Appendix I5

Cumulative Construction Noise Impact

Cumulative Construction Noise Impact (Mitigated)

Appendix I5

Predicted Noise Level (dB (A)) of Main Construction Activities					04 Jan 2012 - 02 Apr 2012	03 Apr 2012 - 21 Aug 2012	21 Aug 2012 - 28 Nov 2012	29 Nov 2012 - 28 Apr 2013	28 Apr 2013 - 17 May 2013	18 May 2013 - 26 Jun 2013	27 Jul 2013 - 23 Nov 2013	24 Nov 2013 - 23 Dec 2013	24 Dec 2013 - 22 Jan 2014	23 Jan 2014 - 22 Apr 2014
Act 1 - Mobilization/Preparation														
NSR	**Description**	**Usage**	**Floor**	**mPD**										
SCH01	Po Leung Kuk Ngan Po Ling College	Educational	1/F	9.0	64									
			2/F	11.8	64									
			4/F	17.4	64									
SCH02	CCC Kei To Secondary School	Educational	1/F	9.0	64									
			3/F	14.6	64									
			6/F	23.0	64									
WFM	Wing Fai Mansion	Residential	1/F	21.1	60									
			8/F	40.7	60									
			15/F	60.3	60									
SUV	Sunrise Villa	Residential	1/F	14.3	59									
			18/F	61.9	58									
			30/F	95.5	58									
MHE	Model Housing Estate	Residential	1/F	8.3	63									
			5/F	19.5	63									
			9/F	30.7	62									
KCM	Kut Cheong Mansion	Residential	1/F	9.8	60									
			4/F	18.2	60									
			7/F	26.6	60									
LKB	Lai King Building	Residential	1/F	7.2	60									
			4/F	15.6	60									
			7/F	24.0	60									
FSQ	North Point Fire Services Married Quarters	Residential	1/F	6.7	61									
			4/F	15.1	61									
			7/F	23.5	61									
Act 2 - Landfall Site Construction (Seawall Demolition)														
NSR	**Description**	**Usage**	**Floor**	**mPD**										
SCH01	Po Leung Kuk Ngan Po Ling College	Educational	1/F	9.0			60	60	60					
			2/F	11.8			60	60	60					
			4/F	17.4			60	60	60					
SCH02	CCC Kei To Secondary School	Educational	1/F	9.0			62	62	62					
			3/F	14.6			62	62	62					
			6/F	23.0			62	62	62					
WFM	Wing Fai Mansion	Residential	1/F	21.1			57	57	57					
			8/F	40.7			57	57	57					
			15/F	60.3			57	57	57					
SUV	Sunrise Villa	Residential	1/F	14.3			57	57	57					
			18/F	61.9			57	57	57					
			30/F	95.5			57	57	57					
MHE	Model Housing Estate	Residential	1/F	8.3			61	61	61					
			5/F	19.5			61	61	61					
			9/F	30.7			61	61	61					
KCM	Kut Cheong Mansion	Residential	1/F	9.8			60	60	60					
			4/F	18.2			60	60	60					
			7/F	26.6			60	60	60					
LKB	Lai King Building	Residential	1/F	7.2			57	57	57					
			4/F	15.6			57	57	57					
			7/F	24.0			57	57	57					
FSQ	North Point Fire Services Married Quarters	Residential	1/F	6.7			63	63	63					
			4/F	15.1			63	63	63					
			7/F	23.5			63	63	63					
Act 3 - Trench Dredging/ Seawall Excavation														
NSR	**Description**	**Usage**	**Floor**	**mPD**										
SCH01	Po Leung Kuk Ngan Po Ling College	Educational	1/F	9.0		61	61							
			2/F	11.8		61	61							
			4/F	17.4		61	61							
SCH02	CCC Kei To Secondary School	Educational	1/F	9.0		62	62							
			3/F	14.6		62	62							
			6/F	23.0		62	62							
WFM	Wing Fai Mansion	Residential	1/F	21.1		59	59							
			8/F	40.7		59	59							
			15/F	60.3		59	59							
SUV	Sunrise Villa	Residential	1/F	14.3		60	60							
			18/F	61.9		60	60							
			30/F	95.5		60	60							
MHE	Model Housing Estate	Residential	1/F	8.3		62	62							
			5/F	19.5		62	62							
			9/F	30.7		62	62							
KCM	Kut Cheong Mansion	Residential	1/F	9.8		62	62							
			4/F	18.2		62	62							
			7/F	26.6		62	62							
LKB	Lai King Building	Residential	1/F	7.2		60	60							
			4/F	15.6		60	60							
			7/F	24.0		60	60							
FSQ	North Point Fire Services Married Quarters	Residential	1/F	6.7		66	66							
			4/F	15.1		66	66							
			7/F	23.5		66	66							
Act 4 - Pipe Laying														
NSR	**Description**	**Usage**	**Floor**	**mPD**										
SCH01	Po Leung Kuk Ngan Po Ling College	Educational	1/F	9.0				62	62	62				
			2/F	11.8				62	62	62				
			4/F	17.4				62	62	62				
SCH02	CCC Kei To Secondary School	Educational	1/F	9.0				63	63	63				
			3/F	14.6				63	63	63				
			6/F	23.0				63	63	63				
WFM	Wing Fai Mansion	Residential	1/F	21.1				60	60	60				
			8/F	40.7				60	60	60				
			15/F	60.3				60	60	60				
SUV	Sunrise Villa	Residential	1/F	14.3				61	61	61				
			18/F	61.9				61	61	61				
			30/F	95.5				61	61	61				
MHE	Model Housing Estate	Residential	1/F	8.3				63	63	63				
			5/F	19.5				63	63	63				
			9/F	30.7				63	63	63				
KCM	Kut Cheong Mansion	Residential	1/F	9.8				63	63	63				
			4/F	18.2				63	63	63				
			7/F	26.6				63	63	63				
LKB	Lai King Building	Residential	1/F	7.2				61	61	61				
			4/F	15.6				61	61	61				
			7/F	24.0				61	61	61				
FSQ	North Point Fire Services Married Quarters	Residential	1/F	6.7				67	67	67				
			4/F	15.1				67	67	67				
			7/F	23.5				67	67	67				

