

## 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 <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	L <sub>eq</sub>	L <sub>eq</sub>
5-Nov-09	9:10	Cloudy	69.1	71.5	66.0	70.2	69.1 Measured ≤ Baseline
10-Nov-09	9:25	Sunny	65.3	67.8	62.3		65.3 Measured ≤ Baseline
17-Nov-09	10:35	Cloudy	67.2	69.5	63.5		67.2 Measured ≤ Baseline
26-Nov-09	9:20	Sunny	69.2	71.5	64.5		69.2 Measured ≤ Baseline

Location NC2 - The Legend							
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>
5-Nov-09	9:50	Cloudy	67.2	68.5	64.5	64.8	63.5
10-Nov-09	10:15	Sunny	68.3	70.9	62.7		65.7
17-Nov-09	11:30	Cloudy	66.7	68.0	63.0		62.2
26-Nov-09	10:10	Sunny	71.3	73.5	67.0		70.2

Location NC3 - Outside Aegean Terrace							
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>
5-Nov-09	15:50	Cloudy	53.7	55.0	50.5	57.7	53.7 Measured ≤ Baseline
10-Nov-09	16:20	Sunny	56.8	58.5	53.2		56.8 Measured ≤ Baseline
17-Nov-09	9:00	Cloudy	51.8	53.0	49.5		51.8 Measured ≤ Baseline
26-Nov-09	16:40	Sunny	57.5	59.0	54.5		57.5 Measured ≤ Baseline

Location NC8 - Marymount Secondary School							
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>
5-Nov-09	10:35	Cloudy	66.8	69.5	63.5	63.5	64.1
10-Nov-09	13:10	Sunny	70.5	72.9	63.7		69.5
17-Nov-09	17:00	Cloudy	68.7	70.5	64.0		67.1
26-Nov-09	13:10	Sunny	70.1	73.0	66.5		69.0

Location NC9 - 117 Blue Pool Road							
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>
5-Nov-09	11:10	Cloudy	68.2	70.0	66.5	63.3	66.5
10-Nov-09	14:00	Sunny	69.5	72.7	62.7		68.3
17-Nov-09	15:45	Cloudy	68.8	71.5	64.5		67.4
26-Nov-09	14:00	Sunny	71.2	73.5	67.0		70.4

Location NC11 - Honey Court							
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>
5-Nov-09	14:05	Cloudy	62.3	63.5	59.5	63.2	62.3 Measured ≤ Baseline
10-Nov-09	15:20	Sunny	63.2	65.8	57.7		63.2 Measured ≤ Baseline
17-Nov-09	14:55	Cloudy	63.1	65.0	57.5		63.1 Measured ≤ Baseline
26-Nov-09	15:00	Sunny	63.2	66.0	59.0		63.2 Measured ≤ Baseline

## Appendix G - Noise Monitoring Results

Location NC15 - Hong Kong Academy							
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>
5-Nov-09	13:10	Cloudy	66.7	68.5	63.5	63.5	63.9
10-Nov-09	11:20	Sunny	65.8	68.1	60.9		61.9
17-Nov-09	14:00	Cloudy	66.2	68.5	63.0		62.9
26-Nov-09	11:10	Sunny	66.8	69.0	62.5		64.1

Location GNC5 - Wu Cheng Chung Secondary School					
Date	Time	Weather	Unit: dB (A) (30-min)		
			Measured Noise Level		
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>
5-Nov-09	15:00	Cloudy	50.2	52.0	49.0
10-Nov-09	17:20	Sunny	50.7	54.9	49.1
17-Nov-09	13:00	Cloudy	50.3	52.5	49.0
26-Nov-09	15:50	Sunny	49.6	52.5	46.5

**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 <sub>eq</sub>								
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	Average L <sub>eq</sub>	L <sub>eq</sub>									
1-Nov-09	10:20	Fine	67.2	69.5	65.5	67.2	65.8	61.6								
	10:25		67.5	69.5	65.5											
	10:30		66.9	69.0	65.0											
5-Nov-09	21:20	Cloudy	66.5	67.5	62.5	66.3		65.8	56.7							
	21:25		66.6	67.5	62.5											
	21:30		66.3	67.5	62.0											
8-Nov-09	11:10	Sunny	67.4	69.0	63.0	67.2			65.8	61.6						
	11:15		67.3	68.5	63.5											
	11:20		66.9	68.5	63.5											
10-Nov-09	19:10	Cloudy	66.7	68.2	62.1	66.7				65.8	59.4					
	19:15		66.8	68.4	62.1											
	19:20		66.5	68.3	62.0											
15-Nov-09	9:40	Sunny	65.2	69.0	58.5	65.1					65.8	65.1 Measured ≤ Baseline				
	9:45		64.7	68.0	58.0											
	9:50		65.5	69.5	58.5											
17-Nov-09	19:00	Cloudy	67.2	68.5	63.0	67.1						65.8	61.2			
	19:05		66.8	68.0	63.0											
	19:10		67.3	68.5	63.0											
22-Nov-09	9:40	Sunny	64.7	66.5	60.5	64.3							65.8	64.3 Measured ≤ Baseline		
	9:45		64.2	66.5	60.0											
	9:50		63.9	66.0	59.5											
26-Nov-09	19:05	Cloudy	68.1	70.0	64.5	68.4								65.8	64.9	
	19:10		68.3	70.5	64.5											
	19:15		68.7	71.0	65.0											
29-Nov-09	9:30	Sunny	63.9	68.0	61.0	64.4									65.8	64.4 Measured ≤ Baseline
	9:35		64.7	69.5	61.5											
	9:40		64.5	69.0	62.0											

(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 <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	Average L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>								
1-Nov-09	11:005	Fine	64.3	65.5	62.0	64.2	59.1	62.6								
	11:10		64.0	65.0	62.0											
	11:15		64.2	65.5	62.0											
5-Nov-09	21:45	Cloudy	63.8	65.0	60.5	63.8		59.1	62.0							
	21:50		64.2	65.5	60.5											
	21:55		63.5	65.5	60.0											
8-Nov-09	10:45	Sunny	63.8	65.0	61.0	63.9			59.1	62.2						
	10:50		64.2	65.5	61.5											
	10:55		63.7	65.0	61.5											
10-Nov-09	19:45	Cloudy	53.7	65.8	58.7	62.1				59.1	59.1					
	19:50		63.8	65.8	58.9											
	19:55		63.5	65.6	58.5											
15-Nov-09	10:10	Sunny	57.9	61.5	54.5	58.3					59.1	58.3 Measured ≤ Baseline				
	10:15		58.5	62.0	55.0											
	10:20		58.6	62.5	55.0											
17-Nov-09	19:25	Cloudy	63.4	64.5	62.0	63.5						59.1	61.5			
	19:30		63.6	64.5	62.0											
	19:35		63.4	64.5	62.0											
22-Nov-09	10:20	Sunny	60.4	63.5	56.5	59.8							59.1	51.5		
	10:25		59.6	63.0	56.0											
	10:30		59.3	63.0	55.5											
26-Nov-09	19:35	Cloudy	65.2	67.5	62.0	65.4								59.1	64.2	
	19:40		65.4	67.5	62.5											
	19:45		65.6	68.0	63.0											
29-Nov-09	10:20	Sunny	60.8	64.5	57.0	60.6									59.1	55.3
	10:25		60.3	64.0	57.0											
	10:30		60.6	64.5	57.0											

