

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}
8-Jun-10	13:40	Sunny	65.1	67.9	62.6	70.2	65.1 Measured ≤ Baseline
18-Jun-10	13:40	Sunny	68.4	70.6	65.6		68.4 Measured ≤ Baseline
22-Jun-10	8:00	Cloudy	64.8	67.6	62.0		64.8 Measured ≤ Baseline
29-Jun-10	9:00	Cloudy	65.8	67.5	63.0		65.8 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}
8-Jun-10	14:30	Sunny	68.2	70.9	64.3	64.8	65.5
18-Jun-10	14:30	Sunny	68.9	71.2	65.4		66.8
22-Jun-10	8:45	Sunny	67.9	70.2	63.7		65.0
29-Jun-10	9:45	Cloudy	65.2	67.0	62.5		54.6

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}
8-Jun-10	8:45	Cloudy	58.9	62.3	55.2	57.7	52.7
18-Jun-10	8:45	Sunny	61.6	63.2	56.4		59.3
22-Jun-10	11:20	Sunny	64.8	67.2	60.9		63.9
29-Jun-10	11:20	Cloudy	55.9	57.5	50.5		55.9 Measured ≤ Baseline

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}
8-Jun-10	11:30	Sunny	68.4	71.3	64.7	65.1	65.7
18-Jun-10	11:30	Sunny	68.6	71.0	63.8		66.0
22-Jun-10	9:40	Sunny	71.8	73.9	65.2		70.8
29-Jun-10	13:00	Cloudy	68.8	72.0	64.5		66.4

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}
8-Jun-10	13:35	Sunny	63.7	66.4	58.9	63.5	50.2
18-Jun-10	13:35	Sunny	64.7	66.5	60.2		58.5
22-Jun-10	13:00	Sunny	63.6	65.9	58.7		47.2
28-Jun-10	13:10	Cloudy	63.9	66.5	58.8		53.3

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}
8-Jun-10	13:00	Sunny	67.8	70.6	63.8	63.3	65.9
18-Jun-10	13:00	Sunny	69.5	71.8	65.2		68.3
22-Jun-10	13:40	Sunny	67.9	70.7	63.0		66.1
29-Jun-10	14:05	Cloudy	67.3	71.5	64.0		65.1

Appendix G - Noise Monitoring Results

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}
8-Jun-10	8:00	Cloudy	64.2	66.4	61.2	63.2	57.3
18-Jun-10	8:00	Sunny	65.2	67.0	60.0		60.9
22-Jun-10	10:30	Sunny	67.2	69.9	63.9		65.0
28-Jun-10	8:10	Cloudy	65.2	68.0	62.0		60.9

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}
8-Jun-10	14:35	Sunny	64.8	67.5	60.8	67.1	64.8 Measured ≤ Baseline
18-Jun-10	14:35	Sunny	66.2	68.5	62.1		66.2 Measured ≤ Baseline
22-Jun-10	16:15	Sunny	64.2	66.9	60.9		64.2 Measured ≤ Baseline
28-Jun-10	16:00	Cloudy	64.6	67.3	59.8		64.6 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}
8-Jun-10	15:15	Sunny	66.2	68.9	62.0	65.2	59.3
18-Jun-10	15:15	Sunny	65.2	67.3	61.8		65.2 Measured ≤ Baseline
22-Jun-10	15:30	Sunny	66.8	69.4	62.6		61.7
28-Jun-10	14:10	Cloudy	67.6	70.2	63.0		63.9

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}
8-Jun-10	10:10	Sunny	64.9	67.7	60.8	60.8	62.8
18-Jun-10	10:10	Sunny	65.4	68.1	61.0		63.6
22-Jun-10	15:10	Sunny	64.3	66.7	58.9		61.7
28-Jun-10	9:50	Cloudy	64.8	67.6	60.3		62.6

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}
8-Jun-10	15:40	Sunny	66.6	69.8	62.5	63.5	63.7
18-Jun-10	15:40	Sunny	67.0	69.2	63.6		64.4
22-Jun-10	13:45	Sunny	66.8	69.5	62.8		64.1
29-Jun-10	15:00	Cloudy	66.4	70.0	64.0		63.3

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}
8-Jun-10	15:55	Sunny	63.8	66.4	59.7	70.4	63.8 Measured ≤ Baseline
18-Jun-10	15:55	Sunny	64.3	66.8	60.0		64.3 Measured ≤ Baseline
22-Jun-10	14:50	Sunny	63.1	65.2	56.8		63.1 Measured ≤ Baseline
28-Jun-10	16:40	Cloudy	64.0	66.6	57.8		64.0 Measured ≤ Baseline

Appendix G - Noise Monitoring Results

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}
8-Jun-10	16:40	Cloudy	67.1	69.6	63.6	66.0	60.6
18-Jun-10	16:40	Sunny	67.5	70.2	64.5		62.2
22-Jun-10	16:45	Sunny	67.2	69.6	62.8		61.0
28-Jun-10	17:30	Cloudy	67.8	70.5	63.2		63.1

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}
8-Jun-10	17:20	Cloudy	71.0	74.6	66.3	64.8	69.8
18-Jun-10	17:20	Sunny	68.5	70.3	63.8		66.2
22-Jun-10	17:25	Sunny	71.3	74.4	65.8		70.2
28-Jun-10	18:10	Cloudy	71.0	73.9	66.3		69.8

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}
8-Jun-10	9:30	Cloudy	66.2	68.8	62.3	68.6	66.2 Measured $\leq$ Baseline
18-Jun-10	9:30	Sunny	65.8	68.5	62.5		65.8 Measured $\leq$ Baseline
22-Jun-10	14:30	Sunny	66.1	68.7	60.3		66.1 Measured $\leq$ Baseline
28-Jun-10	9:05	Cloudy	66.3	68.9	61.8		66.3 Measured $\leq$ Baseline

Location GNC6 - French International School						
Date	Time	Weather	Unit: dB (A) (30-min)			
			Measured Noise Level			
			L _{eq}	L ₁₀	L ₉₀	
8-Jun-10	10:50	Cloudy	57.2	63.4	54.8	
18-Jun-10	10:50	Sunny	56.8	62.8	52.5	
22-Jun-10	15:50	Sunny	54.6	64.0	52.3	
28-Jun-10	10:30	Cloudy	57.2	63.7	55.9	

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}	
6-Jun-10	9:15	Cloudy	67.6	68.5	63.5	67.8	65.8	63.5
	9:20		67.9	69.0	64.0			
	9:25		67.9	69.0	64.0			
8-Jun-10	19:30	Cloudy	66.8	69.3	63.4	66.7		59.4
	19:35		66.6	69.1	63.2			
	19:40		66.7	69.2	63.2			
13-Jun-10	9:00	Cloudy	67.2	69.0	63.0	67.2		61.6
	9:05		67.8	69.0	63.5			
	9:10		67.4	69.0	63.0			
18-Jun-10	19:45	Cloudy	66.8	68.2	62.2	66.9		60.4
	19:50		67.4	68.5	62.6			
	19:55		66.6	68.0	62.5			
20-Jun-10	9:20	Cloudy	66.2	68.5	63.5	67.1		61.2
	9:25		67.6	69.0	63.0			
	9:30		67.3	69.0	63.0			
22-Jun-10	19:00	Cloudy	67.6	69.8	63.2	67.4		62.3
	19:05		67.3	69.5	63.0			
	19:10		67.4	69.6	63.0			
27-Jun-10	9:05	Cloudy	67.2	69.0	63.5	67.4		62.3
	9:10		67.7	69.5	64.0			
	9:15		67.3	69.0	64.0			
28-Jun-10	19:00	Cloudy	66.8	69.6	62.7	67.0		60.8
	19:05		67.1	69.8	62.9			
	19:10		67.2	69.9	63.1			

