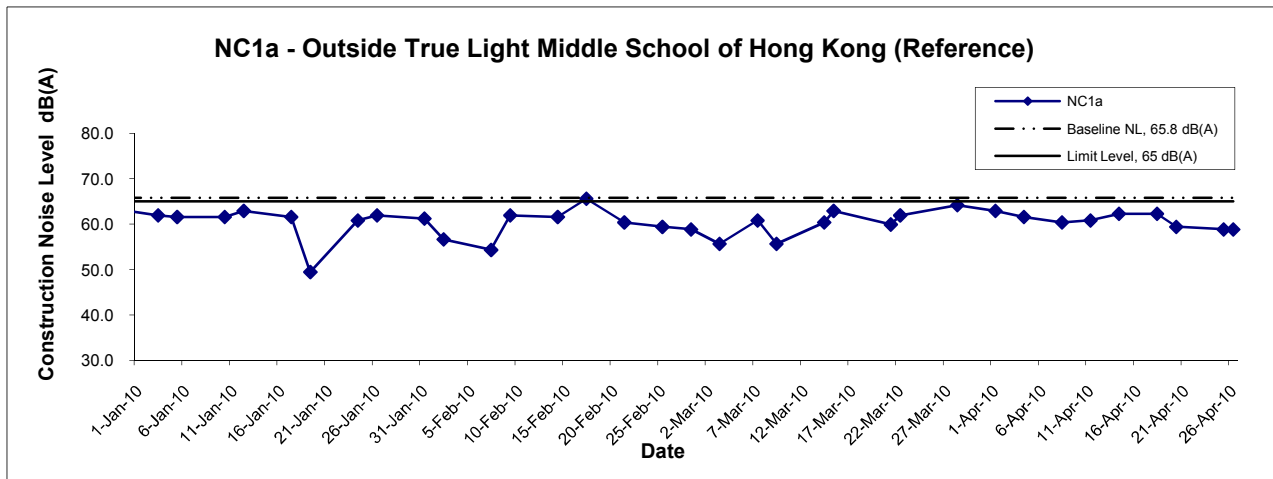
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Construction Noise Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Apr 10	Appendix G	

