Mitigated Construction Noise for TCE

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario for Tung Chung East

		2023								2024												2025											
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCE Station East Side Retaining Wall Foundation Construction																																	
TCE Station East Side Retaining Wall Foundation Construction (Zone E1)	103					103	103	103	103	103	103	103	103	103	103	103																	
TCE Station East Side Retaining Wall Foundation Construction (Zone E2)	103					103	103	103	103	103	103	103	103	103	103	103																	
TCE Station East Side Retaining Wall Foundation Construction (Zone E3)	100					100	100	100	100	100	100	100	100	100	100	100																	
TCE Station East Side Retaining Wall Foundation Construction (Zone E4)	103					103	103	103	103	103	103	103	103	103	103	103																	
TCE Station East Side Retaining Wall Foundation Construction (Zone E5)	100					100	100	100	100	100	100	100	100	100	100	100																	
TCE Station East Side Retaining Wall Foundation Construction (Zone E6)	100					100	100	100	100	100	100	100	100	100	100	100																	
TCE Station East Side Retaining Wall Foundation Construction (Zone E7)	100					100	100	100	100	100	100	100	100	100	100	100																	
TCE Station East Side Retaining Wall Foundation Construction (Zone E8)	103					103	103	103	103	103	103	103	103	103	103	103																	
TCE Station East Side Retaining Wall Foundation Construction (Zone E9)	103					103	103	103	103	103	103	103	103	103	103	103																	
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures																																	
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E1)	106									106	106	106	106	106	106	106	106	106	106	106	106	106	106	106									
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E2)	106									106	106	106	106	106	106	106	106	106	106	106	106	106	106	106									
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E3)	106									106	106	106	106	106	106	106	106	106	106	106	106	106	106	106									
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E4)	106									106	106	106	106	106	106	106	106	106	106	106	106	106	106	106									
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E5)	106									106	106	106	106	106	106	106	106	106	106	106	106	106	106	106									
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E6)	106									106	106	106	106	106	106	106	106	106	106	106	106	106	106	106									
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E7)	106									106	106	106	106	106	106	106	106	106	106	106	106	106	106	106									
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E8)	106									106	106	106	106	106	106	106	106	106	106	106	106	106	106	106									
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E9)	106									106	106	106	106	106	106	106	106	106	106	106	106	106	106	106									
TCE Station East Side Site Clearance / Site Formation																																	
TCE Station East Side Site Clearance / Site Formation (Zone E1)	109	109	109	109	109	109	109	109	109	109	109	109	109	109																			
TCE Station East Side Site Clearance / Site Formation (Zone E2)	109	109	109	109	109	109	109	109	109	109	109	109	109	109																			
TCE Station East Side Site Clearance / Site Formation (Zone E3)	109	109	109	109	109	109	109	109	109	109	109	109	109	109																			
TCE Station East Side Site Clearance / Site Formation (Zone E4)	109	109	109	109	109	109	109	109	109	109	109	109	109	109																			
TCE Station East Side Site Clearance / Site Formation (Zone E5)	107	107	107	107	107	107	107	107	107	107	107	107	107	107																			
TCE Station East Side Site Clearance / Site Formation (Zone E6)	107	107	107	107	107	107	107	107	107	107	107	107	107	107																			
TCE Station East Side Site Clearance / Site Formation (Zone E7)	107	107	107	107	107	107	107	107	107	107	107	107	107	107																			
TCE Station East Side Site Clearance / Site Formation (Zone E8)	107	107	107	107	107	107	107	107	107	107	107	107	107	107																			
TCE Station East Side Site Clearance / Site Formation (Zone E9)	107	107	107	107	107	107	107	107	107	107	107	107	107	107																			
TCE Station East Side Site Formation for U/T Diversion																																	
TCE Station East Side Site Formation for U/T Diversion (Zone E2)	102																																
TCE Station East Side Site Formation for U/T Diversion (Zone E3)	102																																
TCE Station East Side Site Formation for U/T Diversion (Zone E4)	103						103	103	103	103	103	103																					
TCE Station East Side Site Reinstatement																																	
TCE Station East Side Site Reinstatement (Zone E1)	104																																
TCE Station East Side Site Reinstatement (Zone E2)	104																																
TCE Station East Side Site Reinstatement (Zone E3)	104																																
TCE Station East Side Site Reinstatement (Zone E4)	104																																
TCE Station East Side Site Reinstatement (Zone E5)	104																																
TCE Station East Side Utilities, Road and Drainage Reinstatement																																	
TCE Station East Side Utilities, Road and Drainage Reinstatement (Zone E6)	108																							108	108	108	108	108					
TCE Station East Side Utilities, Road and Drainage Reinstatement (Zone E7)	108																							108	108	108	108	108					
TCE Station East Side Utilities, Road and Drainage Reinstatement (Zone E8)	108																							108	108	108	108	108					
TCE Station East Side Utilities, Road and Drainage Reinstatement (Zone E9)	108																							108	108	108	108	108					
TCE Station East Side Removal of abandoned D/T																																	
TCE Station East Side Removal of abandoned D/T (Zone E1)	98																																
TCE Station East Side Removal of abandoned D/T (Zone E2)	98																																
TCE Station East Side Removal of abandoned D/T (Zone E3)	98																																
TCE Station East Side Removal of abandoned D/T (Zone E4)	98																																
TCE Station East Side Removal of abandoned D/T (Zone E5)	98																																
TCE Station East Side Removal of abandoned U/T																																	
TCE Station East Side Removal of abandoned U/T (Zone E1)	98																																
TCE Station East Side Removal of abandoned U/T (Zone E2)	98																																
TCE Station East Side Removal of abandoned U/T (Zone E3)	98																																
TCE Station East Side Removal of abandoned U/T (Zone E4)	98																																
TCE Station East Side Removal of abandoned U/T (Zone E5)	98																																
TCE Station East Side Stationary Plants																																	
TCE Station East Side Stationary Plants (S1)	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101					

