

Appendix 4.3 Unmitigated Construction Noise Impact of Reprovisioning Option B

Noise Sensitive Receiver						2015				2016				2017				2018				2019				2020				2021				2022			
KT-N1 - Cheong Kat Mansion	SWL	Dist.(m) ¹	DC ²	FC ³	CNL, dB(A)	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Kennedy Town CDA Decontamination Works																																					
Stage 1																																					
Preliminaries	117	42	41	3	79			79	79																												
Excavate and Cement Solidification at Zone 1C	119	48	42	3	80			80	80	80	80	80	80																								
Excavate and Cement Solidification at Zone 1A	119	282	57	3	65			65	65	65	65	65	65																								
Excavate and Cement Solidification at Zone 1B	119	114	49	3	73			73	73	73																											
Reinstate Zone 1C	119	48	42	3	80								80	80																							
Reinstate Zone 1A	119	282	57	3	65								65																								
Reprovision RCP (by others)	118	297	57	3	64									64	64	64	64	64	64	64																	
Reprovision Car Park (by others)	118	90	47	3	74									74	74																						
Foundation for Biopiles at Zone 3	119	228	55	3	67			67	67																												
Form Biopile at Zone 3	118	228	55	3	66			66	66	66																											
Operate Biopile at Zone 3	111	228	55	3	59					59	59																										
Decomission Biopile at Zone 3	117	228	55	3	65																																
Reinstate Zone 1B	119	114	49	3	73																																
Excavate and Cement Solidification at Zone 4	119	42	41	3	81					81	81	81																									
Excavate and Cement Solidification at Zone 5A	119	87	47	3	75													75	75	75																	
Excavate and Cement Solidification at Zone 5B	119	93	47	3	75													75	75	75																	
Form Biopile at Zone 3	118	228	55	3	66													66	66	66																	
Operate Biopile at Zone 3	111	228	55	3	59																59	59	59	59													
Decomission Biopile at Zone 3	117	228	55	3	65																																
Reinstate Zone 4	119	42	41	3	81																																
Excavate and Cement Solidification at Zone 2	119	153	52	3	70																																
Form Biopile at Zone 3	118	228	55	3	66																																
Operate Biopile at Zone 3	111	228	55	3	59																																
Decomission Biopile at Zone 3	117	228	55	3	65																																
Reinstate Zone 2	119	153	52	3	70																																
Reinstate Zone 5A	119	87	47	3	75																																
Excavate and Cement Solidification at Zone 3	119	228	55	3	67																																
Foundation for Biopiles at Zone 2	119	153	52	3	70																																
Form Biopile at Zone 2	118	153	52	3	69																																
Operate Biopile at Zone 2	111	153	52	3	62																																
Decomission Biopile at Zone 2	117	153	52	3	68																																
Reinstate Zone 3	119	228	55	3	67																																
Reinstate Zone 5B and remaining works	119	93	47	3	75																																
Unmitigated Noise Impact, dB(A)								79	81	81	81	81	85	86	82	80	80	78	71	71	70	82	66	67	59	59	59	77	78	71	71	70	62	62	76	76	
Planned Residential Development at the Ka Wai Man Road and Ex-mount Davis Cottage Area																																					
Activity 1 - Demolition	116	360	59	3	60			60																													
Activity 2 - Foundation	119	360	59	3	63			63	63	63	63	63	63	63	63	63	63																				
Activity 3 - Sub-structure	120	360	59	3	64																																
Activity 4 - Superstructure	118	360	59	3	62																																
Cumulative Noise Impact, dB(A)								79	81	81	81	81	85	86	82	80	80	79	72	72	71	82	68	69	65	64	64	77	78	72	72	70	65	65	77	76	

Remarks:
 1. Slant distance is adopted for the construction noise assessment
 2. Distance correction in dB(A)
 3. Facade correction in dB(A)
Bold figures denote exceedance of relevant noise criteria