(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}
6-Jun-10	9:40	Cloudy	64.8	66.5	63.0	65.1	59.1	63.8
	9:45		65.4	66.5	63.0			
	9:50		65.2	66.5	63.0			
8-Jun-10	20:00	Cloudy	63.4	65.6	59.8	63.6		61.7
	20:05		63.7	65.8	60.0			
	20:10		63.6	65.7	60.0			
13-Jun-10	9:30	Cloudy	64.8	66.0	62.5	64.6		63.2
	9:35		64.7	66.0	63.0			
	18:40		64.2	66.0	63.0			
18-Jun-10	20:10	Cloudy	64.2	65.8	61.5	64.0		62.3
	20:15		63.8	65.5	60.5			
	20:20		64.0	65.8	61.0			
20-Jun-10	9:50	Cloudy	65.2	66.5	62.5	65.5		64.4
	9:55		65.9	67.0	63.0			
	10:00		65.3	67.0	63.0			
22-Jun-10	19:55	Cloudy	64.7	67.0	60.9	64.6		63.2
	20:00		64.5	66.7	60.7			
	20:05		64.6	66.8	60.9			
27-Jun-10	9:45	Cloudy	64.8	65.5	63.0	65.0		63.7
	9:50		65.2	66.5	63.0			
	9:55		65.1	66.5	63.0			
28-Jun-10	19:35	Cloudy	64.8	67.2	60.2	64.7		63.3
	19:40		64.5	67.0	60.0			
	19:45		64.7	67.1	60.1			

(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}
6-Jun-10	10:35	Cloudy	50.7	52.0	50.0	51.1	53.8	51.1 Measured ≤ Baseline
	10:40		51.4	53.0	50.0			
	10:45		51.1	53.0	50.0			
8-Jun-10	20:50	Cloudy	52.1	54.4	49.7	52.3		52.3 Measured ≤ Baseline
	20:55		52.3	54.6	49.9			
	21:00		52.4	54.8	50.0			
13-Jun-10	10:45	Cloudy	52.2	53.5	50.0	52.8		52.8 Measured ≤ Baseline
	10:50		53.1	54.5	50.0			
	10:55		53.0	54.5	50.5			
18-Jun-10	21:05	Cloudy	55.6	57.0	54.2	55.8		51.5
	21:10		55.8	57.6	54.5			
	21:15		56.0	57.8	54.0			
20-Jun-10	11:00	Cloudy	52.6	54.0	50.0	52.4		52.4 Measured ≤ Baseline
	11:05		52.3	53.5	50.0			
	11:10		52.3	53.5	50.0			
22-Jun-10	8:30	Cloudy	54.2	56.2	50.8	54.0		40.5
	8:35		54.1	56.0	50.7			
	8:40		53.8	55.8	50.5			
27-Jun-10	11:20	Cloudy	52.3	54.0	50.5	52.4		52.4 Measured ≤ Baseline
	11:25		52.5	54.0	50.5			
	11:30		52.5	54.5	50.5			
28-Jun-10	20:30	Cloudy	52.6	54.7	48.6	52.6		52.6 Measured ≤ Baseline
	20:35		52.7	54.9	48.7			
	20:40		52.5	54.6	48.6			

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}	
8-Jun-10	23:25	Cloudy	58.8	62.0	54.5	59.0	60.7	59.0 Measured ≤ Baseline
	23:30		58.9	62.0	55.0			
	23:35		59.3	61.5	54.5			
18-Jun-10	23:25	Cloudy	58.6	63.0	53.5	59.1		59.1 Measured ≤ Baseline
	23:30		59.2	63.0	53.0			
	23:35		59.4	62.5	53.5			
22-Jun-10	23:25	Cloudy	59.2	62.0	53.0	59.1		59.1 Measured ≤ Baseline
	23:30		59.1	62.5	53.5			
	23:35		59.1	62.0	53.5			
28-Jun-10	23:25	Cloudy	58.8	63.0	53.0	59.1		59.1 Measured ≤ Baseline
	23:30		59.3	63.0	53.5			
	23:35		59.2	62.5	53.5			

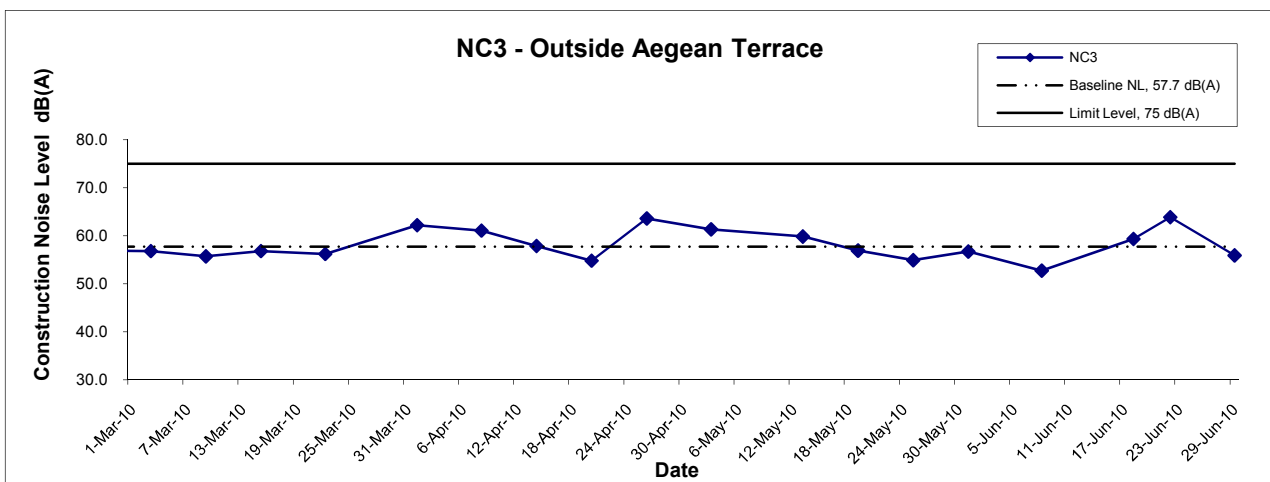
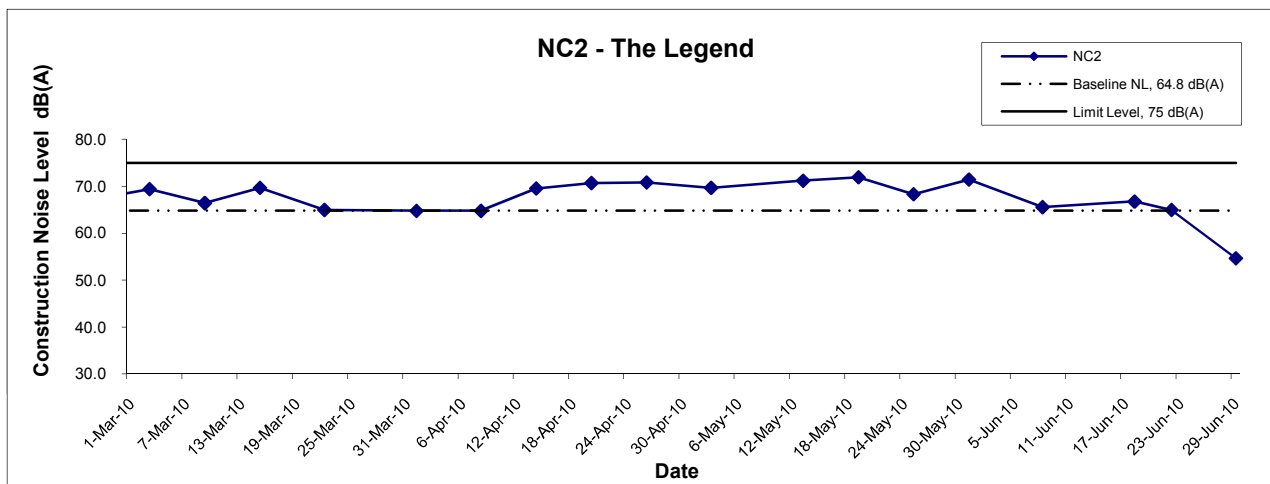
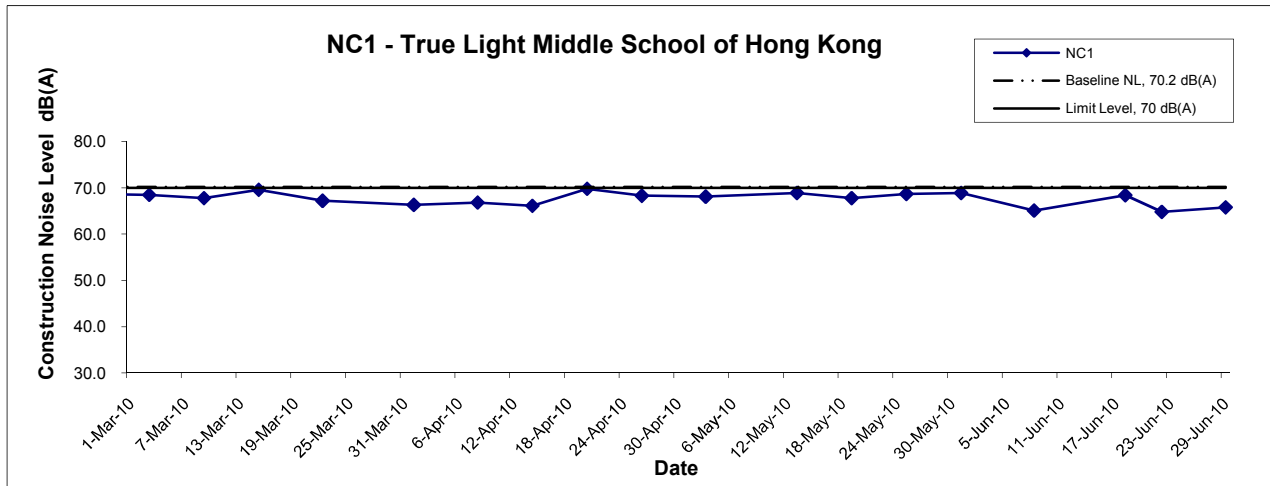
(Restricted Hours - 23:00 to 07:00 on all days)