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario for Tung Chung East

		2026												2027												2028											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCE Station East Side Retaining Wall Foundation Construction																																					
TCE Station East Side Retaining Wall Foundation Construction (Zone E1)	103																																				
TCE Station East Side Retaining Wall Foundation Construction (Zone E2)	103																																				
TCE Station East Side Retaining Wall Foundation Construction (Zone E3)	100																																				
TCE Station East Side Retaining Wall Foundation Construction (Zone E4)	103																																				
TCE Station East Side Retaining Wall Foundation Construction (Zone E5)	100																																				
TCE Station East Side Retaining Wall Foundation Construction (Zone E6)	100																																				
TCE Station East Side Retaining Wall Foundation Construction (Zone E7)	100																																				
TCE Station East Side Retaining Wall Foundation Construction (Zone E8)	103																																				
TCE Station East Side Retaining Wall Foundation Construction (Zone E9)	103																																				
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures																																					
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E1)	106																																				
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E2)	106																																				
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E3)	106																																				
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E4)	106																																				
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E5)	106																																				
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E6)	106																																				
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E7)	106																																				
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E8)	106																																				
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E9)	106																																				
TCE Station East Side Site Clearance / Site Formation																																					
TCE Station East Side Site Clearance / Site Formation (Zone E1)	109																																				
TCE Station East Side Site Clearance / Site Formation (Zone E2)	109																																				
TCE Station East Side Site Clearance / Site Formation (Zone E3)	109																																				
TCE Station East Side Site Clearance / Site Formation (Zone E4)	109																																				
TCE Station East Side Site Clearance / Site Formation (Zone E5)	107																																				
TCE Station East Side Site Clearance / Site Formation (Zone E6)	107																																				
TCE Station East Side Site Clearance / Site Formation (Zone E7)	107																																				
TCE Station East Side Site Clearance / Site Formation (Zone E8)	107																																				
TCE Station East Side Site Clearance / Site Formation (Zone E9)	107																																				
TCE Station East Side Site Formation for U/T Diversion																																					
TCE Station East Side Site Formation for U/T Diversion (Zone E2)	102																												102	102	102	102	102	102	102	102	102
TCE Station East Side Site Formation for U/T Diversion (Zone E3)	102																												102	102	102	102	102	102	102	102	102
TCE Station East Side Site Formation for U/T Diversion (Zone E4)	103																																				
TCE Station East Side Site Reinstatement																																					
TCE Station East Side Site Reinstatement (Zone E1)	104																																				
TCE Station East Side Site Reinstatement (Zone E2)	104																																				
TCE Station East Side Site Reinstatement (Zone E3)	104																																				
TCE Station East Side Site Reinstatement (Zone E4)	104																																				
TCE Station East Side Site Reinstatement (Zone E5)	104																																				
TCE Station East Side Utilities, Road and Drainage Reinstatement																																					
TCE Station East Side Utilities, Road and Drainage Reinstatement (Zone E6)	108																																				
TCE Station East Side Utilities, Road and Drainage Reinstatement (Zone E7)	108																																				
TCE Station East Side Utilities, Road and Drainage Reinstatement (Zone E8)	108																																				
TCE Station East Side Utilities, Road and Drainage Reinstatement (Zone E9)	108																																				
TCE Station East Side Removal of abandoned D/T																																					
TCE Station East Side Removal of abandoned D/T (Zone E1)	98																																				
TCE Station East Side Removal of abandoned D/T (Zone E2)	98																																				
TCE Station East Side Removal of abandoned D/T (Zone E3)	98																																				
TCE Station East Side Removal of abandoned D/T (Zone E4)	98																																				
TCE Station East Side Removal of abandoned D/T (Zone E5)	98																																				
TCE Station East Side Removal of abandoned U/T																																					
TCE Station East Side Removal of abandoned U/T (Zone E1)	98																																				
TCE Station East Side Removal of abandoned U/T (Zone E2)	98																																				
TCE Station East Side Removal of abandoned U/T (Zone E3)	98																																				
TCE Station East Side Removal of abandoned U/T (Zone E4)	98																																				
TCE Station East Side Removal of abandoned U/T (Zone E5)	98																																				
TCE Station East Side Stationary Plants																																					
TCE Station East Side Stationary Plants (S1)	101																												101	101	101	101	101	101	101	101	101

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario for Tung Chung East

		2029												2030											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCE Station East Side Retaining Wall Foundation Construction																									
TCE Station East Side Retaining Wall Foundation Construction (Zone E1)	103																								
TCE Station East Side Retaining Wall Foundation Construction (Zone E2)	103																								
TCE Station East Side Retaining Wall Foundation Construction (Zone E3)	100																								
TCE Station East Side Retaining Wall Foundation Construction (Zone E4)	103																								
TCE Station East Side Retaining Wall Foundation Construction (Zone E5)	100																								
TCE Station East Side Retaining Wall Foundation Construction (Zone E6)	100																								
TCE Station East Side Retaining Wall Foundation Construction (Zone E7)	100																								
TCE Station East Side Retaining Wall Foundation Construction (Zone E8)	103																								
TCE Station East Side Retaining Wall Foundation Construction (Zone E9)	103																								
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures																									
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E1)	106																								
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E2)	106																								
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E3)	106																								
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E4)	106																								
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E5)	106																								
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E6)	106																								
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E7)	106																								
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E8)	106																								
TCE Station East Side Retaining Wall Construction and Noise Mitigation Measures (Zone E9)	106																								
TCE Station East Side Site Clearance / Site Formation																									
TCE Station East Side Site Clearance / Site Formation (Zone E1)	109																								
TCE Station East Side Site Clearance / Site Formation (Zone E2)	109																								
TCE Station East Side Site Clearance / Site Formation (Zone E3)	109																								
TCE Station East Side Site Clearance / Site Formation (Zone E4)	109																								
TCE Station East Side Site Clearance / Site Formation (Zone E5)	107																								
TCE Station East Side Site Clearance / Site Formation (Zone E6)	107																								
TCE Station East Side Site Clearance / Site Formation (Zone E7)	107																								
TCE Station East Side Site Clearance / Site Formation (Zone E8)	107																								
TCE Station East Side Site Clearance / Site Formation (Zone E9)	107																								
TCE Station East Side Site Formation for U/T Diversion																									
TCE Station East Side Site Formation for U/T Diversion (Zone E2)	102																								
TCE Station East Side Site Formation for U/T Diversion (Zone E3)	102																								
TCE Station East Side Site Formation for U/T Diversion (Zone E4)	103																								
TCE Station East Side Site Reinstatement																									
TCE Station East Side Site Reinstatement (Zone E1)	104										104	104	104	104	104	104	104	104	104	104	104	104	104	104	
TCE Station East Side Site Reinstatement (Zone E2)	104										104	104	104	104	104	104	104	104	104	104	104	104	104	104	
TCE Station East Side Site Reinstatement (Zone E3)	104										104	104	104	104	104	104	104	104	104	104	104	104	104	104	
TCE Station East Side Site Reinstatement (Zone E4)	104										104	104	104	104	104	104	104	104	104	104	104	104	104	104	
TCE Station East Side Site Reinstatement (Zone E5)	104										104	104	104	104	104	104	104	104	104	104	104	104	104	104	
TCE Station East Side Utilities, Road and Drainage Reinstatement																									
TCE Station East Side Utilities, Road and Drainage Reinstatement (Zone E6)	108																								
TCE Station East Side Utilities, Road and Drainage Reinstatement (Zone E7)	108																								
TCE Station East Side Utilities, Road and Drainage Reinstatement (Zone E8)	108																								
TCE Station East Side Utilities, Road and Drainage Reinstatement (Zone E9)	108																								
TCE Station East Side Removal of abandoned D/T																									
TCE Station East Side Removal of abandoned D/T (Zone E1)	98										98	98	98	98											
TCE Station East Side Removal of abandoned D/T (Zone E2)	98										98	98	98	98											
TCE Station East Side Removal of abandoned D/T (Zone E3)	98										98	98	98	98											
TCE Station East Side Removal of abandoned D/T (Zone E4)	98										98	98	98	98											
TCE Station East Side Removal of abandoned D/T (Zone E5)	98										98	98	98	98											
TCE Station East Side Removal of abandoned U/T																									
TCE Station East Side Removal of abandoned U/T (Zone E1)	98																	98	98	98	98	98	98		
TCE Station East Side Removal of abandoned U/T (Zone E2)	98																	98	98	98	98	98	98		
TCE Station East Side Removal of abandoned U/T (Zone E3)	98																	98	98	98	98	98	98		
TCE Station East Side Removal of abandoned U/T (Zone E4)	98																	98	98	98	98	98	98		
TCE Station East Side Removal of abandoned U/T (Zone E5)	98																	98	98	98	98	98	98		
TCE Station East Side Stationary Plants																									
TCE Station East Side Stationary Plants (S1)	101										101	101	101	101	101	101	101	101	101	101	101	101	101		