(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 <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	Average L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>								
1-Nov-09	9:25	Fine	51.4	52.5	49.5	51.5	53.8	51.5 Measured ≤ Baseline								
	9:30		51.8	53.0	50.0											
	9:35		51.2	52.5	49.5											
5-Nov-09	20:05	Cloudy	49.7	50.5	48.5	50.0		53.8	50.0 Measured ≤ Baseline							
	20:10		50.4	51.5	49.0											
	20:15		50.0	51.5	49.0											
8-Nov-09	9:35	Sunny	52.4	53.5	49.5	52.4			53.8	52.4 Measured ≤ Baseline						
	9:40		52.0	53.0	49.5											
	9:45		52.8	53.5	49.5											
10-Nov-09	20:40	Cloudy	48.9	50.4	46.1	49.1				53.8	49.1 Measured ≤ Baseline					
	20:45		49.1	50.5	46.3											
	20:50		49.3	50.7	46.3											
15-Nov-09	13:00	Sunny	56.8	60.5	52.5	56.5					53.8	53.2				
	13:05		56.5	60.5	52.0											
	13:10		56.3	60.5	52.0											
17-Nov-09	20:10	Cloudy	49.6	50.5	48.5	49.4						53.8	49.4 Measured ≤ Baseline			
	20:15		49.3	50.0	48.5											
	20:20		49.4	50.0	48.5											
22-Nov-09	13:00	Sunny	53.8	57.0	50.0	54.1							53.8	42.3		
	13:05		54.1	57.0	50.5											
	13:10		54.5	57.0	50.5											
26-Nov-09	20:40	Cloudy	50.1	52.5	48.0	50.1								53.8	50.1 Measured ≤ Baseline	
	20:45		49.7	51.5	47.5											
	20:50		50.4	52.5	48.5											
29-Nov-09	13:15	Sunny	52.6	55.0	49.0	52.6									53.8	52.6 Measured ≤ Baseline
	13:20		52.4	55.0	49.5											
	13:25		52.8	55.5	49.5											

**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 <sub>eq</sub>
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	Average L <sub>eq</sub>	L <sub>eq</sub>	
5-Nov-09	23:25	Cloudy	60.8	63.5	57.5	60.4	60.7	60.4 Measured ≤ Baseline
	23:30		60.4	63.0	57.0			
	23:35		60.0	63.0	57.0			
10-Nov-09	23:30	Fine	60.4	65.0	54.0	60.4		60.4 Measured ≤ Baseline
	23:35		60.2	64.5	54.0			
	23:40		60.5	65.0	55.0			
17-Nov-09	23:25	Cloudy	60.2	63.0	57.0	60.6		60.6 Measured ≤ Baseline
	23:30		60.8	62.5	57.0			
	23:35		60.8	63.0	57.0			
26-Nov-09	23:30	Cloudy	59.3	61.5	57.5	59.2		59.2 Measured ≤ Baseline
	23:35		59.4	61.5	57.5			
	23:40		59.0	61.5	57.5			