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}
8-Jun-10	23:00	Cloudy	52.7	54.5	50.5	52.8	53.9	52.8 Measured ≤ Baseline
	23:05		53.1	54.5	50.0			
	23:10		52.6	54.5	50.5			
18-Jun-10	23:00	Cloudy	53.2	55.0	49.5	53.3		53.3 Measured ≤ Baseline
	23:05		53.4	54.5	49.5			
	23:10		53.2	55.0	50.0			
22-Jun-10	23:00	Cloudy	52.4	54.0	50.0	52.4		52.4 Measured ≤ Baseline
	23:05		52.3	54.0	50.5			
	23:10		52.4	54.0	50.0			
28-Jun-10	23:00	Cloudy	52.7	54.5	49.5	52.5		52.5 Measured ≤ Baseline
	23:05		52.4	54.5	50.0			
	23:10		52.5	55.0	50.0			

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

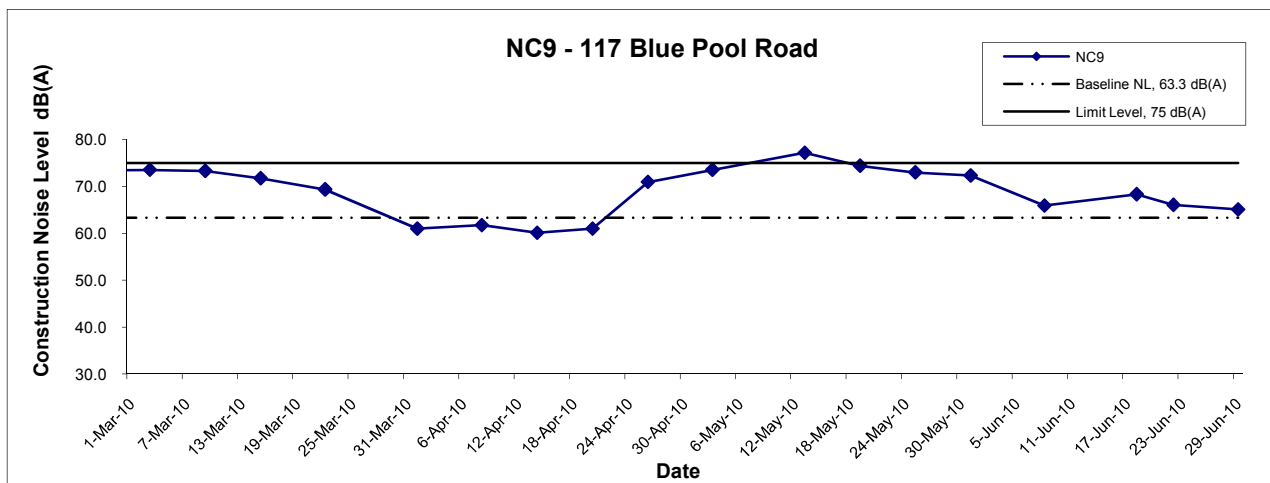
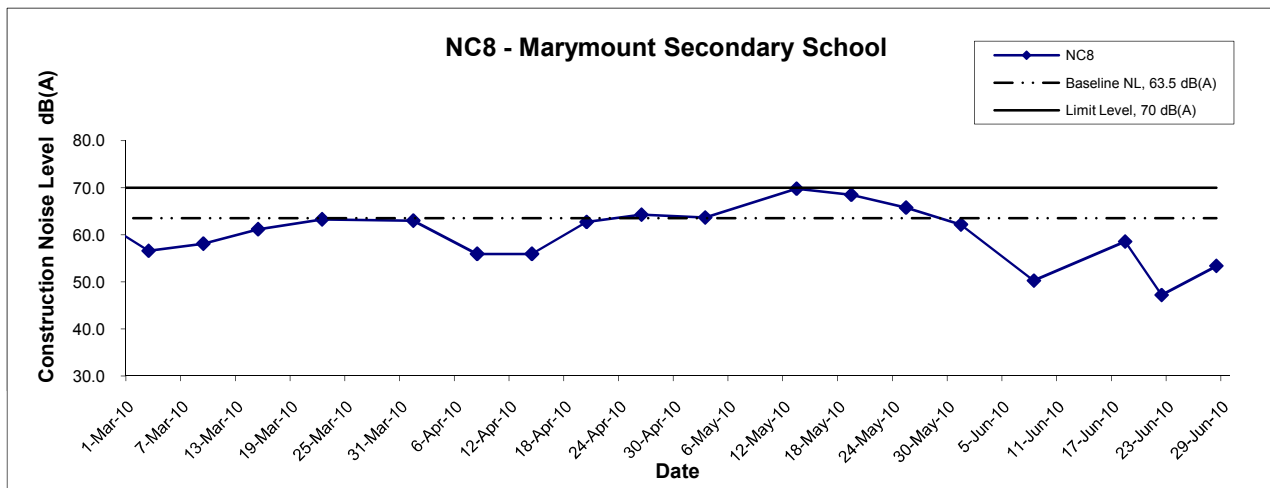
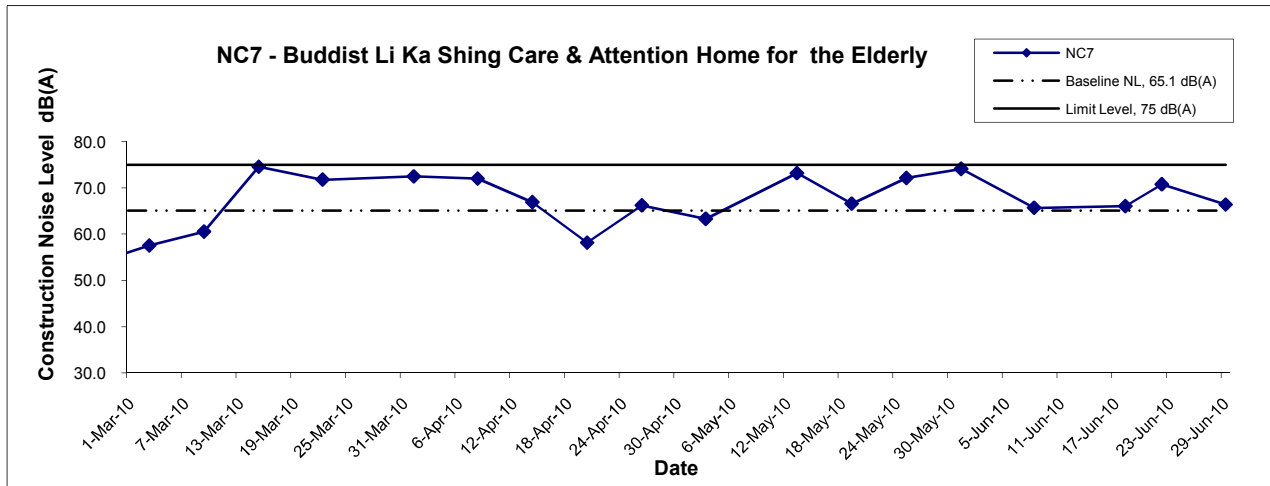
Location NC3 - Outside Aegean Terrace								
Date	Time	Weather	dB (A) (5-min)				Baseline Level	Construction Noise Level