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario for Tung Chung East

		2023								2024												2025											
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCE Station East Side Stationary Plants (S2)	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99					
TCE Station West Side Stationary Plants																																	
TCE Station West Side Stationary Plants (S1)	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97
TCE Station West Side Stationary Plants (S2)	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
Construction of Retaining Wall 240m Section and noise mitigation measures																																	
Construction of Retaining Wall 240m Section and noise mitigation measures (Zone W1)	102											102	102	102	102	102																	
Construction of Retaining Wall 240m Section and noise mitigation measures (Zone W2)	102											102	102	102	102	102																	
Construction of Retaining Wall 240m Section and noise mitigation measures (Zone W3)	102											102	102	102	102	102																	
Retaining Wall Mini piles 80m opposite Ying Tung Estate																																	
Retaining Wall Mini piles 80m opposite Ying Tung Estate (Zone W1)	100					100	100	100	100	100	100	100																					
Retaining Wall Mini piles 80m opposite Ying Tung Estate (Zone W2)	100					100	100	100	100	100	100	100																					
Retaining Wall Mini piles 80m opposite Ying Tung Estate (Zone W3)	103					103	103	103	103	103	103	103																					
Retaining Wall 240m Section and noise mitigation measures																																	
Retaining Wall 240m Section and noise mitigation measures (Zone W4)	103									103	103	103	103	103	103	103	103	103															
Retaining Wall 240m Section and noise mitigation measures (Zone W5)	103									103	103	103	103	103	103	103	103	103															
Retaining Wall 240m Section and noise mitigation measures (Zone W6)	103									103	103	103	103	103	103	103	103	103															
Retaining Wall 240m Section and noise mitigation measures (Zone W7)	103									103	103	103	103	103	103	103	103	103															
Retaining Wall 240m Section and noise mitigation measures (Zone W8)	103									103	103	103	103	103	103	103	103	103															
Retaining Wall Foundation 240m Section																																	
Retaining Wall Foundation 240m Section (Zone W4)	103					103	103	103	103	103	103	103	103	103																			
Retaining Wall Foundation 240m Section (Zone W5)	100					100	100	100	100	100	100	100	100	100																			
Retaining Wall Foundation 240m Section (Zone W6)	100					100	100	100	100	100	100	100	100	100																			
Retaining Wall Foundation 240m Section (Zone W7)	100					100	100	100	100	100	100	100	100	100																			
Retaining Wall Foundation 240m Section (Zone W8)	100					100	100	100	100	100	100	100	100	100																			
TCE Station West Side Site Clearance / Site Formation																																	
TCE Station West Side Site Clearance / Site Formation (Zone W1)	107	107	107	107	107	107	107	107	107	107	107	107	107	107																			
TCE Station West Side Site Clearance / Site Formation (Zone W2)	107	107	107	107	107	107	107	107	107	107	107	107	107	107																			
TCE Station West Side Site Clearance / Site Formation (Zone W3)	107	107	107	107	107	107	107	107	107	107	107	107	107	107																			
TCE Station West Side Site Clearance / Site Formation (Zone W4)	109	109	109	109	109	109	109	109	109	109	109	109	109	109																			
TCE Station West Side Site Clearance / Site Formation (Zone W5)	109	109	109	109	109	109	109	109	109	109	109	109	109	109																			
TCE Station West Side Site Clearance / Site Formation (Zone W6)	109	109	109	109	109	109	109	109	109	109	109	109	109	109																			
TCE Station West Side Site Clearance / Site Formation (Zone W7)	109	109	109	109	109	109	109	109	109	109	109	109	109	109																			
TCE Station West Side Site Clearance / Site Formation (Zone W8)	109	109	109	109	109	109	109	109	109	109	109	109	109	109																			
TCE Station West Side Utilities, Road and Drainage Reinstatement																																	
TCE Station West Side Utilities, Road and Drainage Reinstatement (Zone W1)	106																						106	106	106	106	106						
TCE Station West Side Utilities, Road and Drainage Reinstatement (Zone W2)	106																						106	106	106	106	106						
TCE Station West Side Utilities, Road and Drainage Reinstatement (Zone W3)	106																						106	106	106	106	106						
TCE Station West Side Removal and Reprovison of Existing Noise Barrier																																	
TCE Station West Side Removal and Reprovison of Existing Noise Barrier (Zone W1)	99																		99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
TCE Station West Side Removal and Reprovison of Existing Noise Barrier (Zone W2)	99																		99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
TCE Station West Side Removal and Reprovison of Existing Noise Barrier (Zone W3)	99																		99	99	99	99	99	99	99	99	99	99	99	99	99	99	99
TCE Station West Side Site reinstatement																																	
TCE Station West Side Site reinstatement (Zone W1)	106																																
TCE Station West Side Site reinstatement (Zone W2)	106																																
TCE Station West Side Site reinstatement (Zone W3)	106																																
TCE Station West Side Site reinstatement (Zone W4)	104																																
TCE Station West Side Site reinstatement (Zone W5)	104																																
TCE Station West Side Site reinstatement (Zone W6)	104																																
TCE Station West Side Site reinstatement (Zone W7)	104																																
TCE Station West Side Site reinstatement (Zone W8)	104																																
TCE Station West Side Removal of abandoned D/T																																	
TCE Station West Side Removal of abandoned D/T (Zone W1)	98																																
TCE Station West Side Removal of abandoned D/T (Zone W2)	98																																
TCE Station West Side Removal of abandoned D/T (Zone W3)	98																																
TCE Station West Side Removal of abandoned D/T (Zone W4)	98																																
TCE Station West Side Removal of abandoned D/T (Zone W5)	98																																
TCE Station West Side Removal of abandoned D/T (Zone W6)	98																																
TCE Station West Side Removal of abandoned D/T (Zone W7)	98																																
TCE Station West Side Removal of abandoned D/T (Zone W8)	98																																