Noise Sensitive Receiver						2015				2016				2017				2018				2019				2020				2021				2022				
KT-N2 - The Merton (Block 2)	SWL	Dist.(m) ¹	DC ²	FC ³	CNL, dB(A)	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
Kennedy Town CDA Decontamination Works																																						
Stage 1																																						
Preliminaries	117	45	41	3	79			79	79																													
Excavate and Cement Solidification at Zone 1C	119	45	41	3	81				81	81	81	81	81	81																								
Excavate and Cement Solidification at Zone 1A	119	288	57	3	65				65	65	65	65	65	65																								
Excavate and Cement Solidification at Zone 1B	119	114	49	3	73				73	73	73	73																										
Reinstate Zone 1C	119	45	41	3	81								81	81																								
Reinstate Zone 1A	119	288	57	3	65								65	65																								
Reprovision RCP (by others)	118	303	58	3	63								63	63	63	63	63	63	63																			
Reprovision Car Park (by others)	118	60	44	3	77								77	77																								
Foundation for Biopiles at Zone 3	119	240	56	3	66				66	66																												
Form Biopile at Zone 3	118	240	56	3	65				65	65	65																											
Operate Biopile at Zone 3	111	240	56	3	58						58	58	58	58																								
Decomission Biopile at Zone 3	117	240	56	3	64																				64													
Reinstate Zone 1B	119	114	49	3	73																				73	73												
Excavate and Cement Solidification at Zone 4	119	69	45	3	77								77	77	77																							
Excavate and Cement Solidification at Zone 5A	119	103	48	3	74																					74	74	74										
Excavate and Cement Solidification at Zone 5B	119	123	50	3	72																					72	72	72										
Form Biopile at Zone 3	118	240	56	3	65																					65	65	65										
Operate Biopile at Zone 3	111	240	56	3	58																					58	58	58	58									
Decomission Biopile at Zone 3	117	240	56	3	64																																	
Reinstate Zone 4	119	69	45	3	77																																	
Excavate and Cement Solidification at Zone 2	119	174	53	3	69																																	
Form Biopile at Zone 3	118	240	56	3	65																																	
Operate Biopile at Zone 3	111	240	56	3	58																																	
Decomission Biopile at Zone 3	117	240	56	3	64																																	
Reinstate Zone 2	119	153	52	3	70																																	
Reinstate Zone 5A	119	103	48	3	74																																	
Excavate and Cement Solidification at Zone 3	119	240	56	3	66																																	
Foundation for Biopiles at Zone 2	119	174	53	3	69																																	
Form Biopile at Zone 2	118	174	53	3	68																																	
Operate Biopile at Zone 2	111	174	53	3	61																																	
Decomission Biopile at Zone 2	117	174	53	3	67																																	
Reinstate Zone 3	119	240	56	3	66																																	
Reinstate Zone 5B and remaining works	119	123	50	3	72																																	
Unmitigated Noise Impact, dB(A)								79	82	82	82	82	85	86	80	78	78	77	70	70	69	78	65	66	58	58	58	76	77	70	70	69	61	61	61	61	74	74
Planned Residential Development at the Ka Wai Man Road and Ex-mount Davis Cottage Area																																						
Activity 1 - Demolition	116	432	61	3	58				58																													
Activity 2 - Foundation	119	432	61	3	61																																	
Activity 3 - Sub-structure	120	432	61	3	62																																	
Activity 4 - Superstructure	118	432	61	3	60																																	
Cumulative Noise Impact, dB(A)								79	82	82	82	82	85	86	80	78	78	77	71	71	70	78	67	67	63	62	62	76	77	71	71	69	64	64	64	74	74	

Remarks:
1. Slant distance is adopted for the construction noise assessment
2. Distance correction in dB(A)
3. Facade correction in dB(A)
Bold figures denote exceedance of relevant noise criteria