			L _{eq}	L ₁₀	L ₉₀	Average L _{eq}	L _{eq}	L _{eq}
9-Jun-10	00:20	Cloudy	49.8	50.5	49.0	49.7	52.0	49.7 Measured ≤ Baseline
	00:25		50.0	51.0	49.0			
	00:30		49.3	50.5	48.5			
19-Jun-10	00:20	Cloudy	49.1	50.0	48.5	49.2		49.2 Measured ≤ Baseline
	00:25		49.3	50.0	48.5			
	00:30		49.1	50.0	48.5			
23-Jun-10	00:25	Cloudy	49.3	50.5	48.5	49.4		49.4 Measured ≤ Baseline
	00:30		49.5	50.5	49.0			
	00:35		49.5	50.5	49.0			
29-Jun-10	00:30	Cloudy	50.3	51.0	49.5	50.3		50.3 Measured ≤ Baseline
	00:35		50.1	51.0	49.5			
	00:40		50.4	51.0	49.5			

Noise Levels



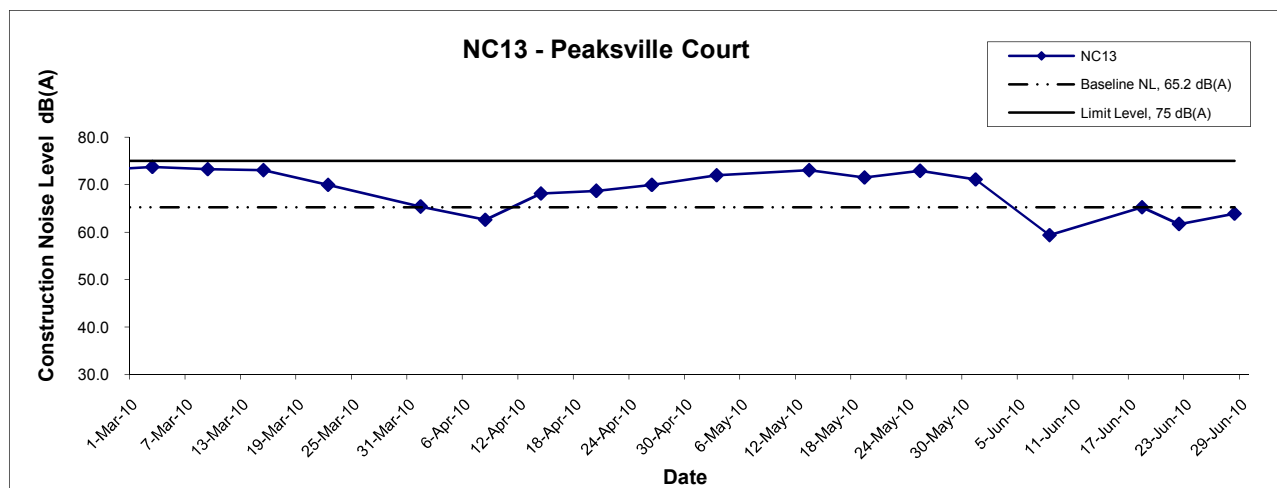
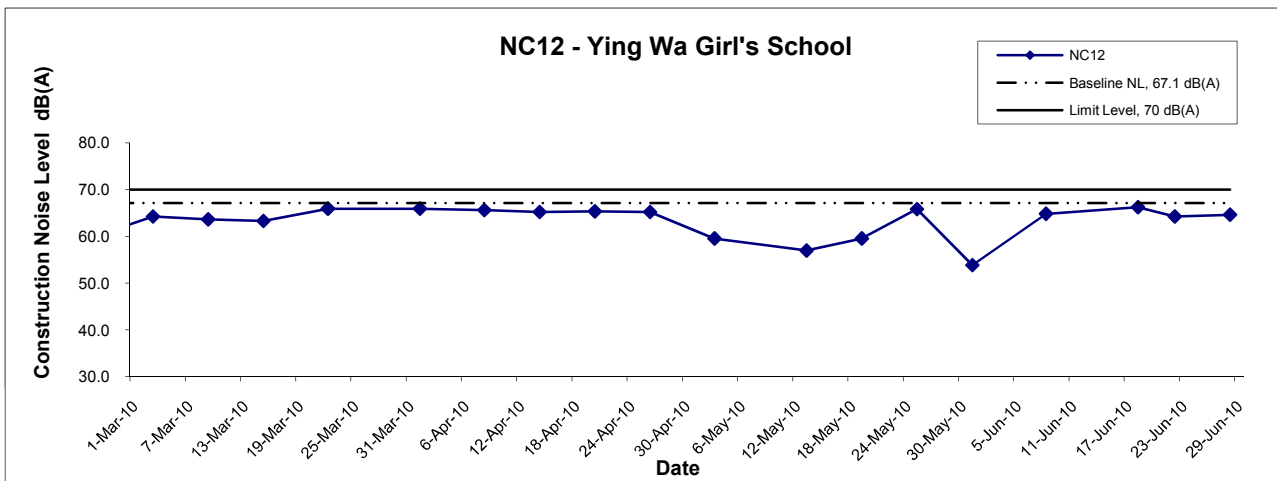
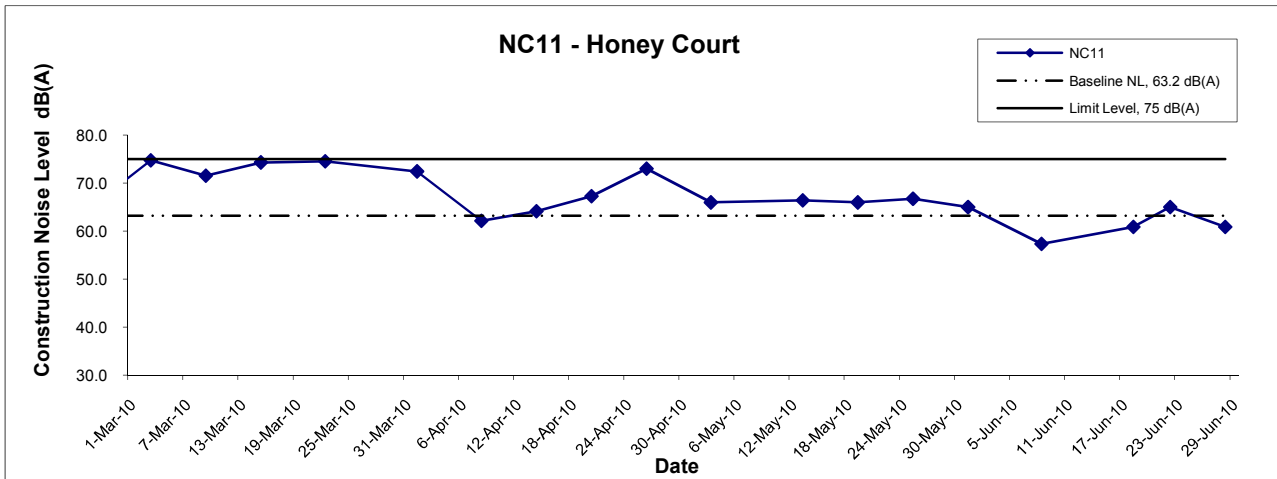
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Construction Noise Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Jun 10	Appendix G	