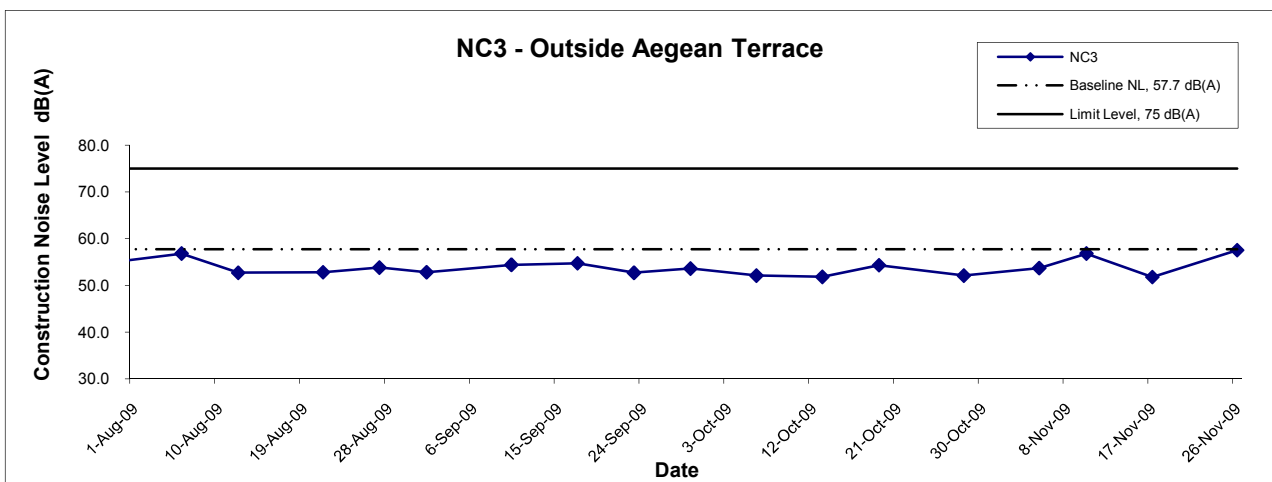
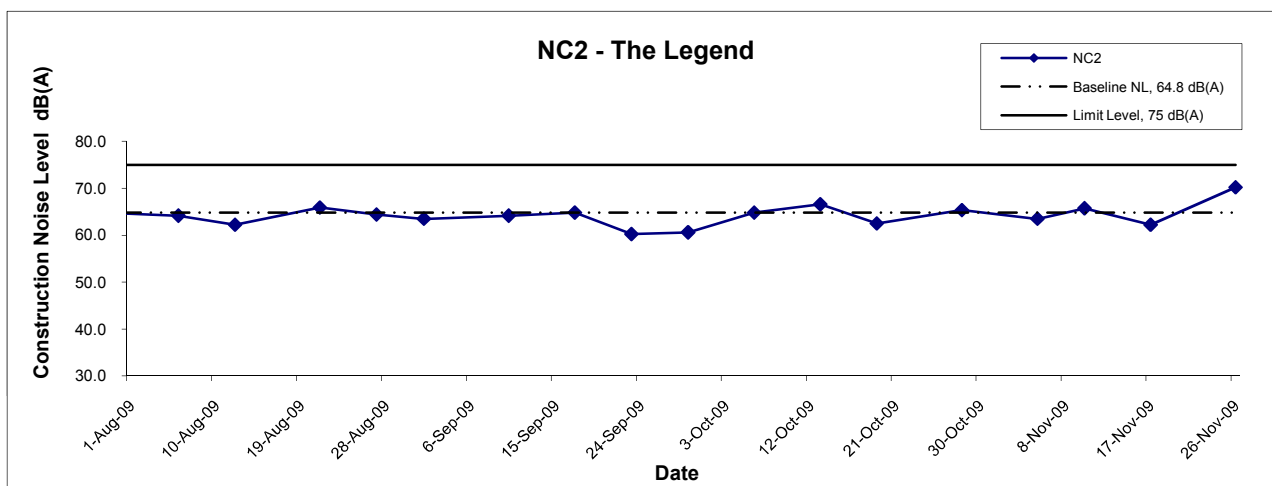
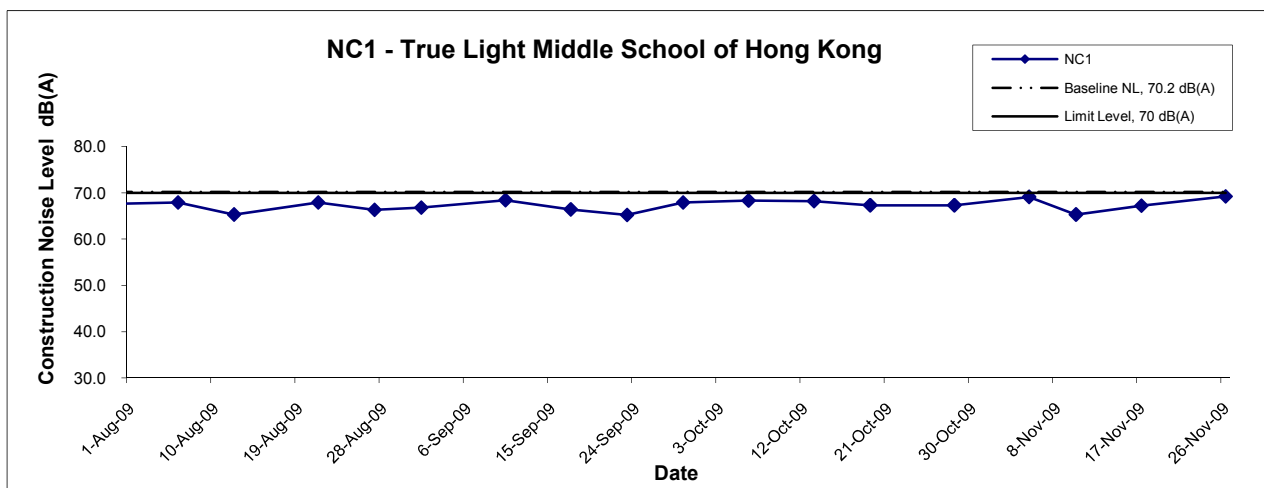
(Restricted Hours - 23:00 to 07:00 on all days )

Location NC2 - The Legend								
Date	Time	Weather	dB (A) (5-min)				Baseline Level	Construction Noise Level
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	Average L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>
5-Nov-09	23:00	Cloudy	54.4	55.5	52.5	54.5	53.9	45.6
	23:05		54.3	55.5	52.0			
	23:10		54.8	56.0	52.0			
10-Nov-09	23:00	Fine	53.6	56.5	51.0	53.5		53.5 Measured ≤ Baseline
	23:05		53.5	57.0	51.0			
	23:10		53.5	57.0	51.0			
17-Nov-09	23:00	Cloudy	54.4	55.5	52.0	54.4		44.8
	23:05		54.5	55.5	52.5			
	23:10		54.4	55.5	52.0			
26-Nov-09	23:00	Cloudy	52.1	55.0	49.0	52.3		52.3 Measured ≤ Baseline
	23:05		52.6	55.5	49.5			
	23:10		52.2	55.0	49.5			