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario for Tung Chung East

		2026												2027												2028											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCE Station East Side Stationary Plants (S2)	99																												99	99	99	99	99	99	99	99	99
TCE Station West Side Stationary Plants																																					
TCE Station West Side Stationary Plants (S1)	97	97	97	97	97																																
TCE Station West Side Stationary Plants (S2)	99	99	99	99	99																																
Construction of Retaining Wall 240m Section and noise mitigation measures																																					
Construction of Retaining Wall 240m Section and noise mitigation measures (Zone W1)	102																																				
Construction of Retaining Wall 240m Section and noise mitigation measures (Zone W2)	102																																				
Construction of Retaining Wall 240m Section and noise mitigation measures (Zone W3)	102																																				
Retaining Wall Mini piles 80m opposite Ying Tung Estate																																					
Retaining Wall Mini piles 80m opposite Ying Tung Estate (Zone W1)	100																																				
Retaining Wall Mini piles 80m opposite Ying Tung Estate (Zone W2)	100																																				
Retaining Wall Mini piles 80m opposite Ying Tung Estate (Zone W3)	103																																				
Retaining Wall 240m Section and noise mitigation measures																																					
Retaining Wall 240m Section and noise mitigation measures (Zone W4)	103																																				
Retaining Wall 240m Section and noise mitigation measures (Zone W5)	103																																				
Retaining Wall 240m Section and noise mitigation measures (Zone W6)	103																																				
Retaining Wall 240m Section and noise mitigation measures (Zone W7)	103																																				
Retaining Wall 240m Section and noise mitigation measures (Zone W8)	103																																				
Retaining Wall Foundation 240m Section																																					
Retaining Wall Foundation 240m Section (Zone W4)	103																																				
Retaining Wall Foundation 240m Section (Zone W5)	100																																				
Retaining Wall Foundation 240m Section (Zone W6)	100																																				
Retaining Wall Foundation 240m Section (Zone W7)	100																																				
Retaining Wall Foundation 240m Section (Zone W8)	100																																				
TCE Station West Side Site Clearance / Site Formation																																					
TCE Station West Side Site Clearance / Site Formation (Zone W1)	107																																				
TCE Station West Side Site Clearance / Site Formation (Zone W2)	107																																				
TCE Station West Side Site Clearance / Site Formation (Zone W3)	107																																				
TCE Station West Side Site Clearance / Site Formation (Zone W4)	109																																				
TCE Station West Side Site Clearance / Site Formation (Zone W5)	109																																				
TCE Station West Side Site Clearance / Site Formation (Zone W6)	109																																				
TCE Station West Side Site Clearance / Site Formation (Zone W7)	109																																				
TCE Station West Side Site Clearance / Site Formation (Zone W8)	109																																				
TCE Station West Side Utilities, Road and Drainage Reinstatement																																					
TCE Station West Side Utilities, Road and Drainage Reinstatement (Zone W1)	106																																				
TCE Station West Side Utilities, Road and Drainage Reinstatement (Zone W2)	106																																				
TCE Station West Side Utilities, Road and Drainage Reinstatement (Zone W3)	106																																				
TCE Station West Side Removal and Reprovison of Existing Noise Barrier																																					
TCE Station West Side Removal and Reprovison of Existing Noise Barrier (Zone W1)	99	99	99	99	99																																
TCE Station West Side Removal and Reprovison of Existing Noise Barrier (Zone W2)	99	99	99	99	99																																
TCE Station West Side Removal and Reprovison of Existing Noise Barrier (Zone W3)	99	99	99	99	99																																
TCE Station West Side Site reinstatement																																					
TCE Station West Side Site reinstatement (Zone W1)	106																																				
TCE Station West Side Site reinstatement (Zone W2)	106																																				
TCE Station West Side Site reinstatement (Zone W3)	106																																				
TCE Station West Side Site reinstatement (Zone W4)	104																																				
TCE Station West Side Site reinstatement (Zone W5)	104																																				
TCE Station West Side Site reinstatement (Zone W6)	104																																				
TCE Station West Side Site reinstatement (Zone W7)	104																																				
TCE Station West Side Site reinstatement (Zone W8)	104																																				
TCE Station West Side Removal of abandoned D/T																																					
TCE Station West Side Removal of abandoned D/T (Zone W1)	98																																				
TCE Station West Side Removal of abandoned D/T (Zone W2)	98																																				
TCE Station West Side Removal of abandoned D/T (Zone W3)	98																																				
TCE Station West Side Removal of abandoned D/T (Zone W4)	98																																				
TCE Station West Side Removal of abandoned D/T (Zone W5)	98																																				
TCE Station West Side Removal of abandoned D/T (Zone W6)	98																																				
TCE Station West Side Removal of abandoned D/T (Zone W7)	98																																				
TCE Station West Side Removal of abandoned D/T (Zone W8)	98																																				

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario for Tung Chung East

		2029												2030											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCE Station East Side Stationary Plants (S2)	99										99	99	99	99	99	99	99	99	99	99	99	99	99	99	
TCE Station West Side Stationary Plants																									
TCE Station West Side Stationary Plants (S1)	97										97	97	97	97	97	97	97	97	97	97	97	97	97	97	
TCE Station West Side Stationary Plants (S2)	99										99	99	99	99	99	99	99	99	99	99	99	99	99	99	
Construction of Retaining Wall 240m Section and noise mitigation measures																									
Construction of Retaining Wall 240m Section and noise mitigation measures (Zone W1)	102																								
Construction of Retaining Wall 240m Section and noise mitigation measures (Zone W2)	102																								
Construction of Retaining Wall 240m Section and noise mitigation measures (Zone W3)	102																								
Retaining Wall Mini piles 80m opposite Ying Tung Estate																									
Retaining Wall Mini piles 80m opposite Ying Tung Estate (Zone W1)	100																								
Retaining Wall Mini piles 80m opposite Ying Tung Estate (Zone W2)	100																								
Retaining Wall Mini piles 80m opposite Ying Tung Estate (Zone W3)	103																								
Retaining Wall 240m Section and noise mitigation measures																									
Retaining Wall 240m Section and noise mitigation measures (Zone W4)	103																								
Retaining Wall 240m Section and noise mitigation measures (Zone W5)	103																								
Retaining Wall 240m Section and noise mitigation measures (Zone W6)	103																								
Retaining Wall 240m Section and noise mitigation measures (Zone W7)	103																								
Retaining Wall 240m Section and noise mitigation measures (Zone W8)	103																								
Retaining Wall Foundation 240m Section																									
Retaining Wall Foundation 240m Section (Zone W4)	103																								
Retaining Wall Foundation 240m Section (Zone W5)	100																								
Retaining Wall Foundation 240m Section (Zone W6)	100																								
Retaining Wall Foundation 240m Section (Zone W7)	100																								
Retaining Wall Foundation 240m Section (Zone W8)	100																								
TCE Station West Side Site Clearance / Site Formation																									
TCE Station West Side Site Clearance / Site Formation (Zone W1)	107																								
TCE Station West Side Site Clearance / Site Formation (Zone W2)	107																								
TCE Station West Side Site Clearance / Site Formation (Zone W3)	107																								
TCE Station West Side Site Clearance / Site Formation (Zone W4)	109																								
TCE Station West Side Site Clearance / Site Formation (Zone W5)	109																								
TCE Station West Side Site Clearance / Site Formation (Zone W6)	109																								
TCE Station West Side Site Clearance / Site Formation (Zone W7)	109																								
TCE Station West Side Site Clearance / Site Formation (Zone W8)	109																								
TCE Station West Side Utilities, Road and Drainage Reinstatement																									
TCE Station West Side Utilities, Road and Drainage Reinstatement (Zone W1)	106																								
TCE Station West Side Utilities, Road and Drainage Reinstatement (Zone W2)	106																								
TCE Station West Side Utilities, Road and Drainage Reinstatement (Zone W3)	106																								
TCE Station West Side Removal and Reprovison of Existing Noise Barrier																									
TCE Station West Side Removal and Reprovison of Existing Noise Barrier (Zone W1)	99																								
TCE Station West Side Removal and Reprovison of Existing Noise Barrier (Zone W2)	99																								
TCE Station West Side Removal and Reprovison of Existing Noise Barrier (Zone W3)	99																								
TCE Station West Side Site reinstatement																									
TCE Station West Side Site reinstatement (Zone W1)	106										106	106	106	106	106	106	106	106	106	106	106	106	106	106	
TCE Station West Side Site reinstatement (Zone W2)	106										106	106	106	106	106	106	106	106	106	106	106	106	106	106	
TCE Station West Side Site reinstatement (Zone W3)	106										106	106	106	106	106	106	106	106	106	106	106	106	106	106	
TCE Station West Side Site reinstatement (Zone W4)	104										104	104	104	104	104	104	104	104	104	104	104	104	104	104	
TCE Station West Side Site reinstatement (Zone W5)	104										104	104	104	104	104	104	104	104	104	104	104	104	104	104	
TCE Station West Side Site reinstatement (Zone W6)	104										104	104	104	104	104	104	104	104	104	104	104	104	104	104	
TCE Station West Side Site reinstatement (Zone W7)	104										104	104	104	104	104	104	104	104	104	104	104	104	104	104	
TCE Station West Side Site reinstatement (Zone W8)	104										104	104	104	104	104	104	104	104	104	104	104	104	104	104	
TCE Station West Side Removal of abandoned D/T																									
TCE Station West Side Removal of abandoned D/T (Zone W1)	98										98	98	98	98											
TCE Station West Side Removal of abandoned D/T (Zone W2)	98										98	98	98	98											
TCE Station West Side Removal of abandoned D/T (Zone W3)	98										98	98	98	98											
TCE Station West Side Removal of abandoned D/T (Zone W4)	98										98	98	98	98											
TCE Station West Side Removal of abandoned D/T (Zone W5)	98										98	98	98	98											
TCE Station West Side Removal of abandoned D/T (Zone W6)	98										98	98	98	98											
TCE Station West Side Removal of abandoned D/T (Zone W7)	98										98	98	98	98											
TCE Station West Side Removal of abandoned D/T (Zone W8)	98										98	98	98	98											