Noise Levels



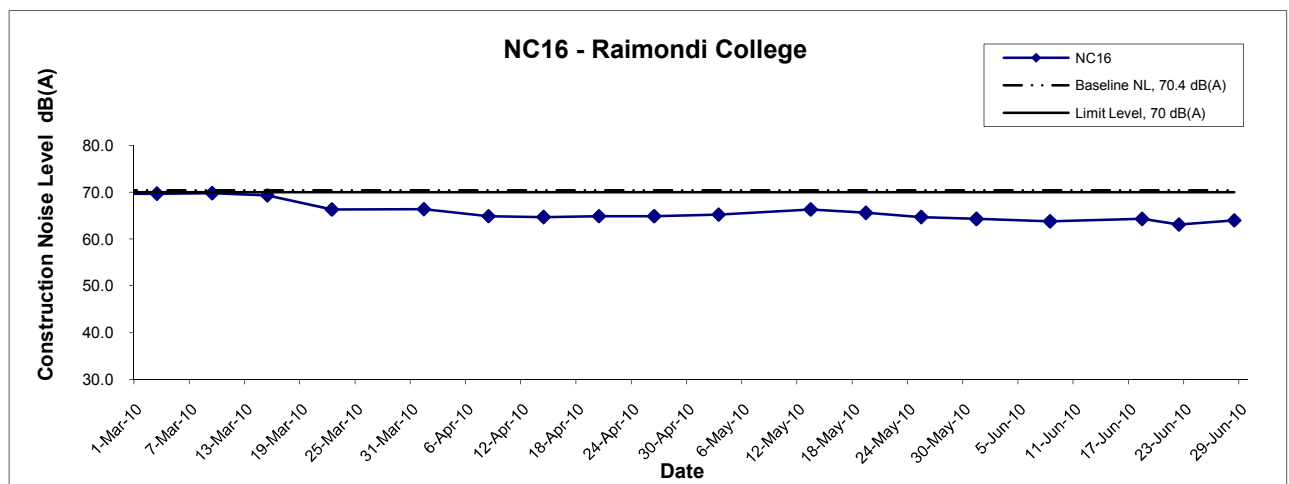
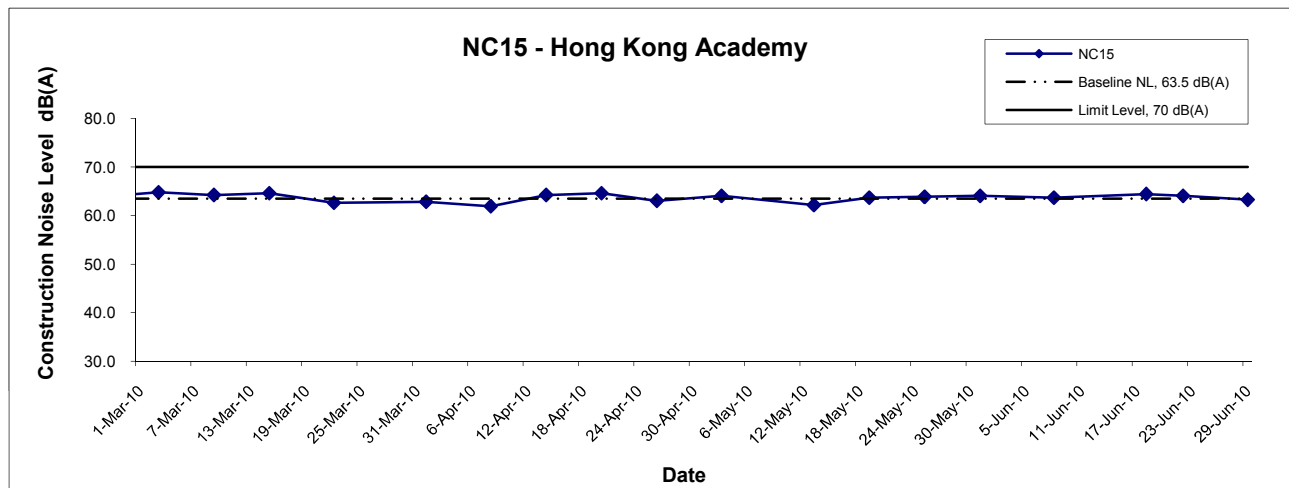
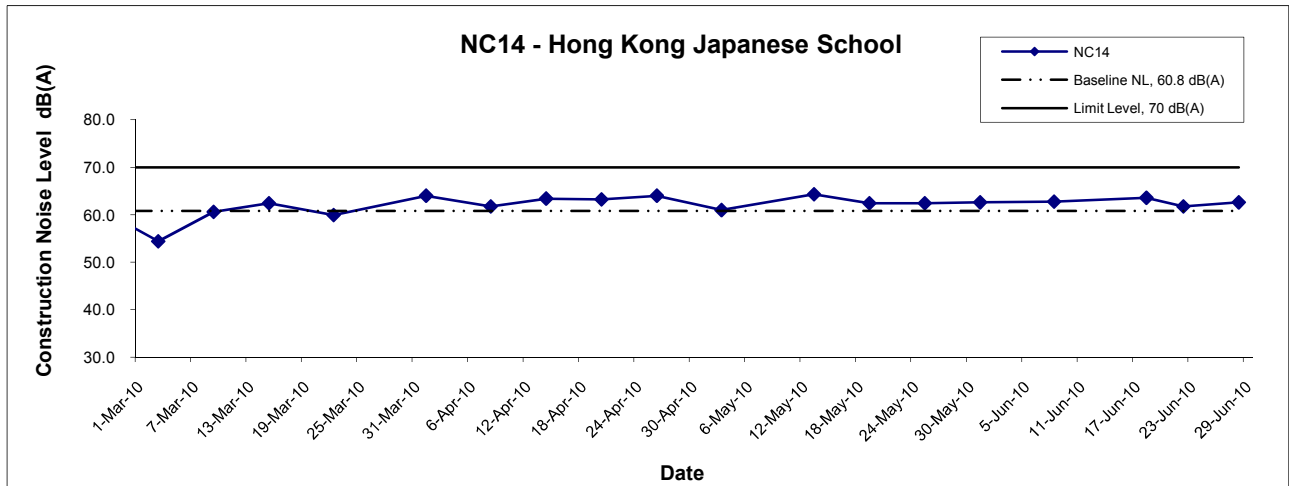
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	Date Jun 10	Appendix G	