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

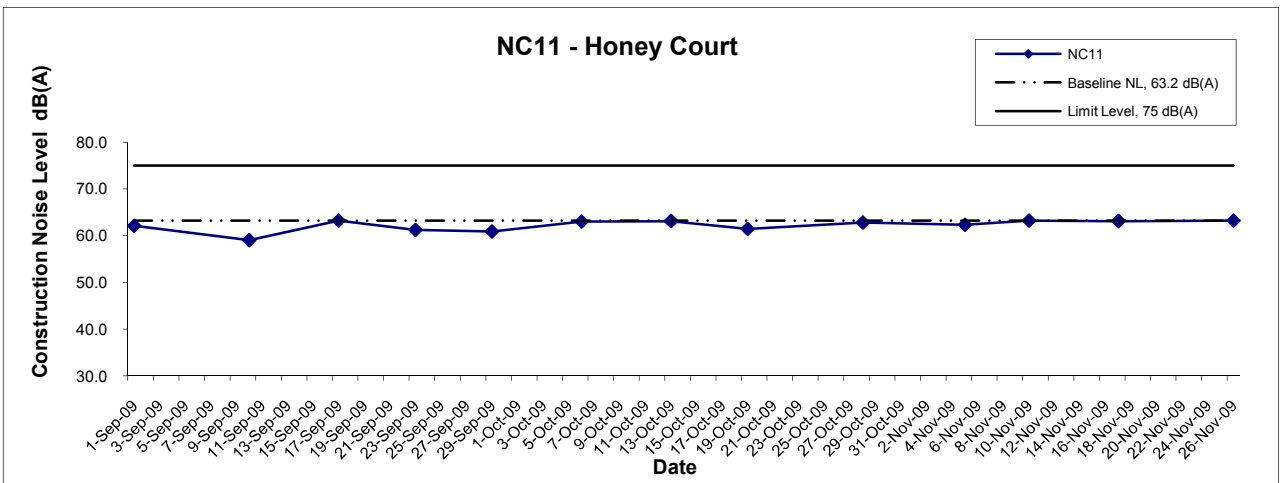
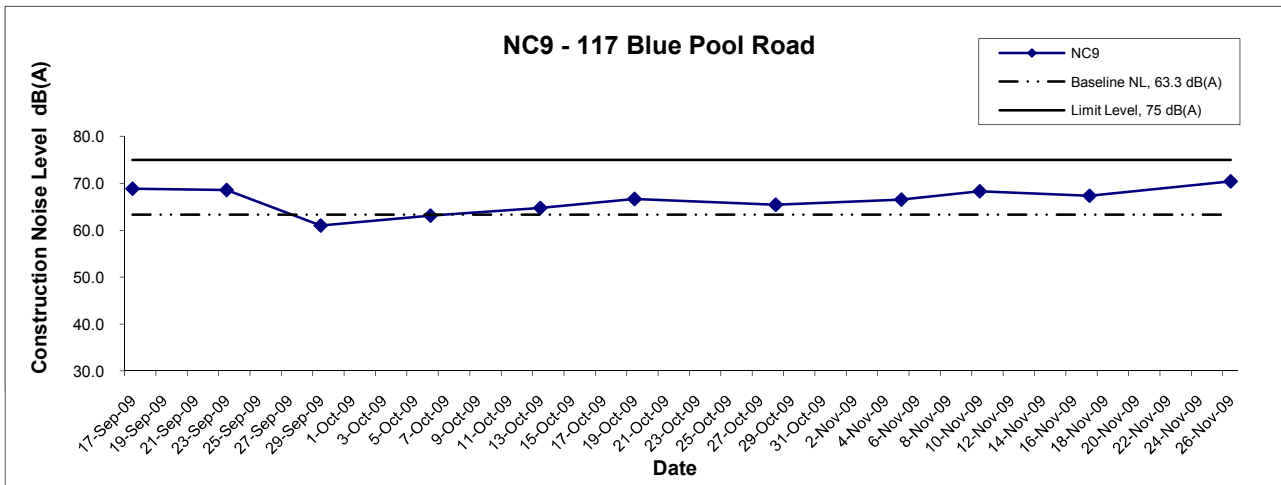
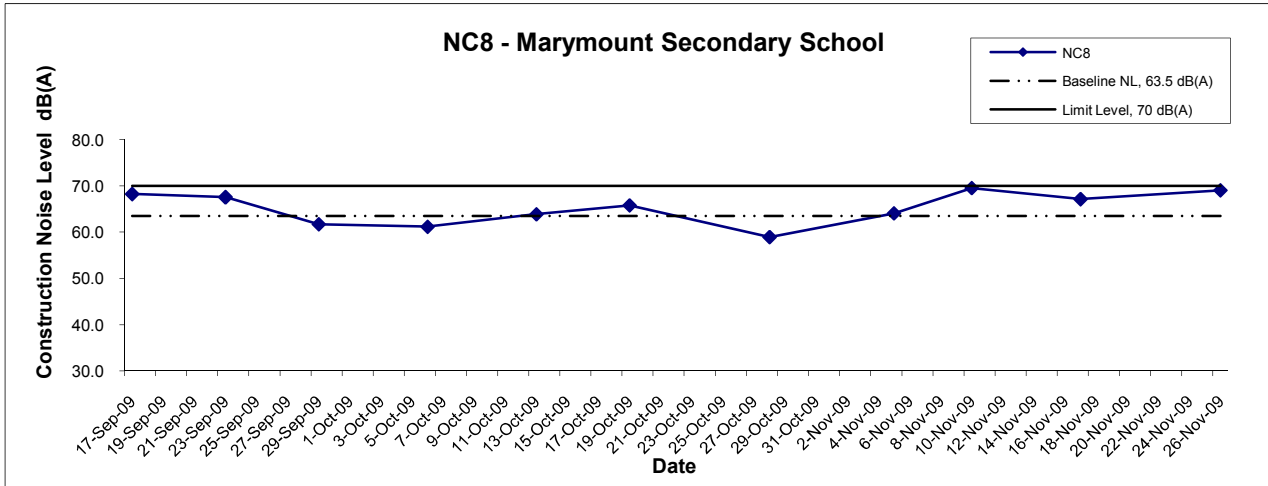
Location NC3 - Outside Aegean Terrace								
Date	Time	Weather	dB (A) (5-min)				Baseline Level	Construction Noise Level
			L <sub>eq</sub>	L <sub>10</sub>	L <sub>90</sub>	Average L <sub>eq</sub>	L <sub>eq</sub>	L <sub>eq</sub>
6-Nov-09	00:30	Cloudy	49.4	50.5	47.5	49.5	52.0	49.5 Measured ≤ Baseline
	00:35		49.2	50.5	47.0			
	00:40		49.8	51.0	47.5			
11-Nov-09	0:25	Fine	50.4	52.0	47.5	50.1		50.1 Measured ≤ Baseline
	0:30		50.2	51.5	47.5			
	0:35		49.8	51.5	47.5			
18-Nov-09	00:05	Cloudy	49.7	50.5	47.5	49.7		49.7 Measured ≤ Baseline
	00:10		49.7	50.5	47.5			
	00:15		49.8	50.5	47.5			
27-Nov-09	00:15	Cloudy	49.6	52.5	46.5	49.9		49.9 Measured ≤ Baseline
	00:20		49.9	52.5	47.0			
	00:25		50.3	53.0	47.0			

