

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-Nov-08	11:00	Cloudy	70.2	74.5	66.0	70.2	70.2, Measured $\leq$ Baseline
14-Nov-08	14:00	Sunny	69.8	71.0	66.0		69.8, Measured $\leq$ Baseline
19-Nov-08	16:35	Sunny	68.9	70.0	66.0		68.9, Measured $\leq$ Baseline
27-Nov-08	16:35	Sunny	67.7	69.5	64.5		67.7, 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-Nov-08	10:15	Cloudy	67.4	70.5	65.5	64.8	63.9
14-Nov-08	14:40	Sunny	67.3	69.5	64.5		63.7
19-Nov-08	17:20	Sunny	67.3	69.0	65.0		63.7
27-Nov-08	17:15	Sunny	66.4	67.5	63.5		61.3

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-Nov-08	16:30	Sunny	60.6	62.0	57.5	57.7	57.5
14-Nov-08	15:20	Sunny	60.8	62.0	56.0		57.9
19-Nov-08	15:15	Sunny	59.4	60.5	55.5		54.5
27-Nov-08	15:15	Sunny	59.8	61.0	54.5		55.6

Appendix G - Noise Monitoring Results

(Restricted Hours - 19:00 to 23:00 on normal weekdays)

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-Nov-08	19:43	Fine	67.4	68.5	62.5	67.2	65.8	61.6
	19:48		67.2	68.5	62.5			
	19:53		66.9	67.5	62.0			
14-Nov-08	19:40	Cloudy	67.1	68.5	64.5	67.1		61.2
	19:45		67.3	68.5	64.0			
	19:50		66.8	68.5	64.5			
19-Nov-08	19:00	Cloudy	67.3	68.5	65.0	67.3		62.0
	19:05		67.1	68.5	65.5			
	19:10		67.4	68.5	65.0			
27-Nov-08	19:00	Cloudy	67.8	69.0	64.5	67.9		63.7
	19:05		68.1	69.0	64.0			
	19:10		67.8	68.5	64.5			