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario for Tung Chung East

		2023								2024												2025											
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCE Station West Side Removal of abandoned U/T																																	
TCE Station West Side Removal of abandoned U/T (Zone W1)	98																																
TCE Station West Side Removal of abandoned U/T (Zone W2)	98																																
TCE Station West Side Removal of abandoned U/T (Zone W3)	98																																
TCE Station West Side Removal of abandoned U/T (Zone W4)	98																																
TCE Station West Side Removal of abandoned U/T (Zone W5)	98																																
TCE Station West Side Removal of abandoned U/T (Zone W6)	98																																
TCE Station West Side Removal of abandoned U/T (Zone W7)	98																																
TCE Station West Side Removal of abandoned U/T (Zone W8)	98																																
TCE Station Area Stationary Plants																																	
TCE Station Area Stationary Plants (S1)	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
TCE Station Area Stationary Plants (S2)	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88
TCE Station Structure - Foundation																																	
TCE Station Structure - Foundation (Zone A)	111					111	111	111	111	111	111	111	111	111	111	111	111																
TCE Station Structure - Foundation (Zone B)	111					111	111	111	111	111	111	111	111	111	111	111	111																
TCE Station Structure - Foundation (Zone C)	111					111	111	111	111	111	111	111	111	111	111	111	111	111	111														
TCE Station Site Clearance/Site Formation																																	
TCE Station Site Clearance/Site Formation (Zone A)	110	110	110	110	110																												
TCE Station Site Clearance/Site Formation (Zone B)	110	110	110	110	110																												
TCE Station Site Clearance/Site Formation (Zone C)	110	110	110	110	110																												
TCE Station Link Bridge Foundation																																	
TCE Station Link Bridge Foundation (Zone C)	111																		111	111	111	111	111	111	111	111	111	111	111	111	111	111	
TCE Station Structure - Main Station Structure, Ancillary Buildings, Bridges, Entrances																																	
TCE Station Structure - Main Station Structure, Ancillary Buildings, Bridges, Entrances (Zone A)	106																106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106
TCE Station Structure - Main Station Structure, Ancillary Buildings, Bridges, Entrances (Zone B)	106																		106	106	106	106	106	106	106	106	106	106	106	106	106	106	106
TCE Station Structure - Main Station Structure, Ancillary Buildings, Bridges, Entrances (Zone C)	106																		106	106	106	106	106	106	106	106	106	106	106	106	106	106	106
TCE Station Site Reinstatement																																	
TCE Station Site Reinstatement (Zone A)	111																																
TCE Station Site Reinstatement (Zone B)	111																																
TCE Station Site Reinstatement (Zone C)	111																																
TCE - Link Bridge Structure																																	
TCE - Link Bridge Structure (Zone C)	107																																
TCE Station Removal of abandoned D/T																																	
TCE Station Removal of abandoned D/T (Zone A)	98																																
TCE Station Removal of abandoned D/T (Zone B)	98																																
TCE Station Removal of abandoned D/T (Zone C)	98																																
TCE Station Removal of abandoned U/T																																	
TCE Station Removal of abandoned U/T (Zone A)	98																																
TCE Station Removal of abandoned U/T (Zone B)	98																																
TCE Station Removal of abandoned U/T (Zone C)	98																																

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario for Tung Chung East

		2026												2027												2028											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCE Station West Side Removal of abandoned U/T																																					
TCE Station West Side Removal of abandoned U/T (Zone W1)	98																																				
TCE Station West Side Removal of abandoned U/T (Zone W2)	98																																				
TCE Station West Side Removal of abandoned U/T (Zone W3)	98																																				
TCE Station West Side Removal of abandoned U/T (Zone W4)	98																																				
TCE Station West Side Removal of abandoned U/T (Zone W5)	98																																				
TCE Station West Side Removal of abandoned U/T (Zone W6)	98																																				
TCE Station West Side Removal of abandoned U/T (Zone W7)	98																																				
TCE Station West Side Removal of abandoned U/T (Zone W8)	98																																				
TCE Station Area Stationary Plants																																					
TCE Station Area Stationary Plants (S1)	90	90	90										90	90	90	90	90	90	90	90	90	90	90	90	90	90											
TCE Station Area Stationary Plants (S2)	88	88	88										88	88	88	88	88	88	88	88	88	88	88	88	88	88											
TCE Station Structure - Foundation																																					
TCE Station Structure - Foundation (Zone A)	111																																				
TCE Station Structure - Foundation (Zone B)	111																																				
TCE Station Structure - Foundation (Zone C)	111																																				
TCE Station Site Clearance/Site Formation																																					
TCE Station Site Clearance/Site Formation (Zone A)	110																																				
TCE Station Site Clearance/Site Formation (Zone B)	110																																				
TCE Station Site Clearance/Site Formation (Zone C)	110																																				
TCE Station Link Bridge Foundation																																					
TCE Station Link Bridge Foundation (Zone C)	111																																				
TCE Station Structure - Main Station Structure, Ancillary Buildings, Bridges, Entrances																																					
TCE Station Structure - Main Station Structure, Ancillary Buildings, Bridges, Entrances (Zone A)	106																																				
TCE Station Structure - Main Station Structure, Ancillary Buildings, Bridges, Entrances (Zone B)	106	106	106																																		
TCE Station Structure - Main Station Structure, Ancillary Buildings, Bridges, Entrances (Zone C)	106	106	106																																		
TCE Station Site Reinstatement																																					
TCE Station Site Reinstatement (Zone A)	111																																				
TCE Station Site Reinstatement (Zone B)	111																																				
TCE Station Site Reinstatement (Zone C)	111																																				
TCE - Link Bridge Structure																																					
TCE - Link Bridge Structure (Zone C)	107												107	107	107	107	107	107	107	107	107	107	107	107	107												
TCE Station Removal of abandoned D/T																																					
TCE Station Removal of abandoned D/T (Zone A)	98																																				
TCE Station Removal of abandoned D/T (Zone B)	98																																				
TCE Station Removal of abandoned D/T (Zone C)	98																																				
TCE Station Removal of abandoned U/T																																					
TCE Station Removal of abandoned U/T (Zone A)	98																																				
TCE Station Removal of abandoned U/T (Zone B)	98																																				
TCE Station Removal of abandoned U/T (Zone C)	98																																				