Noise Levels



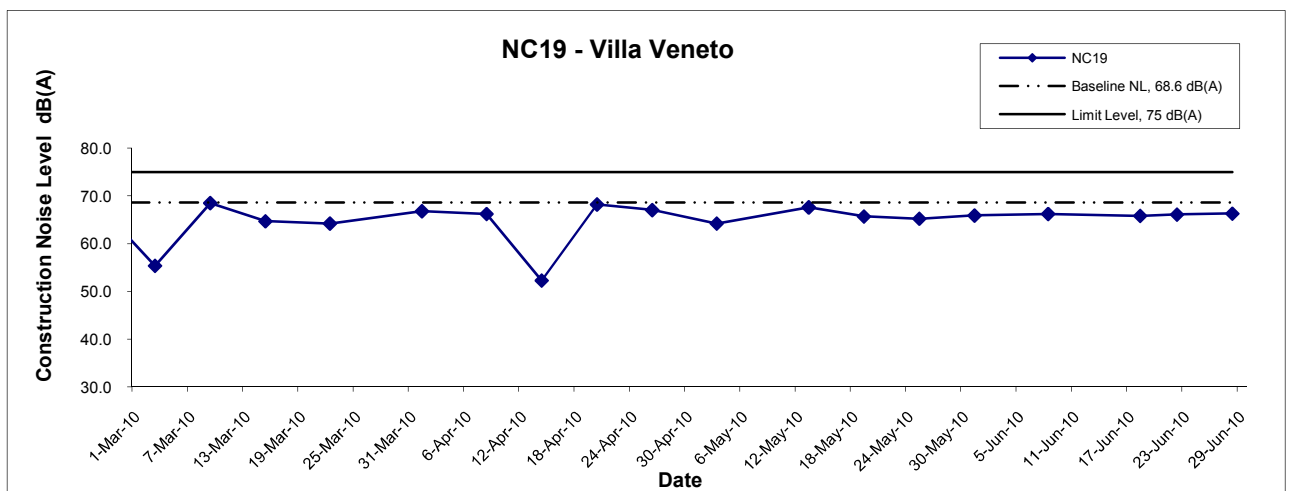
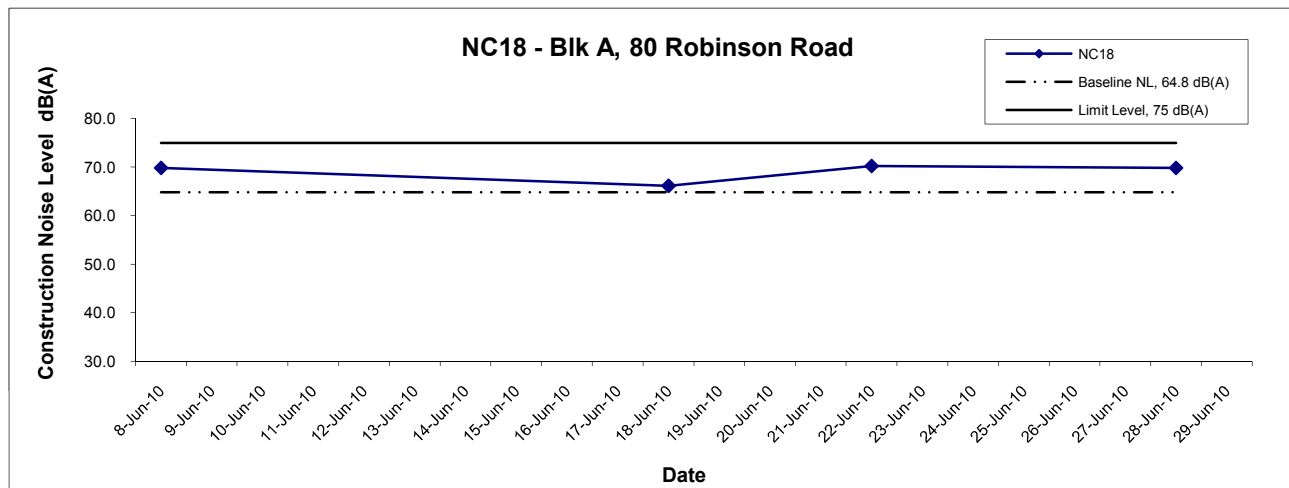
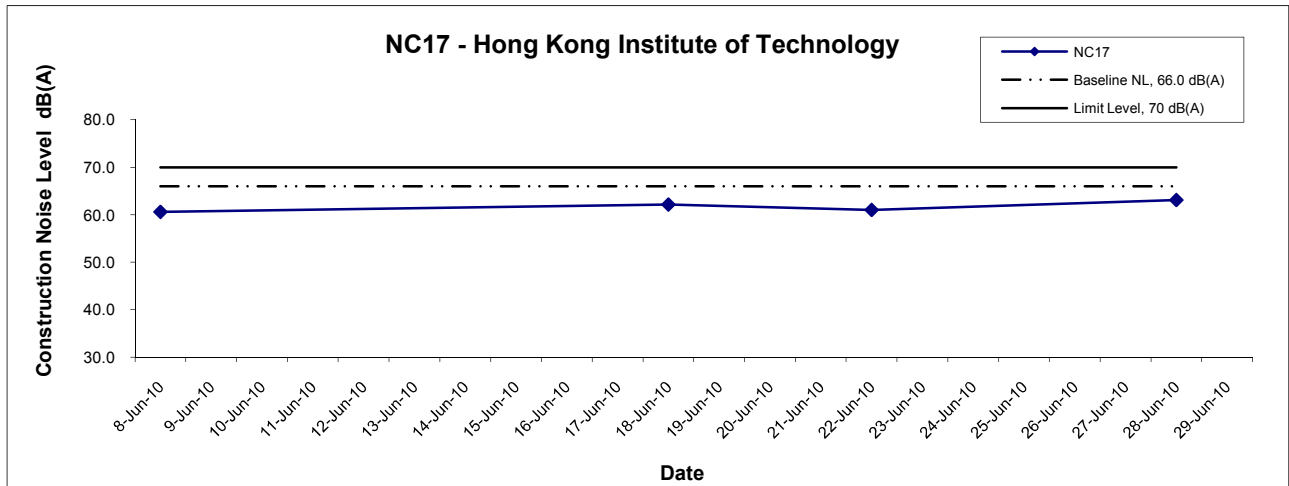
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	Design and Construction of Hong Kong West Drainage Tunnel	N.T.S	MA8001	
Graphical Presentation of Construction Noise Monitoring Results		Date	Appendix	
		Jun 10	G	