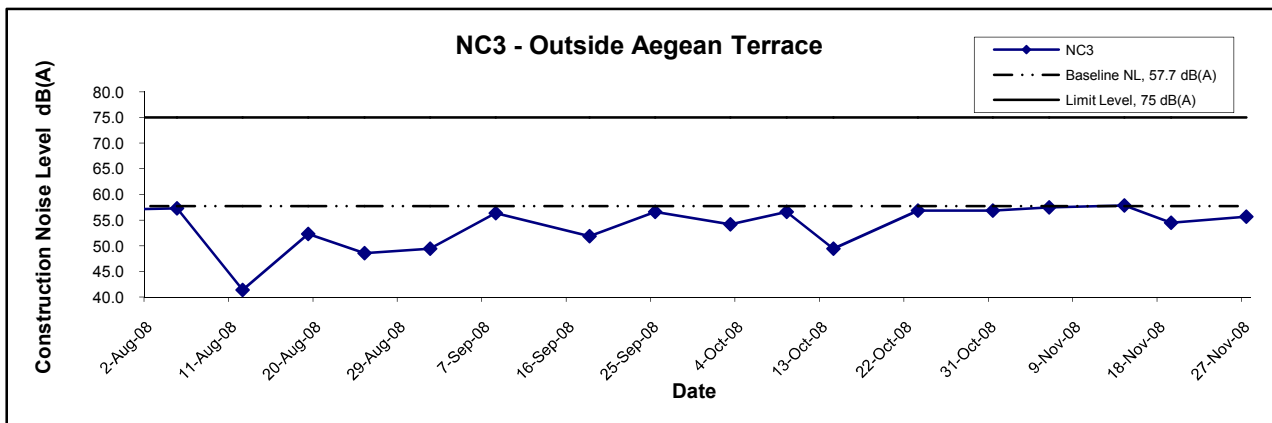
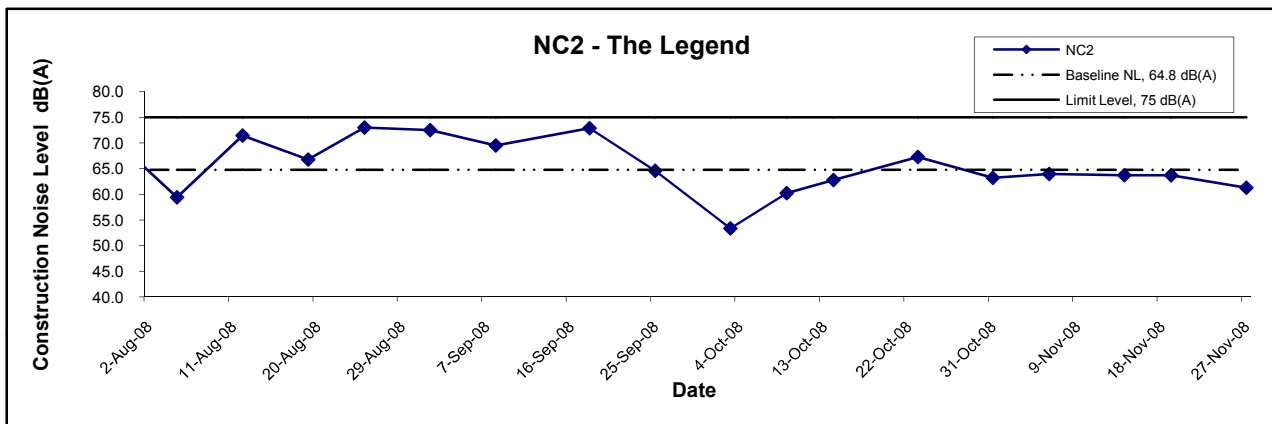
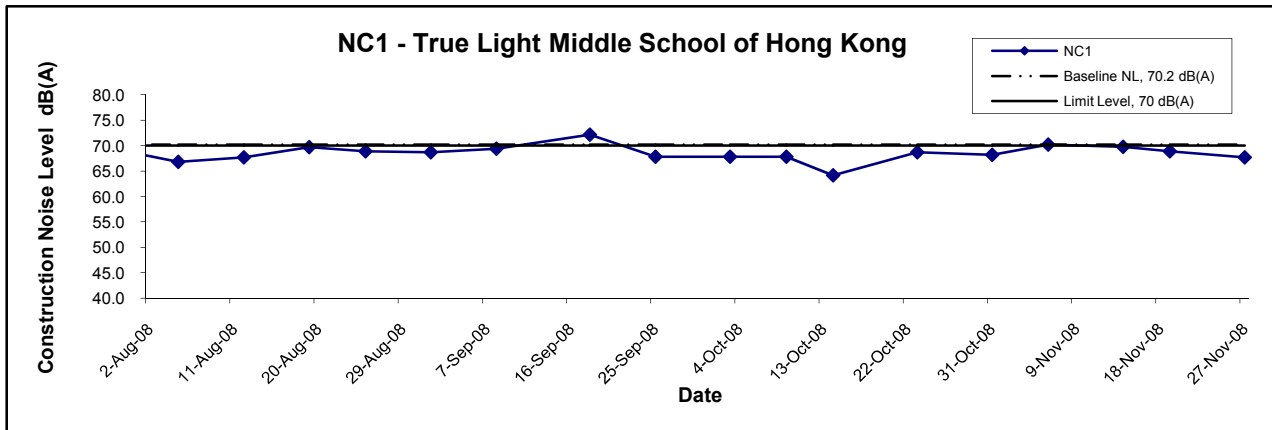
(Restricted Hours - 19:00 to 23:00 on normal weekdays)

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-Nov-08	19:05	Fine	63.8	65.0	59.5	63.6	59.1	61.7
	19:10		63.5	65.0	59.5			
	19:15		63.6	65.0	59.5			
14-Nov-08	19:00	Cloudy	64.2	65.5	62.0	64.2		62.6
	19:05		64.1	65.5	62.0			
	19:10		64.2	65.0	61.5			
19-Nov-08	19:40	Cloudy	64.1	65.5	61.5	64.1		62.4
	19:45		64.2	65.0	61.0			
	19:50		63.9	65.0	61.0			
27-Nov-08	19:30	Cloudy	64.1	65.5	59.5	64.2		62.6
	19:35		64.3	65.0	60.0			
	19:40		64.1	65.5	59.5			