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario for Tung Chung East

		2029												2030											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCE Station West Side Removal of abandoned U/T																									
TCE Station West Side Removal of abandoned U/T (Zone W1)	98																		98	98	98	98	98	98	
TCE Station West Side Removal of abandoned U/T (Zone W2)	98																		98	98	98	98	98	98	
TCE Station West Side Removal of abandoned U/T (Zone W3)	98																		98	98	98	98	98	98	
TCE Station West Side Removal of abandoned U/T (Zone W4)	98																		98	98	98	98	98	98	
TCE Station West Side Removal of abandoned U/T (Zone W5)	98																		98	98	98	98	98	98	
TCE Station West Side Removal of abandoned U/T (Zone W6)	98																		98	98	98	98	98	98	
TCE Station West Side Removal of abandoned U/T (Zone W7)	98																		98	98	98	98	98	98	
TCE Station West Side Removal of abandoned U/T (Zone W8)	98																		98	98	98	98	98	98	
TCE Station Area Stationary Plants																									
TCE Station Area Stationary Plants (S1)	90										90	90	90	90	90	90	90	90	90	90	90	90	90	90	
TCE Station Area Stationary Plants (S2)	88										88	88	88	88	88	88	88	88	88	88	88	88	88	88	
TCE Station Structure - Foundation																									
TCE Station Structure - Foundation (Zone A)	111																								
TCE Station Structure - Foundation (Zone B)	111																								
TCE Station Structure - Foundation (Zone C)	111																								
TCE Station Site Clearance/Site Formation																									
TCE Station Site Clearance/Site Formation (Zone A)	110																								
TCE Station Site Clearance/Site Formation (Zone B)	110																								
TCE Station Site Clearance/Site Formation (Zone C)	110																								
TCE Station Link Bridge Foundation																									
TCE Station Link Bridge Foundation (Zone C)	111																								
TCE Station Structure - Main Station Structure, Ancillary Buildings, Bridges, Entrances																									
TCE Station Structure - Main Station Structure, Ancillary Buildings, Bridges, Entrances (Zone A)	106																								
TCE Station Structure - Main Station Structure, Ancillary Buildings, Bridges, Entrances (Zone B)	106																								
TCE Station Structure - Main Station Structure, Ancillary Buildings, Bridges, Entrances (Zone C)	106																								
TCE Station Site Reinstatement																									
TCE Station Site Reinstatement (Zone A)	111										111	111	111	111	111	111	111	111	111	111	111	111	111	111	
TCE Station Site Reinstatement (Zone B)	111										111	111	111	111	111	111	111	111	111	111	111	111	111	111	
TCE Station Site Reinstatement (Zone C)	111										111	111	111	111	111	111	111	111	111	111	111	111	111	111	
TCE - Link Bridge Structure																									
TCE - Link Bridge Structure (Zone C)	107																								
TCE Station Removal of abandoned D/T																									
TCE Station Removal of abandoned D/T (Zone A)	98										98	98	98	98											
TCE Station Removal of abandoned D/T (Zone B)	98										98	98	98	98											
TCE Station Removal of abandoned D/T (Zone C)	98										98	98	98	98											
TCE Station Removal of abandoned U/T																									
TCE Station Removal of abandoned U/T (Zone A)	98																		98	98	98	98	98	98	
TCE Station Removal of abandoned U/T (Zone B)	98																		98	98	98	98	98	98	
TCE Station Removal of abandoned U/T (Zone C)	98																		98	98	98	98	98	98	

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario for Tung Chung East

Predicted Construction Noise, dB(A)

		2023								2024												2025											
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NSR	MAX																																
YTT-02f	69	68	68	68	68	69	69	69	69	69	69	69	69	69	64	64	62	61	61	61	61	61	61	65	65	65	65	65	61	61	61	61	60
EHYC-01a	50	48	48	48	48	49	49	49	49	49	49	50	49	49	44	44	40	40	43	43	43	43	43	48	48	48	48	48	43	43	43	43	43
LCNP-01	66	65	65	65	65	66	66	66	66	66	66	66	66	66	64	64	63	61	62	61	61	61	61	61	59	59	59	59	58	58	58	58	56
A100-02j	65																				61	61	61	62	62	62	62	62	61	61	61	61	59
A116-01c	63																																
A133a-01b	64																																
A113-01e	68																																
A113-12e	67																																

Note:
1. As a worst case scenario, the predicted construction noise is calculated using the distance between the notional centre of the workfront to the closest NSR.
2. Text in red in shaded cell denotes exceedance of relevant criterion.
3. Cell with shaded area denotes the unoccupancy of the NSR (i.e. before the population intake).

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario for Tung Chung East

Predicted Construction Noise, dB(A)

		2026												2027												2028											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NSR	MAX																																				
YTT-02f	69	60	60	59	59	0	0	0	0	0	0	0	49	49	49	49	49	49	49	49	49	49	49	49	49	49	0	0	0	0	0	0	0	0	0	0	0
EHYC-01a	50	43	43	43	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LCNP-01	66	54	54	0	0	0	0	0	0	0	0	0	51	51	51	51	51	51	51	51	51	51	51	51	51	51	0	0	52	52	52	52	52	52	52	52	52
A100-02j	65	57	57	54	54	0	0	0	0	0	0	0	53	53	53	53	53	53	53	53	53	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0
A116-01c	63																																				
A133a-01b	64																																				
A113-01e	68																								58	58	0	0	47	47	47	47	47	47	47	47	47
A113-12e	67																								57	57	0	0	54	54	54	54	54	54	54	54	54

Note:
1. As a worst case scenario, the predicted construction noise is calculated using the distance between the notional centre of the workfront to the closest NSR.
2. Text in red in shaded cell denotes exceedance of relevant criterion.
3. Cell with shaded area denotes the unoccupancy of the NSR (i.e. before the population intake).

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario for Tung Chung East

Predicted Construction Noise, dB(A)

		2029												2030											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NSR	MAX																								
YTT-02f	69	0	0	0	0	0	0	0	0	0	66	66	66	66	66	66	66	66	66	66	66	66	66	66	
EHYC-01a	50	0	0	0	0	0	0	0	0	0	48	48	48	48	47	47	47	47	48	48	48	48	48	48	
LCNP-01	66	0	0	0	0	0	0	0	0	0	63	63	63	63	63	63	63	63	63	63	63	63	63	63	
A100-02j	65	0	0	0	0	0	0	0	0	0	65	65	65	65	65	65	65	65	65	65	65	65	65	65	
A116-01c	63												63	63	62	62	62	62	63	63	63	63	63	63	
A133a-01b	64																		64	64	64	64	64	64	
A113-01e	68	0	0	0	0	0	0	0	0	0	68	68	68	68	67	67	67	67	68	68	68	68	68	68	
A113-12e	67	0	0	0	0	0	0	0	0	0	67	67	67	67	67	67	67	67	67	67	67	67	67	67	

Note:
1. As a worst case scenario, the predicted construction noise is calculated using the distance between the notional centre of the workfront to the closest NSR.
2. Text in red in shaded cell denotes exceedance of relevant criterion.
3. Cell with shaded area denotes the unoccupancy of the NSR (i.e. before the population intake).