Noise Sensitive Receiver	SWL	Dist.(m) ¹	DC ²	FC ³	CNL, dB(A)	2015				2016				2017				2018				2019				2020				2021				2022			
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
KT-N3 - Centenary Mansion																																					
Kennedy Town CDA Decontamination Works																																					
Stage 1																																					
Preliminaries	117	48	42	3	78			78	78																												
Excavate and Cement Solidification at Zone 1C	119	96	48	3	74				74	74	74	74	74	74																							
Excavate and Cement Solidification at Zone 1A	119	246	56	3	66				66	66	66	66	66	66																							
Excavate and Cement Solidification at Zone 1B	119	114	49	3	73				73	73	73	73																									
Reinstate Zone 1C	119	96	48	3	74								74	74																							
Reinstate Zone 1A	119	246	56	3	66								66	66																							
Reprovision RCP (by others)	118	267	57	3	64								64	64	64	64	64	64	64																		
Reprovision Car Park (by others)	118	150	52	3	69								69	69																							
Foundation for Biopiles at Zone 3	119	198	54	3	68				68	68																											
Form Biopile at Zone 3	118	198	54	3	67					67	67	67																									
Operate Biopile at Zone 3	111	198	54	3	60							60	60	60	60																						
Decomission Biopile at Zone 3	117	198	54	3	66											66																					
Reinstate Zone 1B	119	114	49	3	73											73	73																				
Excavate and Cement Solidification at Zone 4	119	48	42	3	80							80	80	80																							
Excavate and Cement Solidification at Zone 5A	119	81	46	3	76									76	76	76																					
Excavate and Cement Solidification at Zone 5B	119	60	44	3	78									78	78	78																					
Form Biopile at Zone 3	118	198	54	3	67									67	67	67																					
Operate Biopile at Zone 3	111	198	54	3	60													60	60	60	60																
Decomission Biopile at Zone 3	117	198	54	3	66																	66															
Reinstate Zone 4	119	48	42	3	80																	80															
Excavate and Cement Solidification at Zone 2	119	126	50	3	72														72	72	72																
Form Biopile at Zone 3	118	198	54	3	67																	67	67	67													
Operate Biopile at Zone 3	111	198	54	3	60																			60	60	60	60										
Decomission Biopile at Zone 3	117	198	54	3	66																							66	66								
Reinstate Zone 2	119	153	52	3	70																							70	70								
Reinstate Zone 5A	119	81	46	3	76																							76	76								
Excavate and Cement Solidification at Zone 3	119	198	54	3	68																							68	68	68	68						
Foundation for Biopiles at Zone 2	119	126	50	3	72																								72								
Form Biopile at Zone 2	118	126	50	3	71																									71	71	71					
Operate Biopile at Zone 2	111	126	50	3	64																											64	64				
Decomission Biopile at Zone 2	117	126	50	3	70																												70				
Reinstate Zone 3	119	198	54	3	68																												68				
Reinstate Zone 5B and remaining works	119	60	44	3	78																												78				
Unmitigated Noise Impact, dB(A)								78	77	78	77	77	82	82	80	81	81	80	73	73	72	81	67	68	60	60	60	78	79	73	73	72	64				
Planned Residential Development at the Ka Wai Man Road and Ex-mount Davis Cottage Area																																					
Activity 1 - Demolition	116	291	57	3	62				62																												
Activity 2 - Foundation	119	291	57	3	65				65	65	65	65	65	65	65	65	65																				
Activity 3 - Sub-structure	120	291	57	3	66													66	66	66	66	66	66	66	66												
Activity 4 - Superstructure	118	291	57	3	64																					64	64	64	64	64	64	64	64				
Cumulative Noise Impact, dB(A)								78	78	78	78	78	82	82	81	81	81	81	74	74	73	81	70	70	67	65	65	78	79	73	73	72	67				

Remarks:
1. Slant distance is adopted for the construction noise assessment
2. Distance correction in dB(A)
3. Facade correction in dB(A)
Bold figures denote exceedance of relevant noise criteria