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

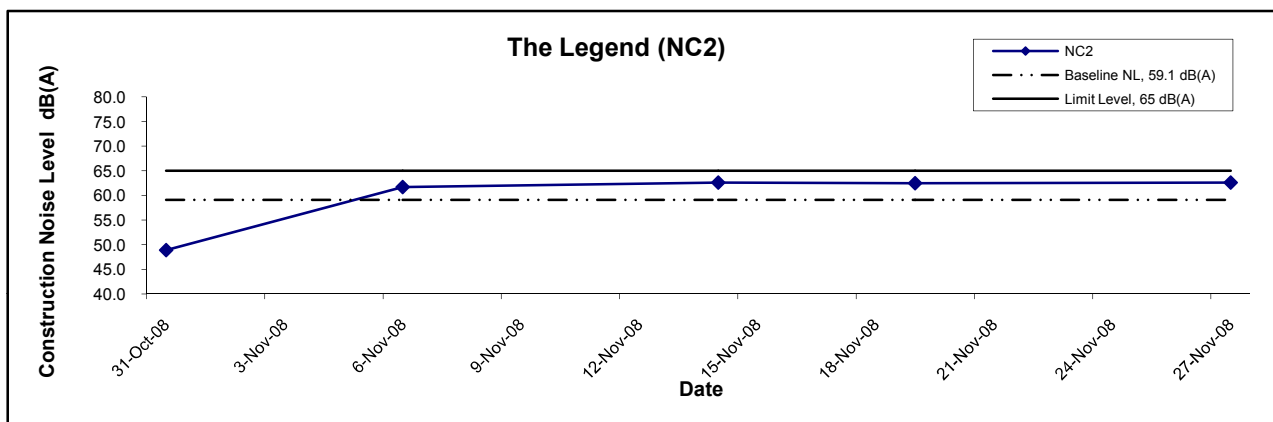
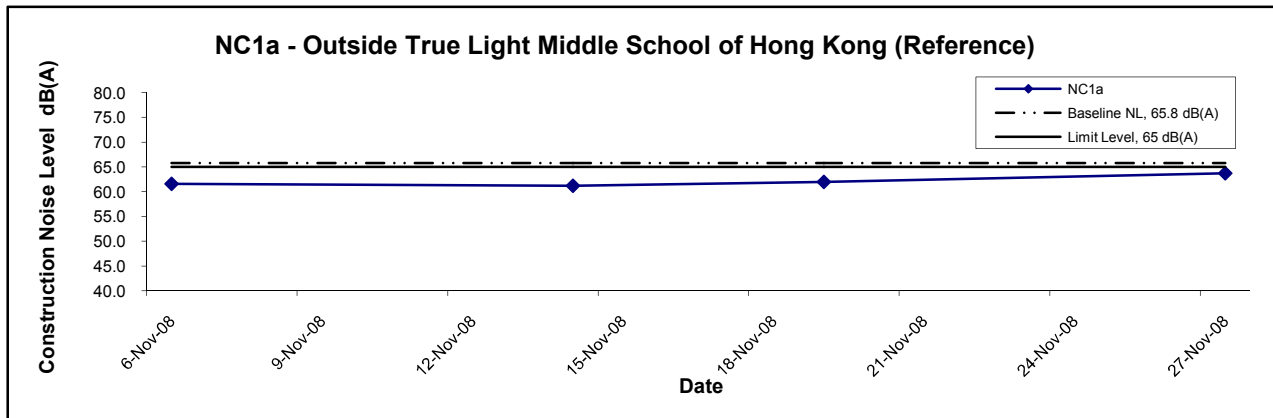
Location NC3 - Outside Aegean Terrace									
Date	Time	Weather	dB (A) (5-min)				Baseline Level	Construction Noise Level	
			L _{eq}	L ₁₀	L ₉₀	Average L _{eq}	L _{eq}	L _{eq}	
2-Nov-08	13:10	Fine	52.0	55.5	49.0	52.5	53.8	52.5, Measured ≤ Baseline	
	13:15		52.6	55.5	49.5				
	13:20		52.8	56.0	49.5				
6-Nov-08	20:40	Fine	56.7	58.5	54.5	57.2			54.5
	20:45		56.3	59.5	55.5				
	20:50		57.5	59.5	55.5				
9-Nov-08	13:00	Fine	51.6	54.5	48.5	51.3			51.3, Measured ≤ Baseline
	13:05		51.1	54.0	48.0				
	13:10		51.3	54.0	48.0				
14-Nov-08	20:25	Cloudy	55.1	56.0	53.5	55.2			49.6
	20:30		55.3	56.0	53.0				
	20:35		55.1	56.0	52.5				
13-Nov-08	10:00	Sunny	53.2	55.5	50.0	53.8			53.8, Measured ≤ Baseline
	10:05		53.7	55.5	50.5				
	10:10		54.4	56.0	51.0				
19-Nov-08	20:25	Cloudy	52.7	53.5	49.5	52.8			52.8, Measured ≤ Baseline
	20:30		52.9	53.5	49.0				
	20:35		52.7	53.5	49.0				
23-Nov-08	13:15	Sunny	52.6	55.0	49.0	52.7			52.7, Measured ≤ Baseline
	13:20		52.8	55.0	49.0				
	13:25		52.8	55.0	49.0				
27-Nov-08	20:10	Cloudy	53.2	54.0	50.0	53.2			53.2, Measured ≤ Baseline
	20:15		53.3	54.5	50.0				
	20:20		53.0	54.0	49.5				
30-Nov-08	13:00	Sunny	53.0	56.0	49.5	52.6			52.6, Measured ≤ Baseline
	13:05		52.6	55.5	49.0				
	13:10		52.2	55.0	49.0				