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2023								2024												2025											
	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
TCE01																																
A7 - Reclamation Filling and Surcharging (Above water)																																
A8 - Surcharge																																
B1 - High PR Residential Foundations																																
B2 - High PR Residential Foundations and High PR Residential Superstructure																																
B3 - High PR Residential Superstructure	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105													
TCE02																																
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																
A6 - Reclamation Filling (Underwater)																																
A7 - Reclamation Filling and Surcharging (Above water)																																
A8 - Surcharge																																
B1 - High PR Residential Foundations																																
B2 - High PR Residential Foundations and High PR Residential Superstructure																																
B3 - High PR Residential Superstructure	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112													
TCE03																																
A1 - Silt Curtain																																
A3 - Stone Column, Seawall Construction, Geotextile / Sand Blanket, Marine Band Drains																																
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																
A6 - Reclamation Filling (Underwater)																																
A7 - Reclamation Filling and Surcharging (Above water)																																
A8 - Surcharge																																
B1 - High PR Residential Foundations		106	106	106	106	106	106	106	106	106	106	106	106													106	106	106	106	106	106	106
B2 - High PR Residential Foundations and High PR Residential Superstructure														106	106	106	106	106	106													
B3 - High PR Residential Superstructure																				105	105	105	105	105	105	105	105	105	105	105	105	105
TCE04																																
A1 - Silt Curtain																																
A3 - Stone Column, Seawall Construction, Geotextile / Sand Blanket, Marine Band Drains																																
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																
A6 - Reclamation Filling (Underwater)																																
A7 - Reclamation Filling and Surcharging (Above water)																																
A8 - Surcharge																																
B1 - High PR Residential Foundations	112																									112	112	112	112	112	112	112
B2 - High PR Residential Foundations and High PR Residential Superstructure		113	113	113	113	113	113																									

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2026												2027												2028											
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
TCE01																																				
A7 - Reclamation Filling and Surcharging (Above water)																																				
A8 - Surcharge																																				
B1 - High PR Residential Foundations																																				
B2 - High PR Residential Foundations and High PR Residential Superstructure																																				
B3 - High PR Residential Superstructure																																				
TCE02																																				
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																				
A6 - Reclamation Filling (Underwater)																																				
A7 - Reclamation Filling and Surcharging (Above water)																																				
A8 - Surcharge																																				
B1 - High PR Residential Foundations																																				
B2 - High PR Residential Foundations and High PR Residential Superstructure																																				
B3 - High PR Residential Superstructure																																				
TCE03																																				
A1 - Silt Curtain																																				
A3 - Stone Column, Seawall Construction, Geotextile / Sand Blanket, Marine Band Drains																																				
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																				
A6 - Reclamation Filling (Underwater)																																				
A7 - Reclamation Filling and Surcharging (Above water)																																				
A8 - Surcharge																																				
B1 - High PR Residential Foundations	106	106	106	106	106																															
B2 - High PR Residential Foundations and High PR Residential Superstructure						106	106	106	106	106	106																									
B3 - High PR Residential Superstructure	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	
TCE04																																				
A1 - Silt Curtain																																				
A3 - Stone Column, Seawall Construction, Geotextile / Sand Blanket, Marine Band Drains																																				
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																				
A6 - Reclamation Filling (Underwater)																																				
A7 - Reclamation Filling and Surcharging (Above water)																																				
A8 - Surcharge																																				
B1 - High PR Residential Foundations	112	112.3	112.3	112.3	112																															
B2 - High PR Residential Foundations and High PR Residential Superstructure						113	113	113	113	113	113																									

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2029												2030											
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
TCE01																								
A7 - Reclamation Filling and Surcharging (Above water)																								
A8 - Surcharge																								
B1 - High PR Residential Foundations																								
B2 - High PR Residential Foundations and High PR Residential Superstructure																								
B3 - High PR Residential Superstructure																								
TCE02																								
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																								
A6 - Reclamation Filling (Underwater)																								
A7 - Reclamation Filling and Surcharging (Above water)																								
A8 - Surcharge																								
B1 - High PR Residential Foundations																								
B2 - High PR Residential Foundations and High PR Residential Superstructure																								
B3 - High PR Residential Superstructure																								
TCE03																								
A1 - Silt Curtain																								
A3 - Stone Column, Seawall Construction, Geotextile / Sand Blanket, Marine Band Drains																								
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																								
A6 - Reclamation Filling (Underwater)																								
A7 - Reclamation Filling and Surcharging (Above water)																								
A8 - Surcharge																								
B1 - High PR Residential Foundations																								
B2 - High PR Residential Foundations and High PR Residential Superstructure																								
B3 - High PR Residential Superstructure																								
TCE04																								
A1 - Silt Curtain																								
A3 - Stone Column, Seawall Construction, Geotextile / Sand Blanket, Marine Band Drains																								
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																								
A6 - Reclamation Filling (Underwater)																								
A7 - Reclamation Filling and Surcharging (Above water)																								
A8 - Surcharge																								
B1 - High PR Residential Foundations																								
B2 - High PR Residential Foundations and High PR Residential Superstructure																								

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2023								2024												2025											
	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
B3 - High PR Residential Superstructure								112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	
TCE05																																
A4 - Geotextile / Sand Blanket, Marine Band Drains																																
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																
A6 - Reclamation Filling (Underwater)																																
A7 - Reclamation Filling and Surcharging (Above water)																																
A8 - Surcharge																																
B1 - High PR Residential Foundations														112	112	112	112	112	112	112	112	112	112	112	112							
B2 - High PR Residential Foundations and High PR Residential Superstructure																										113	113	113	113	113	113	
B3 - High PR Residential Superstructure																																112
TCE06																																
A4 - Geotextile / Sand Blanket, Marine Band Drains																																
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																
A6 - Reclamation Filling (Underwater)																																
A7 - Reclamation Filling and Surcharging (Above water)																																
A8 - Surcharge																																
B1 - High PR Residential Foundations																																
B2 - High PR Residential Foundations and High PR Residential Superstructure																																
B3 - High PR Residential Superstructure																																
TCE07																																
A1 - Silt Curtain																																
A3 - Stone Column, Seawall Construction, Geotextile / Sand Blanket, Marine Band Drains																																
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																
A6 - Reclamation Filling (Underwater)																																
A7 - Reclamation Filling and Surcharging (Above water)																																
A8 - Surcharge	104	104																														
B1 - High PR Residential Foundations																																
B2 - High PR Residential Foundations and High PR Residential Superstructure																																
B3 - High PR Residential Superstructure																																
TCE08																																
A1 - Silt Curtain																																
A4 - Geotextile / Sand Blanket, Marine Band Drains																																
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2026												2027												2028											
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
B3 - High PR Residential Superstructure												112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	
TCE05																																				
A4 - Geotextile / Sand Blanket, Marine Band Drains																																				
A5 - Geotextile / Sand Blanket, Marine Band Drainags, Under Water Reclamation Filling																																				
A6 - Reclamation Filling (Underwater)																																				
A7 - Reclamation Filling and Surcharging (Above water)																																				
A8 - Surcharge																																				
B1 - High PR Residential Foundations						112	112	112	112	112	112	112	112	112	112	112	112																			
B2 - High PR Residential Foundations and High PR Residential Superstructure																		113	113	113	113	113	113													
B3 - High PR Residential Superstructure	112	112.3	112.3	112.3	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112.3	112.3	112.3	112	112	112	112	112	112	112	112
TCE06																																				
A4 - Geotextile / Sand Blanket, Marine Band Drains																																				
A5 - Geotextile / Sand Blanket, Marine Band Drainags, Under Water Reclamation Filling																																				
A6 - Reclamation Filling (Underwater)																																				
A7 - Reclamation Filling and Surcharging (Above water)																																				
A8 - Surcharge																																				
B1 - High PR Residential Foundations						112	112	112	112	112	112	112	112	112	112	112	112																			
B2 - High PR Residential Foundations and High PR Residential Superstructure																		113	113	113	113	113	113													
B3 - High PR Residential Superstructure																								112	112	112	112	112	112	112	112	112	112	112	112	112
TCE07																																				
A1 - Silt Curtain																																				
A3 - Stone Column, Seawall Construction, Geotextile / Sand Blanket, Marine Band Drains																																				
A5 - Geotextile / Sand Blanket, Marine Band Drainags, Under Water Reclamation Filling																																				
A6 - Reclamation Filling (Underwater)																																				
A7 - Reclamation Filling and Surcharging (Above water)																																				
A8 - Surcharge																																				
B1 - High PR Residential Foundations						112	112	112	112	112	112	112	112	112	112	112	112																			
B2 - High PR Residential Foundations and High PR Residential Superstructure																		113	113	113	113	113	113													
B3 - High PR Residential Superstructure																								112	112	112	112	112	112	112	112	112	112	112	112	112
TCE08																																				
A1 - Silt Curtain																																				
A4 - Geotextile / Sand Blanket, Marine Band Drains																																				
A5 - Geotextile / Sand Blanket, Marine Band Drainags, Under Water Reclamation Filling																																				