Noise Levels



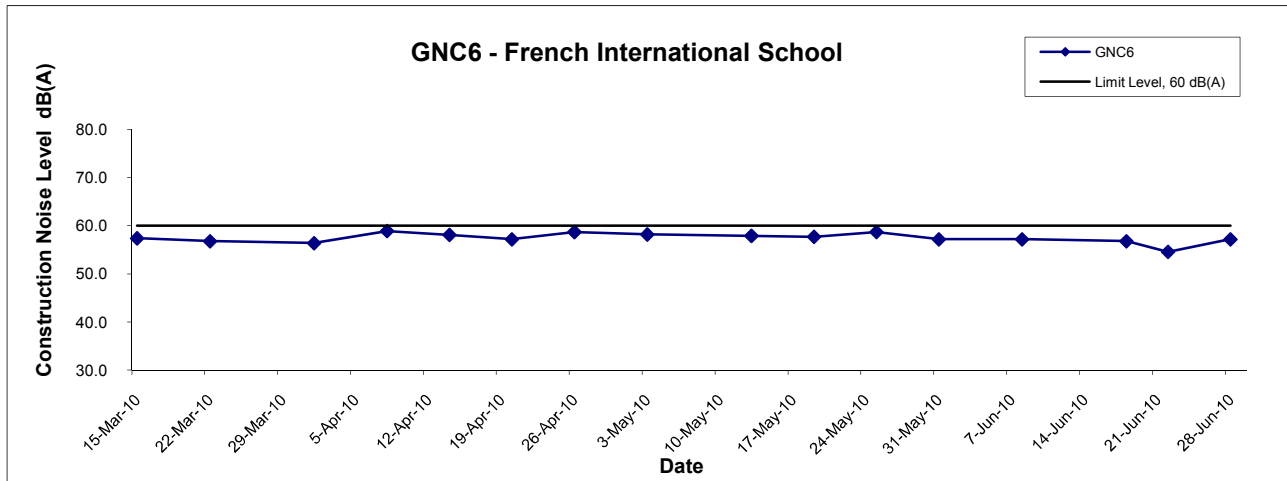
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Construction Noise Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Jun 10	Appendix G	

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 Jun 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
		Date	Appendix	

N.T.S

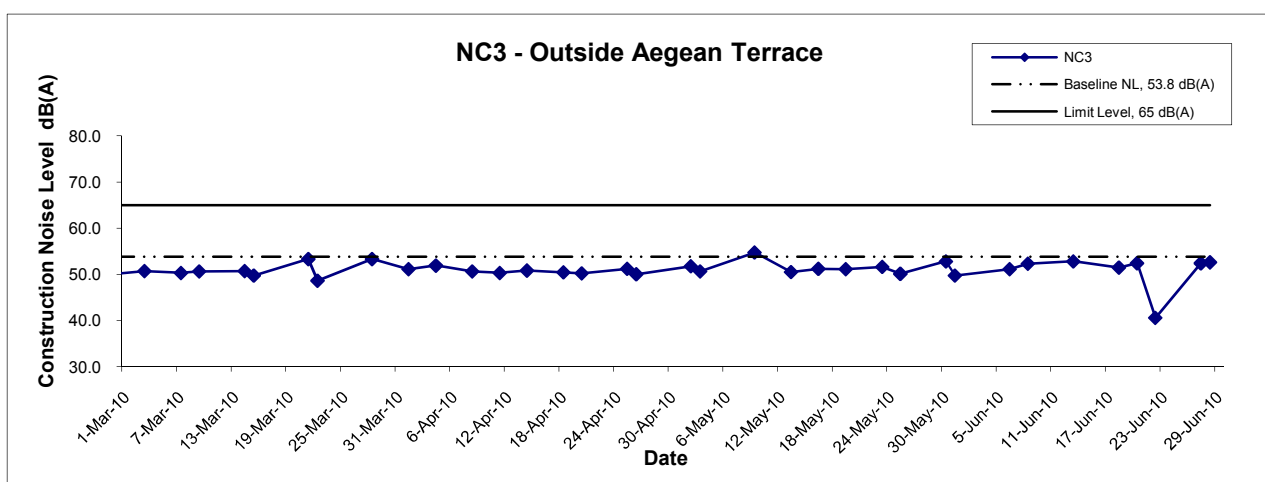
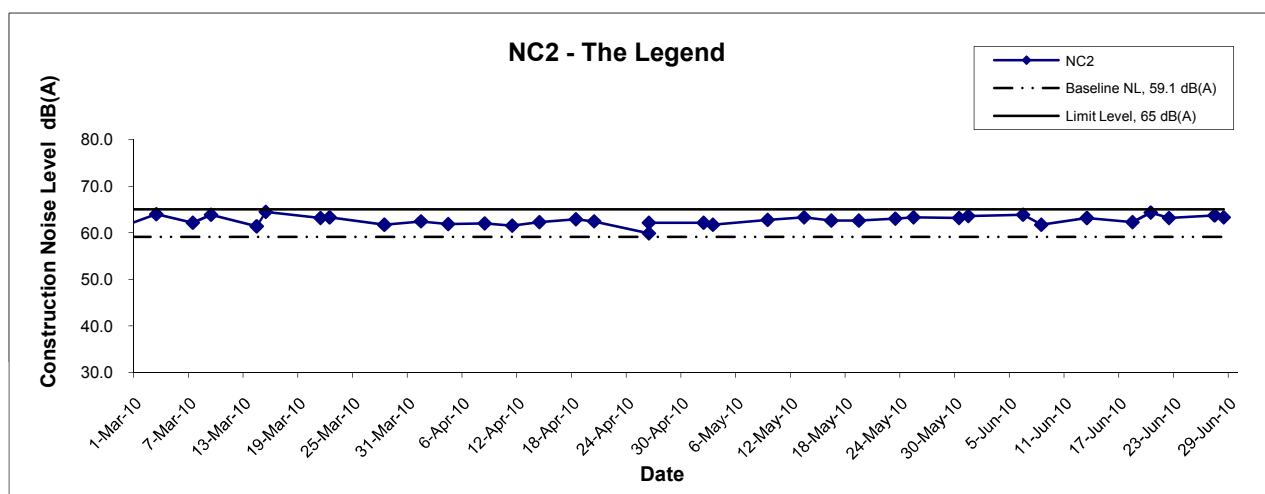
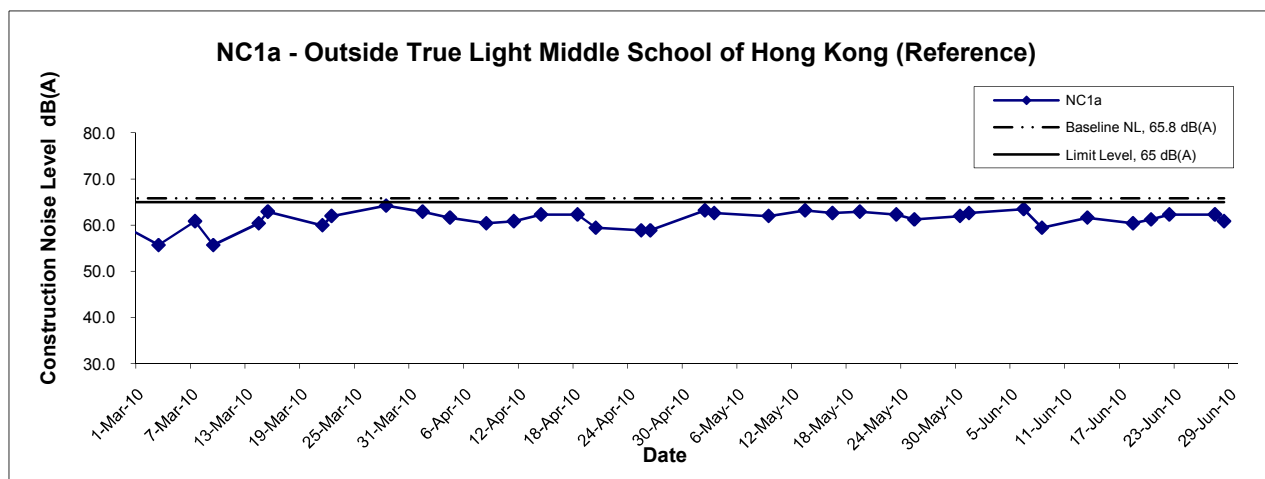
Jun 10