## Noise Levels



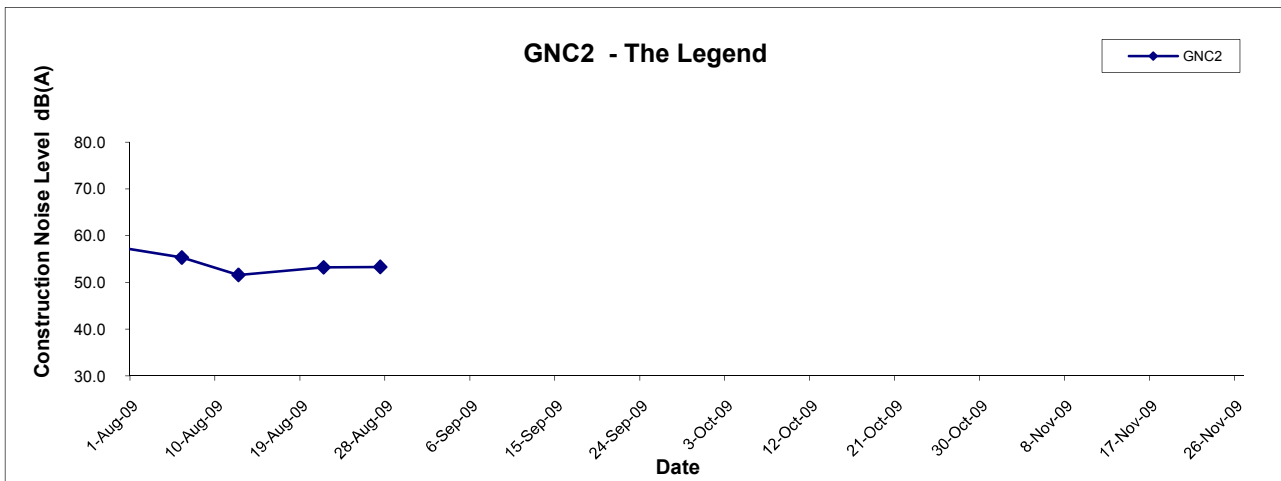
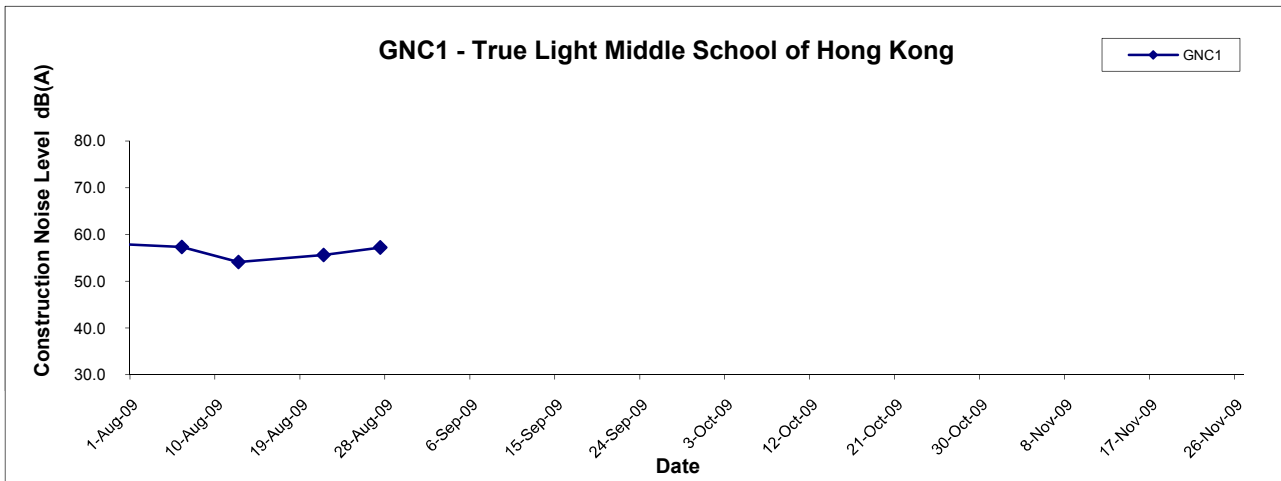
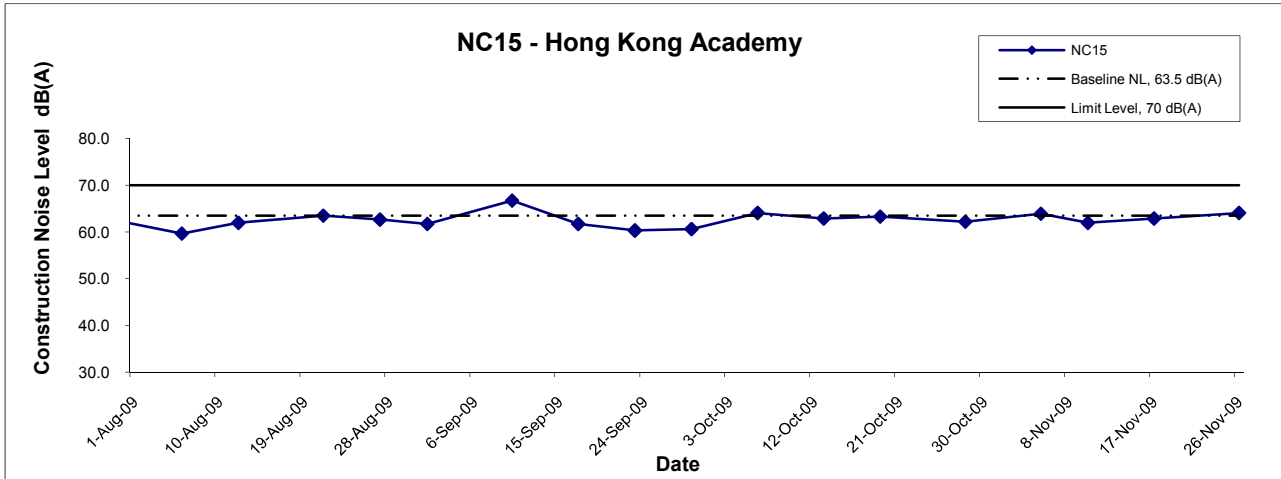
Title Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel Graphical Presentation of Construction Noise Monitoring Results	Scale	N.T.S	Project No.	MA8001	CINOTECH
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## Noise Levels