Predicted Noise Level (dB (A)) of Main Construction Activities					04 Jan 2012 - 02 Apr 2012	03 Apr 2012 - 21 Aug 2012	21 Aug 2012 - 28 Nov 2012	29 Nov 2012 - 28 Apr 2013	28 Apr 2013 - 17 May 2013	18 May 2013 - 26 Jun 2013	27 Jul 2013 - 23 Nov 2013	24 Nov 2013 - 23 Dec 2013	24 Dec 2013 - 22 Jan 2014	23 Jan 2014 - 22 Apr 2014
Act 5 - Seawall Reinstatement														
NSR	**Description**	**Usage**	**Floor**	**mPD**										
SCH01	Po Leung Kuk Ngan Po Ling College	Educational	1/F	9.0							59			
			2/F	11.8							59			
			4/F	17.4							59			
SCH02	CCC Kei To Secondary School	Educational	1/F	9.0							60			
			3/F	14.6							60			
			6/F	23.0							60			
WFM	Wing Fai Mansion	Residential	1/F	21.1							56			
			8/F	40.7							56			
			15/F	60.3							56			
SUV	Sunrise Villa	Residential	1/F	14.3							56			
			18/F	61.9							55			
			30/F	95.5							55			
MHE	Model Housing Estate	Residential	1/F	8.3							59			
			5/F	19.5							59			
			9/F	30.7							59			
KCM	Kut Cheong Mansion	Residential	1/F	9.8							59			
			4/F	18.2							59			
			7/F	26.6							59			
LKB	Lai King Building	Residential	1/F	7.2							56			
			4/F	15.6							56			
			7/F	24.0							56			
FSQ	North Point Fire Services Married Quarters	Residential	1/F	6.7							62			
			4/F	15.1							62			
			7/F	23.5							62			
Act 6 - Placement of Rockfill														
NSR	**Description**	**Usage**	**Floor**	**mPD**										
SCH01	Po Leung Kuk Ngan Po Ling College	Educational	1/F	9.0							60	60		
			2/F	11.8							60	60		
			4/F	17.4							60	60		
SCH02	CCC Kei To Secondary School	Educational	1/F	9.0							61	61		
			3/F	14.6							61	61		
			6/F	23.0							60	60		
WFM	Wing Fai Mansion	Residential	1/F	21.1							58	58		
			8/F	40.7							58	58		
			15/F	60.3							58	58		
SUV	Sunrise Villa	Residential	1/F	14.3							59	59		
			18/F	61.9							59	59		
			30/F	95.5							58	58		
MHE	Model Housing Estate	Residential	1/F	8.3							61	61		
			5/F	19.5							61	61		
			9/F	30.7							61	61		
KCM	Kut Cheong Mansion	Residential	1/F	9.8							61	61		
			4/F	18.2							61	61		
			7/F	26.6							61	61		
LKB	Lai King Building	Residential	1/F	7.2							59	59		
			4/F	15.6							59	59		
			7/F	24.0							59	59		
FSQ	North Point Fire Services Married Quarters	Residential	1/F	6.7							65	65		
			4/F	15.1							65	65		
			7/F	23.5							65	65		
Act 7 - Construction of Pigging Station														
NSR	**Description**	**Usage**	**Floor**	**mPD**										