Noise Levels



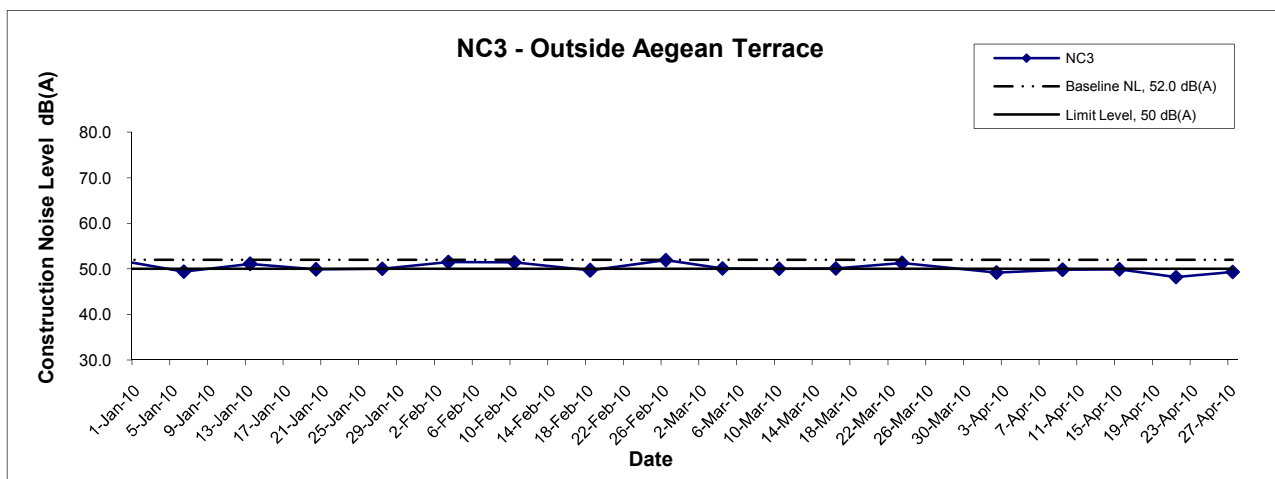
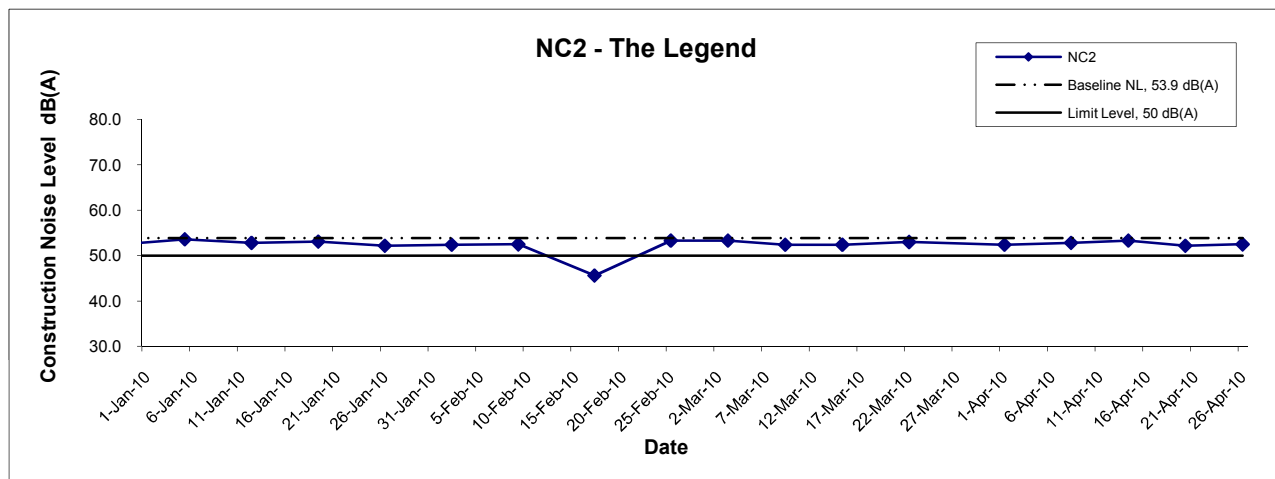
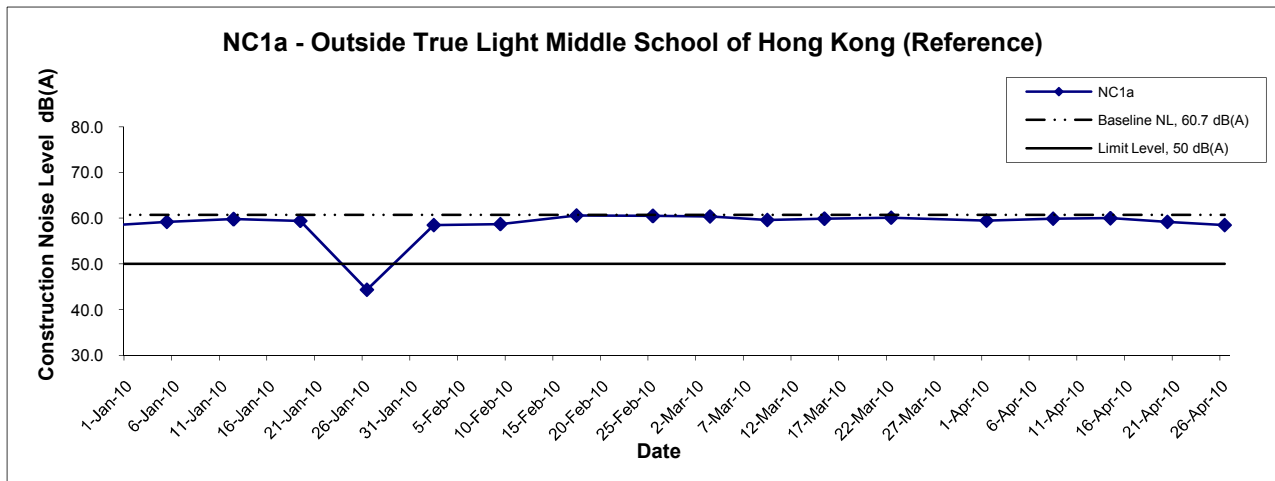
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Construction Noise Monitoring Results	Scale N.T.S	Project No. MA8001	CINOTECH
	Date Apr 10	Appendix G	

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



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

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	
	Date Apr 10	Appendix G	