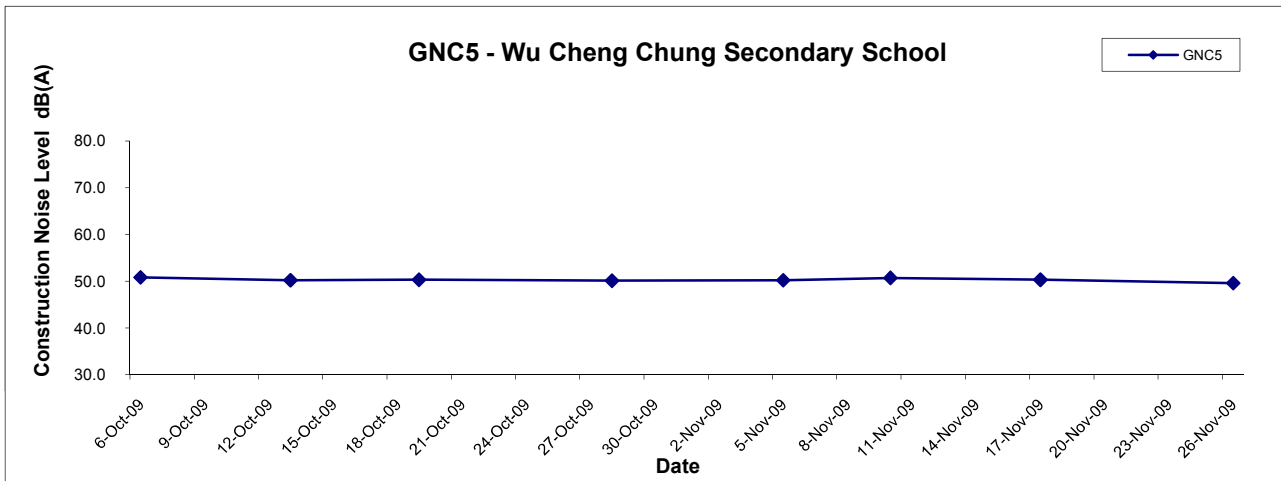
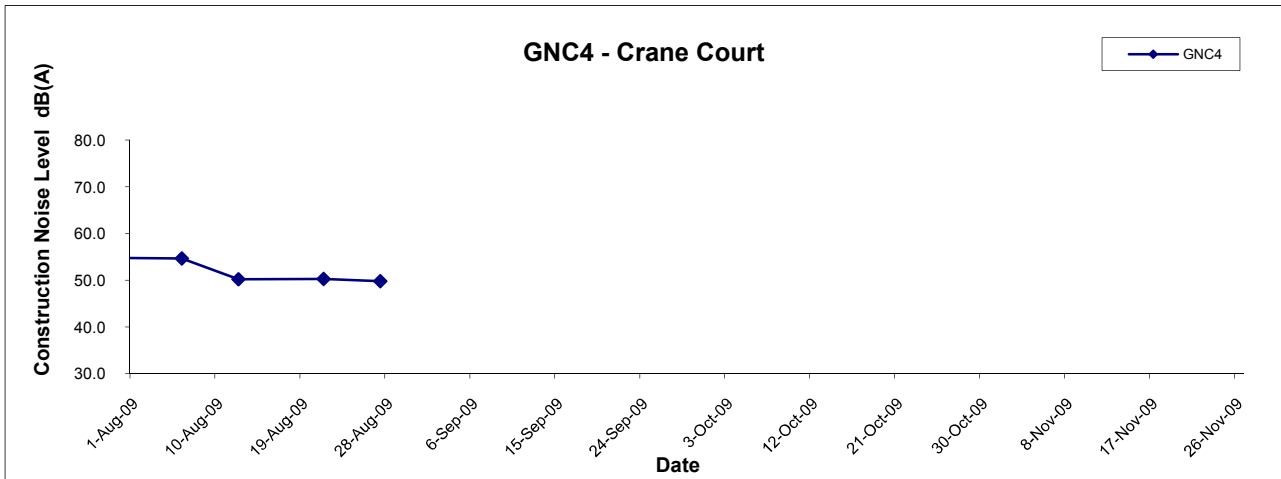
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## Noise Levels



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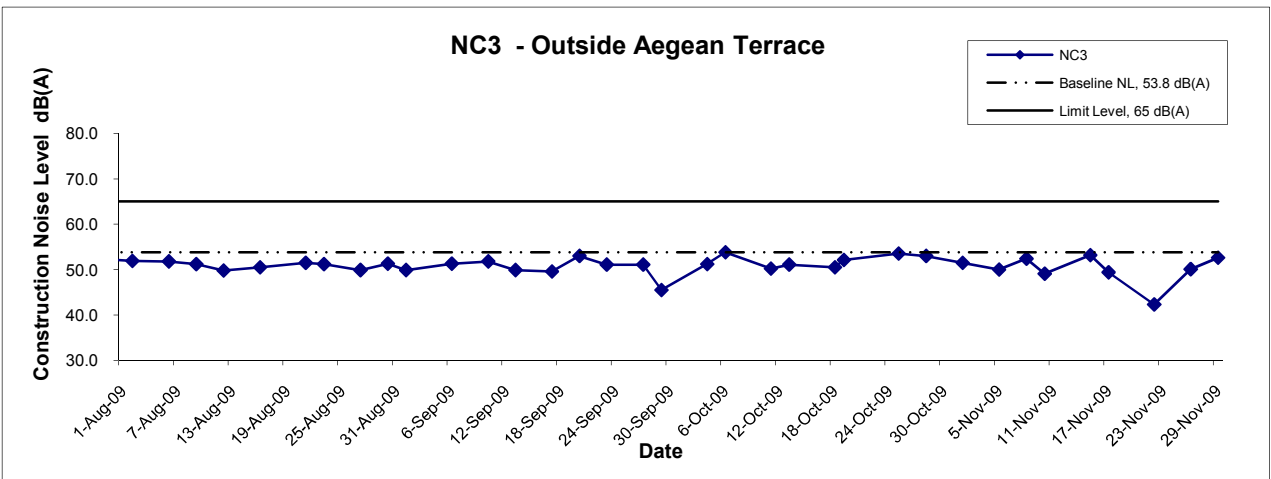
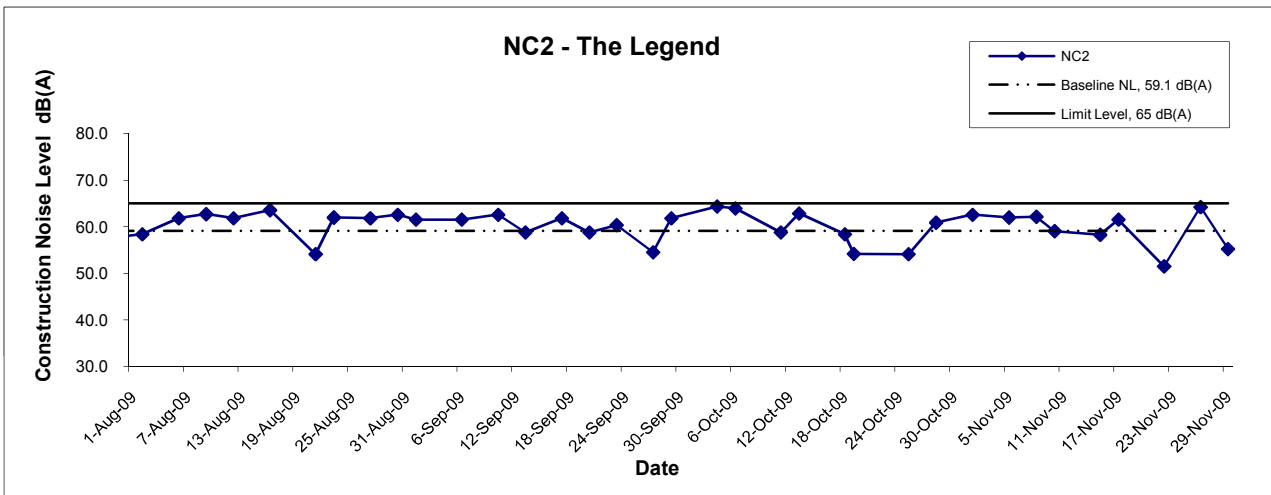
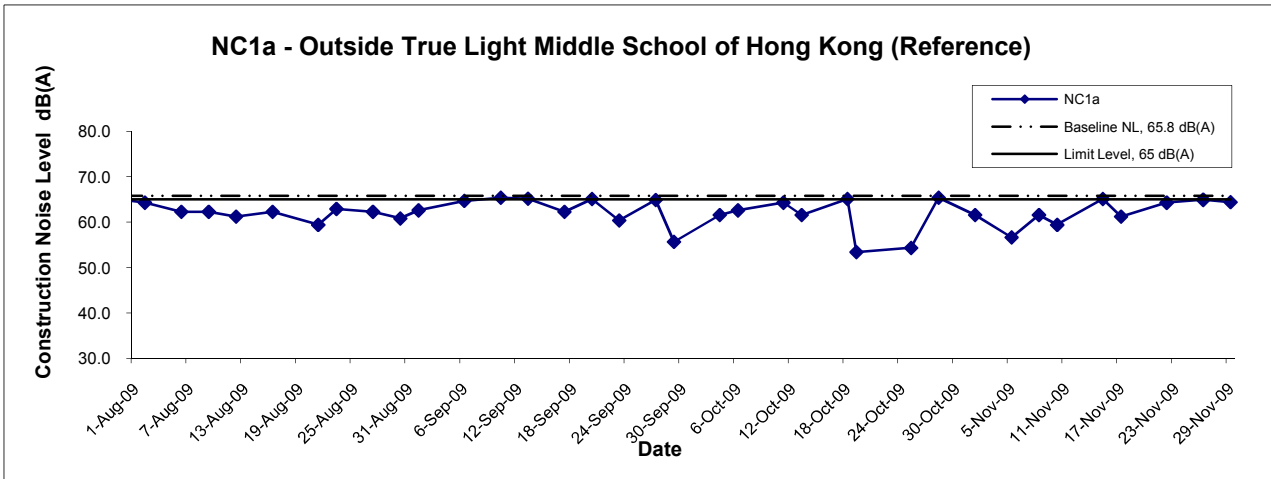
## Noise Levels