Noise Levels

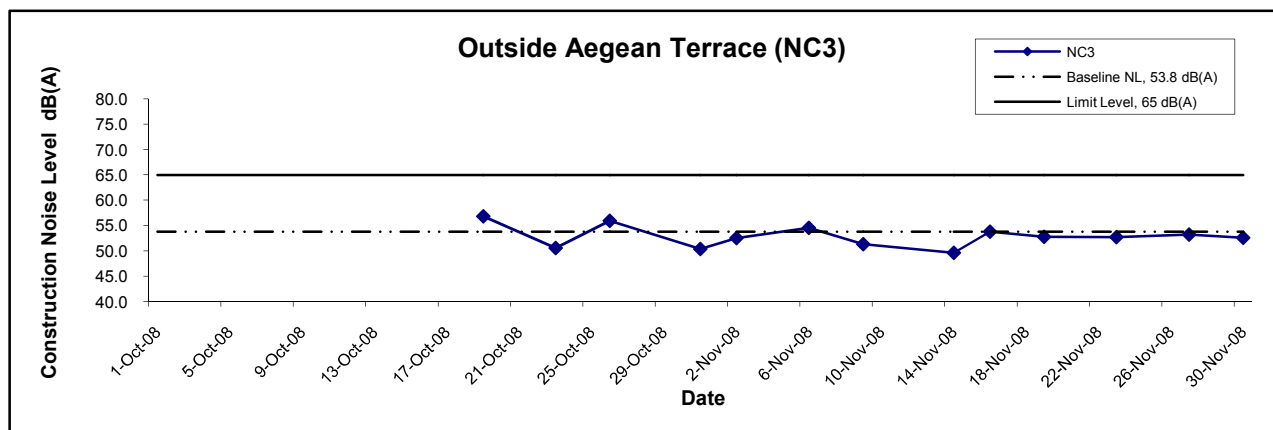


Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Construction Noise Monitoring Results	Scale N.T.S	Project No. MA8001	
	Date Nov 08	Appendix G	

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



Noise Levels (Restricted Hours - 07:00 - 23:00 hrs holidays & 19:00 - 23:00 hrs 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	Project No.	CINOTECH
		N.T.S Date Nov 08	MA8001 Appendix G	