MA8001

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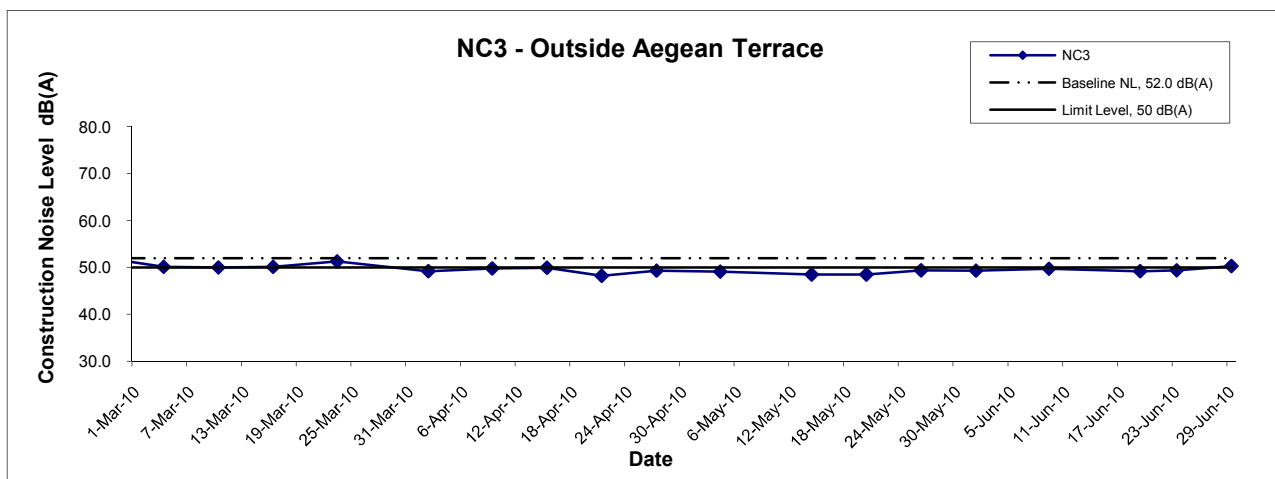
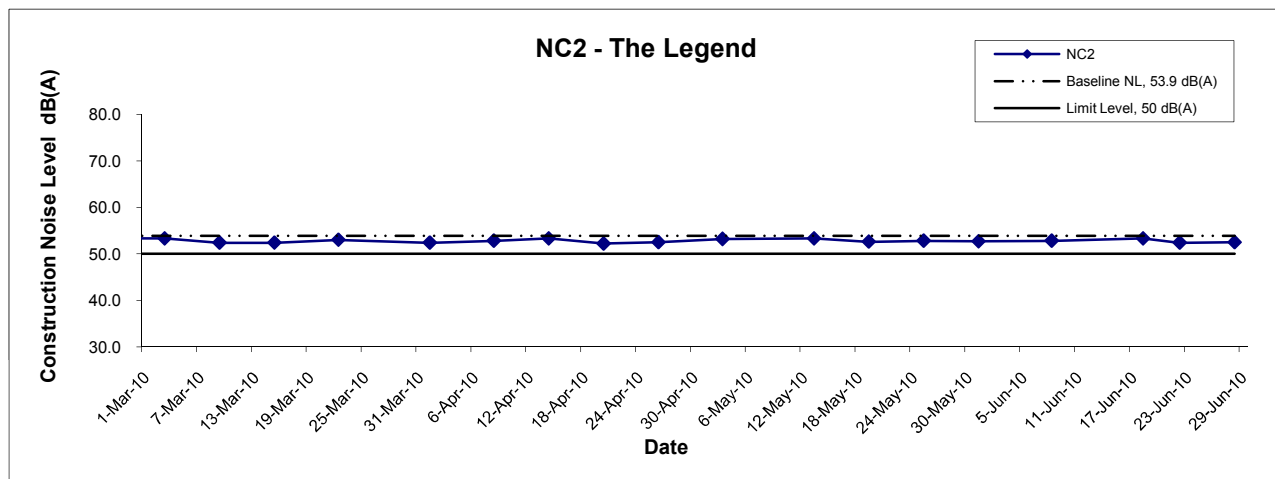
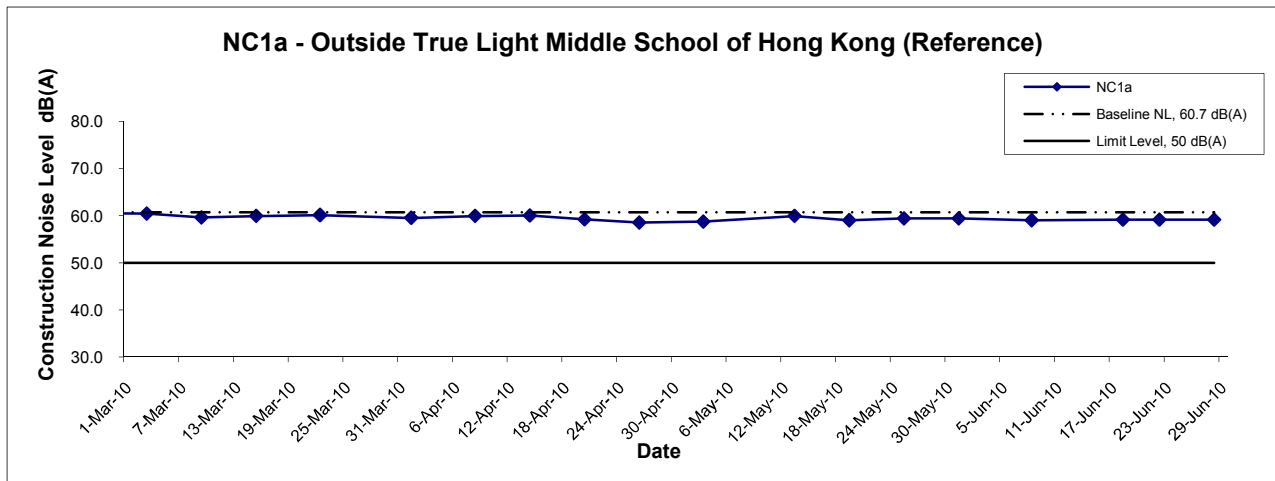
CINOTECH

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 Jun 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 Jun 10	Appendix G	