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	
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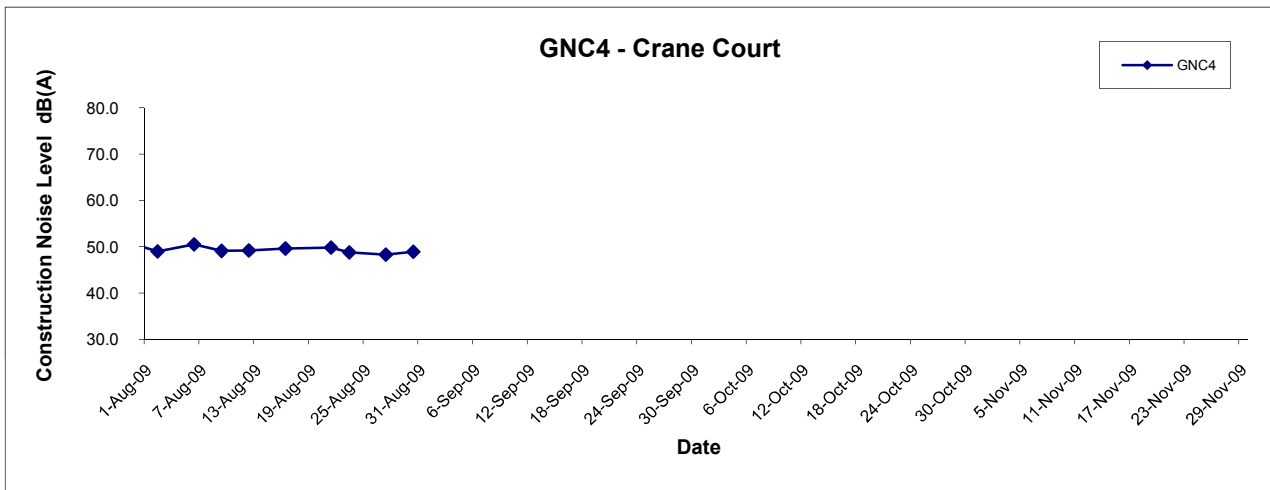
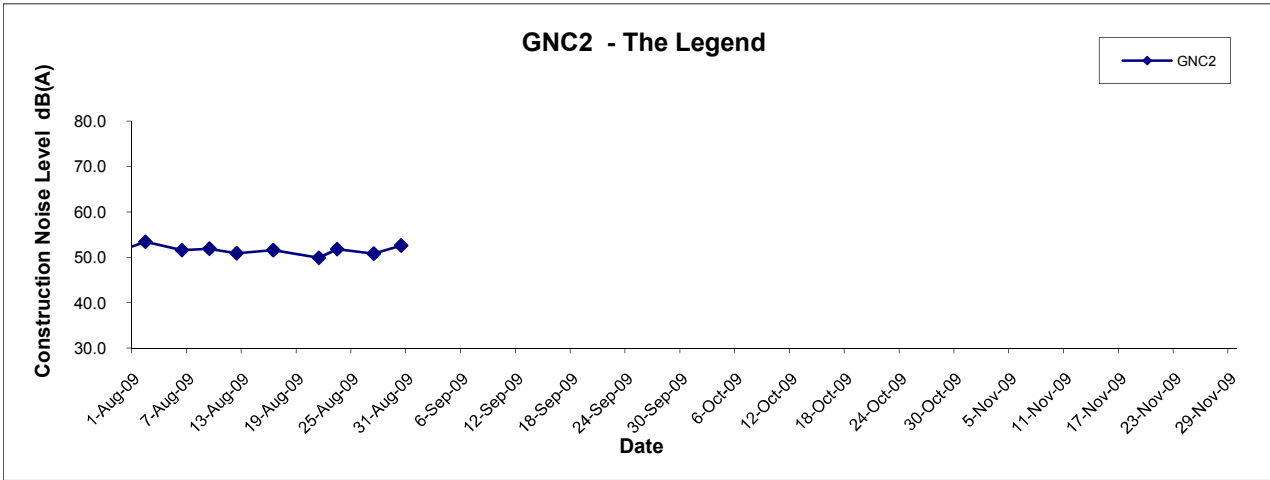