Noise Sensitive Receiver	SWL	Dist.(m) ¹	DC ²	FC ³	CNL, dB(A)	2015				2016				2017				2018				2019				2020				2021				2022			
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Kennedy Town CDA Decontamination Works																																					
Stage 1																																					
Preliminaries	117	60	44	3	76			76	76																												
Excavate and Cement Solidification at Zone 1C	119	156	52	3	70					70	70	70	70	70																							
Excavate and Cement Solidification at Zone 1A	119	138	51	3	71					71	71	71	71	71																							
Excavate and Cement Solidification at Zone 1B	119	123	50	3	72					72	72	72																									
Reinstate Zone 1C	119	156	52	3	70								70	70																							
Reinstate Zone 1A	119	138	51	3	71								71	71																							
Reprovision RCP (by others)	118	168	53	3	68									68	68	68	68	68	68	68																	
Reprovision Car Park (by others)	118	192	54	3	67									67	67																						
Foundation for Biopiles at Zone 3	119	90	47	3	75					75	75																										
Form Biopile at Zone 3	118	90	47	3	74																																
Operate Biopile at Zone 3	111	90	47	3	67																																
Decomission Biopile at Zone 3	117	90	47	3	73																73																
Reinstate Zone 1B	119	123	50	3	72																72	72															
Excavate and Cement Solidification at Zone 4	119	126	50	3	72								72	72	72																						
Excavate and Cement Solidification at Zone 5A	119	105	48	3	74																																
Excavate and Cement Solidification at Zone 5B	119	81	46	3	76																																
Form Biopile at Zone 3	118	90	47	3	74																																
Operate Biopile at Zone 3	111	90	47	3	67																																
Decomission Biopile at Zone 3	117	90	47	3	73																																
Reinstate Zone 4	119	126	50	3	72																																
Excavate and Cement Solidification at Zone 2	119	60	44	3	78																																
Form Biopile at Zone 3	118	90	47	3	74																																
Operate Biopile at Zone 3	111	90	47	3	67																																
Decomission Biopile at Zone 3	117	90	47	3	73																																
Reinstate Zone 2	119	153	52	3	70																																
Reinstate Zone 5A	119	105	48	3	74																																
Excavate and Cement Solidification at Zone 3	119	90	47	3	75																																
Foundation for Biopiles at Zone 2	119	60	44	3	78																																
Form Biopile at Zone 2	118	60	44	3	77																																
Operate Biopile at Zone 2	111	60	44	3	70																																
Decomission Biopile at Zone 2	117	60	44	3	76																																
Reinstate Zone 3	119	90	47	3	75																																
Reinstate Zone 5B and remaining works	119	81	46	3	76																																
Unmitigated Noise Impact, dB(A)								76	78	80	78	78	78	79	75	81	81	80	79	79	78	81	74	75	67	67	67	79	82	79	79	78	70	70	81	80	
Planned Residential Development at the Ka Wai Man Road and Ex-mount Davis Cottage Area																																					
Activity 1 - Demolition	116	165	52	3	67					67																											
Activity 2 - Foundation	119	165	52	3	70																																
Activity 3 - Sub-structure	120	165	52	3	71																																
Activity 4 - Superstructure	118	165	52	3	69																																
Cumulative Noise Impact, dB(A)								77	79	80	79	79	79	79	76	82	81	81	79	79	79	81	76	76	72	71	71	80	82	80	80	78	73	73	81	81	

Remarks:
1. Slant distance is adopted for the construction noise assessment
2. Distance correction in dB(A)
3. Facade correction in dB(A)
Bold figures denote exceedance of relevant noise criteria

Noise Sensitive Receiver						2015				2016				2017				2018				2019				2020				2021				2022					
KT-N5 - Bayanihan Kennedy Town Centre	SWL	Dist.(m) ¹	DC ²	FC ³	CNL, dB(A)	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
Kennedy Town CDA Decontamination Works																																							
Stage 1																																							
Preliminaries	117	87	47	3	73			73	73																														
Excavate and Cement Solidification at Zone 1C	119	270	57	3	65				65	65	65	65	65																										
Excavate and Cement Solidification at Zone 1A	119	87	47	3	75				75	75	75	75	75	75																									
Excavate and Cement Solidification at Zone 1B	119	213	55	3	67				67	67	67																												
Reinstate Zone 1C	119	270	57	3	65							65	65																										
Reinstate Zone 1A	119	87	47	3	75							75	75																										
Reprovision RCP (by others)	118	108	49	3	72								72	72	72	72	72	72	72	72																			
Reprovision Car Park (by others)	118	285	57	3	64								64	64																									
Foundation for Biopiles at Zone 3	119	87	47	3	75				75	75																													
Form Biopile at Zone 3	118	87	47	3	74				74	74	74																												
Operate Biopile at Zone 3	111	87	47	3	67						67	67																											
Decomission Biopile at Zone 3	117	87	47	3	73																																		
Reinstate Zone 1B	119	213	55	3	67																																		
Excavate and Cement Solidification at Zone 4	119	258	56	3	66							66	66	66																									
Excavate and Cement Solidification at Zone 5A	119	216	55	3	67																																		
Excavate and Cement Solidification at Zone 5B	119	195	54	3	68																																		
Form Biopile at Zone 3	118	87	47	3	74																																		
Operate Biopile at Zone 3	111	87	47	3	67																																		
Decomission Biopile at Zone 3	117	87	47	3	73																																		
Reinstate Zone 4	119	258	56	3	66																																		
Excavate and Cement Solidification at Zone 2	119	135	51	3	71																																		
Form Biopile at Zone 3	118	87	47	3	74																																		
Operate Biopile at Zone 3	111	87	47	3	67																																		
Decomission Biopile at Zone 3	117	87	47	3	73																																		
Reinstate Zone 2	119	153	52	3	70																																		
Reinstate Zone 5A	119	216	55	3	67																																		
Excavate and Cement Solidification at Zone 3	119	87	47	3	75																																		
Foundation for Biopiles at Zone 2	119	135	51	3	71																																		
Form Biopile at Zone 2	118	135	51	3	70																																		
Operate Biopile at Zone 2	111	135	51	3	63																																		
Decomission Biopile at Zone 2	117	135	51	3	69																																		
Reinstate Zone 3	119	87	47	3	75																																		
Reinstate Zone 5B and remaining works	119	195	54	3	68																																		
Unmitigated Noise Impact, dB(A)								73	79	80	78	78	79	80	74	79	78	78	75	75	72	78	74	75	67	67	67	78	79	76	76	71	63	63	77	77			
Planned Residential Development at the Ka Wai Man Road and Ex-mount Davis Cottage Area																																							
Activity 1 - Demolition	116	90	47	3	72				72																														
Activity 2 - Foundation	119	90	47	3	75				75	75	75	75	75	75	75	75	75																						
Activity 3 - Sub-structure	120	90	47	3	76																																		
Activity 4 - Superstructure	118	90	47	3	74																																		
Cumulative Noise Impact, dB(A)								76	80	81	80	80	80	81	78	80	79	80	79	78	78	80	78	78	77	75	75	80	80	78	78	76	74	74	79	79			