SCH01	Po Leung Kuk Ngan Po Ling College	Educational	1/F	9.0							60	60	60	60
			2/F	11.8							60	60	60	60
			4/F	17.4							60	60	60	60
SCH02	CCC Kei To Secondary School	Educational	1/F	9.0							60	60	60	60
			3/F	14.6							60	60	60	60
			6/F	23.0							60	60	60	60
WFM	Wing Fai Mansion	Residential	1/F	21.1							56	56	56	56
			8/F	40.7							56	56	56	56
			15/F	60.3							56	56	56	56
SUV	Sunrise Villa	Residential	1/F	14.3							55	55	55	55
			18/F	61.9							54	54	54	54
			30/F	95.5							54	54	54	54
MHE	Model Housing Estate	Residential	1/F	8.3							59	59	59	59
			5/F	19.5							59	59	59	59
			9/F	30.7							58	58	58	58
KCM	Kut Cheong Mansion	Residential	1/F	9.8							56	56	56	56
			4/F	18.2							56	56	56	56
			7/F	26.6							56	56	56	56
LKB	Lai King Building	Residential	1/F	7.2							56	56	56	56
			4/F	15.6							56	56	56	56
			7/F	24.0							56	56	56	56
FSQ	North Point Fire Services Married Quarters	Residential	1/F	6.7							57	57	57	57
			4/F	15.1							57	57	57	57
			7/F	23.5							57	57	57	57
Overall Activities														
NSR	**Description**	**Usage**	**Floor**	**mPD**										
SCH01	Po Leung Kuk Ngan Po Ling College	Educational	1/F	9.0	64	61	64	64	64	62	64	63	60	60
			2/F	11.8	64	61	64	64	64	62	64	63	60	60
			4/F	17.4	64	61	64	64	64	62	64	63	60	60
SCH02	CCC Kei To Secondary School	Educational	1/F	9.0	64	62	65	65	65	63	65	63	60	60
			3/F	14.6	64	62	65	65	65	63	65	63	60	60
			6/F	23.0	64	62	65	65	65	63	65	63	60	60
WFM	Wing Fai Mansion	Residential	1/F	21.1	60	59	61	62	62	60	62	60	56	56
			8/F	40.7	60	59	61	62	62	60	62	60	56	56
			15/F	60.3	60	59	61	62	62	60	61	60	56	56
SUV	Sunrise Villa	Residential	1/F	14.3	59	60	62	62	62	61	61	60	55	55
			18/F	61.9	58	60	62	62	62	61	61	60	54	54
			30/F	95.5	58	60	61	62	62	61	61	60	54	54
MHE	Model Housing Estate	Residential	1/F	8.3	63	62	64	65	65	63	64	63	59	59
			5/F	19.5	63	62	64	65	65	63	64	63	59	59
			9/F	30.7	62	62	64	65	65	63	64	63	58	58
KCM	Kut Cheong Mansion	Residential	1/F	9.8	60	62	64	65	65	63	64	62	56	56
			4/F	18.2	60	62	64	65	65	63	64	62	56	56
			7/F	26.6	60	62	64	65	65	63	64	62	56	56
LKB	Lai King Building	Residential	1/F	7.2	60	60	62	63	63	61	62	61	56	56
			4/F	15.6	60	60	62	63	63	61	62	61	56	56
			7/F	24.0	60	60	62	63	63	61	62	61	56	56
FSQ	North Point Fire Services Married Quarters	Residential	1/F	6.7	61	66	68	68	68	67	67	66	57	57
			4/F	15.1	61	66	68	68	68	67	67	66	57	57
			7/F	23.5	61	66	68	68	68	67	67	66	57	57