**Noise Levels**  
**(Restricted Hours - 07:00 - 23:00 holidays & 19:00 - 23:00 on all other days )**



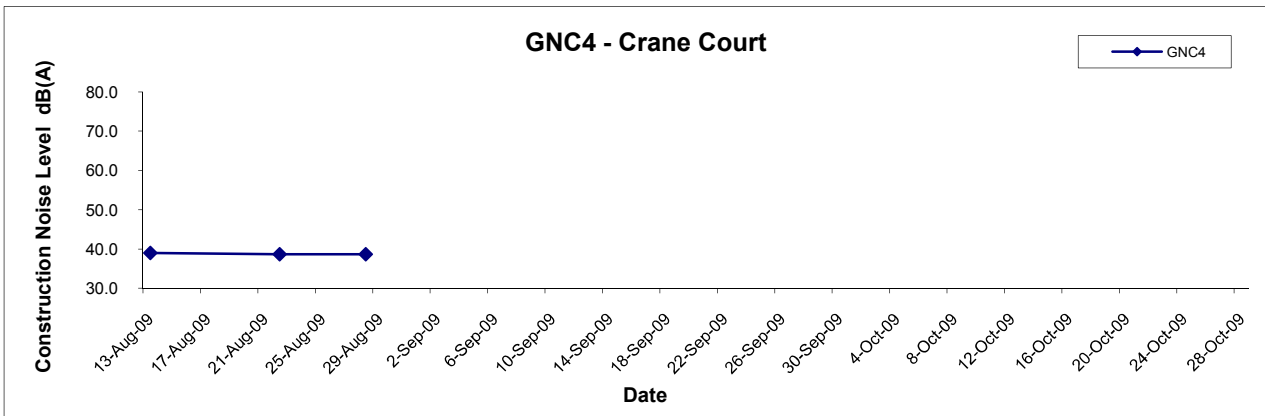
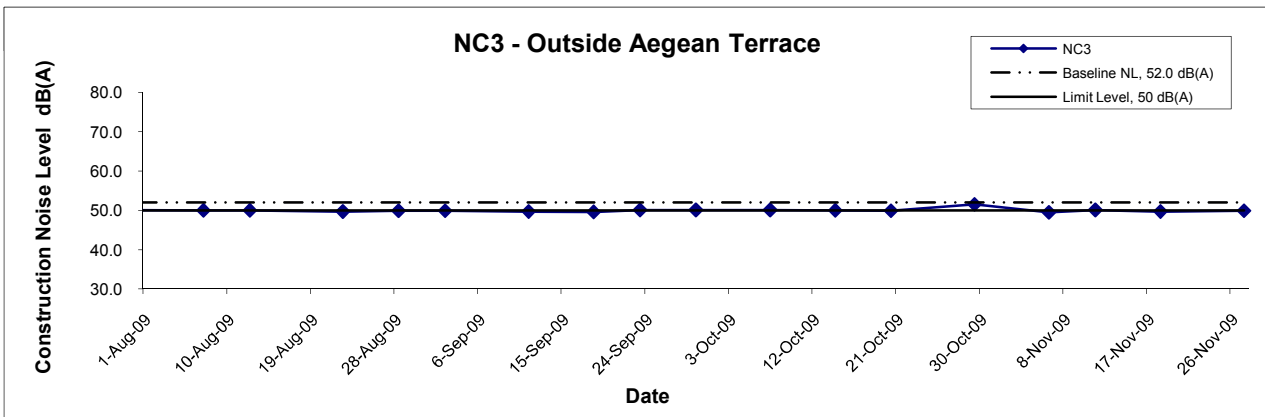
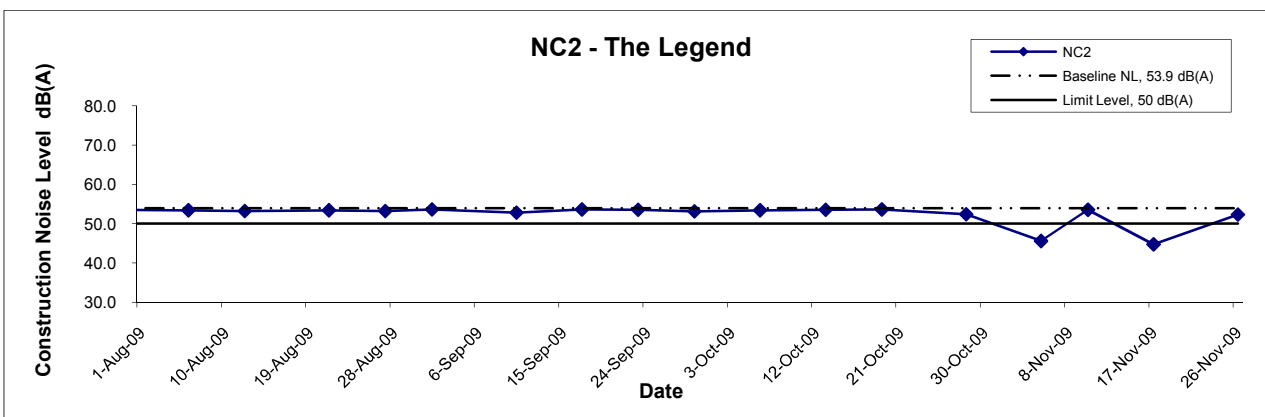
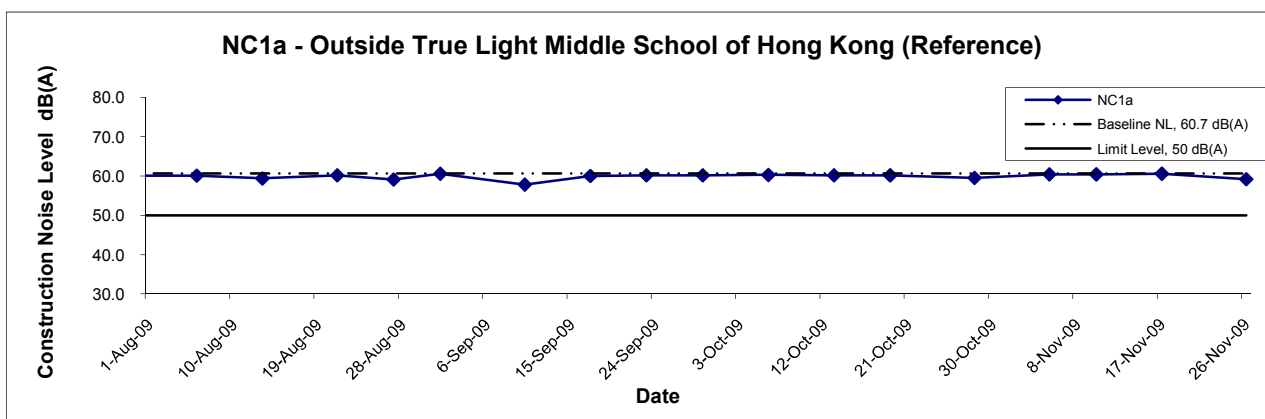
Title	Contract No. DC/2007/10 Design and Construction of Hong Kong West Drainage Tunnel	Scale	N.T.S	Project No.	MA8001	<b>CINOTECH</b>
	Graphical Presentation of Construction Noise Monitoring Results	Date	Nov 09	Appendix	G	

**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	<b>CINOTECH</b>
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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	CINOTECH
	Date Nov 09	Appendix G	