Remarks:
1. Slant distance is adopted for the construction noise assessment
2. Distance correction in dB(A)
3. Facade correction in dB(A)
Bold figures denote exceedance of relevant noise criteria

Noise Sensitive Receiver	SWL	Dist.(m) ¹	DC ²	FC ³	CNL, dB(A)	2015				2016				2017				2018				2019				2020				2021				2022			
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
KT-N6 - Kennedy Town Jockey Club Clinic																																					
Kennedy Town CDA Decontamination Works																																					
Stage 1																																					
Preliminaries	117	48	42	3	78			78	78																												
Excavate and Cement Solidification at Zone 1C	119	177	53	3	69				69	69	69	69	69	69																							
Excavate and Cement Solidification at Zone 1A	119	96	48	3	74				74	74	74	74	74	74																							
Excavate and Cement Solidification at Zone 1B	119	126	50	3	72				72	72	72	72																									
Reinstate Zone 1C	119	177	53	3	69								69	69																							
Reinstate Zone 1A	119	96	48	3	74								74	74																							
Reprovision RCP (by others)	118	123	50	3	71									71	71	71	71	71	71	71																	
Reprovision Car Park (by others)	118	204	54	3	67									67	67																						
Foundation for Biopiles at Zone 3	119	48	42	3	80				80	80																											
Form Biopile at Zone 3	118	48	42	3	79					79	79	79																									
Operate Biopile at Zone 3	111	48	42	3	72							72	72	72	72																						
Decomission Biopile at Zone 3	117	48	42	3	78												78																				
Reinstate Zone 1B	119	126	50	3	72												72	72																			
Excavate and Cement Solidification at Zone 4	119	159	52	3	70							70	70	70																							
Excavate and Cement Solidification at Zone 5A	119	123	50	3	72												72	72	72																		
Excavate and Cement Solidification at Zone 5B	119	102	48	3	74												74	74	74																		
Form Biopile at Zone 3	118	48	42	3	79												79	79	79																		
Operate Biopile at Zone 3	111	48	42	3	72													72	72	72	72																
Decomission Biopile at Zone 3	117	48	42	3	78																	78															
Reinstate Zone 4	119	159	52	3	70																	70															
Excavate and Cement Solidification at Zone 2	119	51	42	3	80													80	80	80		80															
Form Biopile at Zone 3	118	48	42	3	79																	79	79	79													
Operate Biopile at Zone 3	111	48	42	3	72																			72	72	72	72										
Decomission Biopile at Zone 3	117	48	42	3	78																							78	78								
Reinstate Zone 2	119	153	52	3	70																							70	70								
Reinstate Zone 5A	119	123	50	3	72																							72	72								
Excavate and Cement Solidification at Zone 3	119	48	42	3	80																							80	80	80	80						
Foundation for Biopiles at Zone 2	119	51	42	3	80																							80									
Form Biopile at Zone 2	118	51	42	3	79																									79	79	79					
Operate Biopile at Zone 2	111	51	42	3	72																									72	72						
Decomission Biopile at Zone 2	117	51	42	3	78																									78	78						
Reinstate Zone 3	119	48	42	3	80																									80	80						
Reinstate Zone 5B and remaining works	119	102	48	3	74																									74	74						
Unmitigated Noise Impact, dB(A)								78	82	84	81	82	80	80	76	83	82	82	81	81	81	84	79	80	72	72	72	83	85	83	83	80	72	72	83	83	
Planned Residential Development at the Ka Wai Man Road and Ex-mount Davis Cottage Area																																					
Activity 1 - Demolition	116	180	53	3	66				66																												
Activity 2 - Foundation	119	180	53	3	69				69	69	69	69	69	69	69	69	69																				
Activity 3 - Sub-structure	120	180	53	3	70													70	70	70	70	70	70	70	70												
Activity 4 - Superstructure	118	180	53	3	68																					68	68	68	68	68	68	68	68	68	68	68	
Cumulative Noise Impact, dB(A)								78	82	84	81	82	80	81	77	83	82	82	81	81	81	84	80	80	74	73	73	83	85	83	83	80	73	73	83	83	

Remarks:
1. Slant distance is adopted for the construction noise assessment
2. Distance correction in dB(A)
3. Facade correction in dB(A)
Bold figures denote exceedance of relevant noise criteria

Noise Sensitive Receiver						2015				2016				2017				2018				2019				2020				2021				2022			
KT-N7 - Lui Ming Choi Memorial Primary School	SWL	Dist.(m) ¹	DC ²	FC ³	CNL, dB(A)	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Kennedy Town CDA Decontamination Works																																					
Stage 1																																					
Preliminaries	117	81	46	3	74			74	74																												
Excavate and Cement Solidification at Zone 1C	119	195	54	3	68				68	68	68	68	68																								
Excavate and Cement Solidification at Zone 1A	119	129	50	3	72				72	72	72	72	72																								
Excavate and Cement Solidification at Zone 1B	119	153	52	3	70				70	70	70	70																									
Reinstate Zone 1C	119	195	54	3	68								68	68																							
Reinstate Zone 1A	119	129	50	3	72								72	72																							
Reprovision RCP (by others)	118	156	52	3	69									69	69	69	69	69	69	69																	
Reprovision Car Park (by others)	118	228	55	3	66									66	66																						
Foundation for Biopiles at Zone 3	119	84	46	3	76				76	76																											
Form Biopile at Zone 3	118	84	46	3	75					75	75	75																									
Operate Biopile at Zone 3	111	84	46	3	68							68	68	68	68																						
Decomission Biopile at Zone 3	117	84	46	3	74																74																
Reinstate Zone 1B	119	153	52	3	70																70	70															
Excavate and Cement Solidification at Zone 4	119	165	52	3	70								70	70	70																						
Excavate and Cement Solidification at Zone 5A	119	138	51	3	71																																
Excavate and Cement Solidification at Zone 5B	119	117	49	3	73																																
Form Biopile at Zone 3	118	84	46	3	75																																
Operate Biopile at Zone 3	111	84	46	3	68													68	68	68	68																
Decomission Biopile at Zone 3	117	84	46	3	74																																
Reinstate Zone 4	119	165	52	3	70																																
Excavate and Cement Solidification at Zone 2	119	81	46	3	76																																
Form Biopile at Zone 3	118	84	46	3	75																																
Operate Biopile at Zone 3	111	84	46	3	68																																
Decomission Biopile at Zone 3	117	84	46	3	74																																
Reinstate Zone 2	119	153	52	3	70																																
Reinstate Zone 5A	119	138	51	3	71																																
Excavate and Cement Solidification at Zone 3	119	84	46	3	76																																
Foundation for Biopiles at Zone 2	119	81	46	3	76																																
Form Biopile at Zone 2	118	81	46	3	75																																
Operate Biopile at Zone 2	111	81	46	3	68																																
Decomission Biopile at Zone 2	117	81	46	3	74																																
Reinstate Zone 3	119	84	46	3	76																																
Reinstate Zone 5B and remaining works	119	117	49	3	73																																
Unmitigated Noise Impact, dB(A)								74	79	80	78	78	78	79	75	80	79	79	77	77	77	80	75	76	68	68	68	79	81	79	79	76	68	68	80	79	
Planned Residential Development at the Ka Wai Man Road and Ex-mount Davis Cottage Area																																					
Activity 1 - Demolition	116	138	51	3	68				68																												
Activity 2 - Foundation	119	138	51	3	71																																
Activity 3 - Sub-structure	120	138	51	3	72																																
Activity 4 - Superstructure	118	138	51	3	70																																
Cumulative Noise Impact, dB(A)								75	79	81	79	79	79	79	76	81	80	80	78	78	78	81	77	77	73	72	72	80	81	79	79	77	72	72	80	80	

Remarks:
1. Slant distance is adopted for the construction noise assessment
2. Distance correction in dB(A)
3. Facade correction in dB(A)
Bold figures denote exceedance of relevant noise criteria

Noise Sensitive Receiver	SWL	Dist.(m) ¹	DC ²	FC ³	CNL, dB(A)	2015				2016				2017				2018				2019				2020				2021				2022			
						Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Kennedy Town CDA Decontamination Works																																					
Stage 1																																					
Preliminaries	117	123	50	3	70																																
Excavate and Cement Solidification at Zone 1C	119	339	59	3	63																																
Excavate and Cement Solidification at Zone 1A	119	123	50	3	72																																
Excavate and Cement Solidification at Zone 1B	119	276	57	3	65																																
Reinstate Zone 1C	119	339	59	3	63																																
Reinstate Zone 1A	119	123	50	3	72																																
Reprovision RCP (by others)	118	123	50	3	71																																
Reprovision Car Park (by others)	118	348	59	3	62																																
Foundation for Biopiles at Zone 3	119	147	51	3	71																																
Form Biopile at Zone 3	118	147	51	3	70																																
Operate Biopile at Zone 3	111	147	51	3	63																																
Decomission Biopile at Zone 3	117	147	51	3	69																																
Reinstate Zone 1B	119	276	57	3	65																																
Excavate and Cement Solidification at Zone 4	119	336	59	3	63																																
Excavate and Cement Solidification at Zone 5A	119	291	57	3	65																																
Excavate and Cement Solidification at Zone 5B	119	273	57	3	65																																
Form Biopile at Zone 3	118	147	51	3	70																																
Operate Biopile at Zone 3	111	147	51	3	63																																
Decomission Biopile at Zone 3	117	147	51	3	69																																
Reinstate Zone 4	119	336	59	3	63																																
Excavate and Cement Solidification at Zone 2	119	210	54	3	68																																
Form Biopile at Zone 3	118	147	51	3	70																																
Operate Biopile at Zone 3	111	147	51	3	63																																
Decomission Biopile at Zone 3	117	147	51	3	69																																
Reinstate Zone 2	119	153	52	3	70																																
Reinstate Zone 5A	119	291	57	3	65																																
Excavate and Cement Solidification at Zone 3	119	147	51	3	71																																
Foundation for Biopiles at Zone 2	119	210	54	3	68																																
Form Biopile at Zone 2	118	210	54	3	67																																
Operate Biopile at Zone 2	111	210	54	3	60																																
Decomission Biopile at Zone 2	117	210	54	3	66																																
Reinstate Zone 3	119	147	51	3	71																																
Reinstate Zone 5B and remaining works	119	273	57	3	65																																
Unmitigated Noise Impact, dB(A)																																					
Planned Residential Development at the Ka Wai Man Road and Ex-mount Davis Cottage Area																																					
Activity 1 - Demolition	116	63	44	3	75																																
Activity 2 - Foundation	119	63	44	3	78																																
Activity 3 - Sub-structure	120	63	44	3	79																																
Activity 4 - Superstructure	118	63	44	3	77																																
Cumulative Noise Impact, dB(A)																																					

Remarks:
1. Slant distance is adopted for the construction noise assessment
2. Distance correction in dB(A)
3. Facade correction in dB(A)
Bold figures denote exceedance of relevant noise criteria