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2029												2030											
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
B3 - High PR Residential Superstructure																								
TCE05																								
A4 - Geotextile / Sand Blanket, Marine Band Drains																								
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																								
A6 - Reclamation Filling (Underwater)																								
A7 - Reclamation Filling and Surcharging (Above water)																								
A8 - Surcharge																								
B1 - High PR Residential Foundations																								
B2 - High PR Residential Foundations and High PR Residential Superstructure																								
B3 - High PR Residential Superstructure	112	112	112	112	112	112	112	112	112	112	112													
TCE06																								
A4 - Geotextile / Sand Blanket, Marine Band Drains																								
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																								
A6 - Reclamation Filling (Underwater)																								
A7 - Reclamation Filling and Surcharging (Above water)																								
A8 - Surcharge																								
B1 - High PR Residential Foundations																								
B2 - High PR Residential Foundations and High PR Residential Superstructure																								
B3 - High PR Residential Superstructure	112	112	112	112	112	112	112	112	112	112	112													
TCE07																								
A1 - Silt Curtain																								
A3 - Stone Column, Seawall Construction, Geotextile / Sand Blanket, Marine Band Drains																								
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																								
A6 - Reclamation Filling (Underwater)																								
A7 - Reclamation Filling and Surcharging (Above water)																								
A8 - Surcharge																								
B1 - High PR Residential Foundations																								
B2 - High PR Residential Foundations and High PR Residential Superstructure																								
B3 - High PR Residential Superstructure	112	112	112	112	112	112	112	112	112	112	112													
TCE08																								
A1 - Silt Curtain																								
A4 - Geotextile / Sand Blanket, Marine Band Drains																								
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																								

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2023								2024												2025											
	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
A6 - Reclamation Filling (Underwater)																																
A2 - Stone Column and Seawall Construction																																
A7 - Reclamation Filling and Surcharging (Above water)																																
A8 - Surcharge	104	104																														
B1 - High PR Residential Foundations																																
B2 - High PR Residential Foundations and High PR Residential Superstructure																																
B3 - High PR Residential Superstructure																																
TCE09																																
A1 - Silt Curtain																																
A2 - Stone Column and Seawall Construction																																
A4 - Geotextile / Sand Blanket, Marine Band Drains																																
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																
A6 - Reclamation Filling (Underwater)																																
A7 - Reclamation Filling and Surcharging (Above water)																																
A8 - Surcharge	104	104																														
C1 - Medium PR Residential / GIC Foundations																																
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																																
C3 - Medium PR Residential/ GIC Superstructure																																
TCE10																																
A1 - Silt Curtain																																
A2 - Stone Column and Seawall Construction																																
A4 - Geotextile / Sand Blanket, Marine Band Drains																																
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																
A6 - Reclamation Filling (Underwater)																																
A7 - Reclamation Filling and Surcharging (Above water)																																
A8 - Surcharge	104	104																														
C1 - Medium PR Residential / GIC Foundations																																
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																																
C3 - Medium PR Residential/ GIC Superstructure																																
TCE11																																
A4 - Geotextile / Sand Blanket, Marine Band Drains																																
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																
A6 - Reclamation Filling (Underwater)																																

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2026												2027												2028											
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
A6 - Reclamation Filling (Underwater)																																				
A2 - Stone Column and Seawall Construction																																				
A7 - Reclamation Filling and Surcharging (Above water)																																				
A8 - Surcharge																																				
B1 - High PR Residential Foundations												112	112	112	112	112	112	112	112	112	112	112	112													
B2 - High PR Residential Foundations and High PR Residential Superstructure																								113	113	113	113	113	113							
B3 - High PR Residential Superstructure																														112	112	112	112	112	112	112
TCE09																																				
A1 - Silt Curtain																																				
A2 - Stone Column and Seawall Construction																																				
A4 - Geotextile / Sand Blanket, Marine Band Drains																																				
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																				
A6 - Reclamation Filling (Underwater)																																				
A7 - Reclamation Filling and Surcharging (Above water)																																				
A8 - Surcharge																																				
C1 - Medium PR Residential / GIC Foundations												115	115	115	115	115	115	115	115	115	115	115	115													
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																								115	115	115	115	115	115							
C3 - Medium PR Residential/ GIC Superstructure																														103	103	103	103	103	103	103
TCE10																																				
A1 - Silt Curtain																																				
A2 - Stone Column and Seawall Construction																																				
A4 - Geotextile / Sand Blanket, Marine Band Drains																																				
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																				
A6 - Reclamation Filling (Underwater)																																				
A7 - Reclamation Filling and Surcharging (Above water)																																				
A8 - Surcharge																																				
C1 - Medium PR Residential / GIC Foundations												115	115	115	115	115	115	115	115	115	115	115	115													
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																								115	115	115	115	115	115							
C3 - Medium PR Residential/ GIC Superstructure																														106	106	106	106	106	106	106
TCE11																																				
A4 - Geotextile / Sand Blanket, Marine Band Drains																																				
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																				
A6 - Reclamation Filling (Underwater)																																				

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2029												2030											
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
A6 - Reclamation Filling (Underwater)																								
A2 - Stone Column and Seawall Construction																								
A7 - Reclamation Filling and Surcharging (Above water)																								
A8 - Surcharge																								
B1 - High PR Residential Foundations																								
B2 - High PR Residential Foundations and High PR Residential Superstructure																								
B3 - High PR Residential Superstructure	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112							
TCE09																								
A1 - Silt Curtain																								
A2 - Stone Column and Seawall Construction																								
A4 - Geotextile / Sand Blanket, Marine Band Drains																								
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																								
A6 - Reclamation Filling (Underwater)																								
A7 - Reclamation Filling and Surcharging (Above water)																								
A8 - Surcharge																								
C1 - Medium PR Residential / GIC Foundations																								
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																								
C3 - Medium PR Residential/ GIC Superstructure	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103							
TCE10																								
A1 - Silt Curtain																								
A2 - Stone Column and Seawall Construction																								
A4 - Geotextile / Sand Blanket, Marine Band Drains																								
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																								
A6 - Reclamation Filling (Underwater)																								
A7 - Reclamation Filling and Surcharging (Above water)																								
A8 - Surcharge																								
C1 - Medium PR Residential / GIC Foundations																								
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																								
C3 - Medium PR Residential/ GIC Superstructure	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106							
TCE11																								
A4 - Geotextile / Sand Blanket, Marine Band Drains																								
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																								
A6 - Reclamation Filling (Underwater)																								

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2023								2024												2025											
	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
A7 - Reclamation Filling and Surcharging (Above water)																																
A8 - Surcharge	104	104																														
B1 - High PR Residential Foundations																																
B2 - High PR Residential Foundations and High PR Residential Superstructure																																
B3 - High PR Residential Superstructure																																
TCE12																																
A4 - Geotextile / Sand Blanket, Marine Band Drains																																
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																
A6 - Reclamation Filling (Underwater)																																
A7 - Reclamation Filling and Surcharging (Above water)																																
A8 - Surcharge	104	104																														
B1 - High PR Residential Foundations																																
B2 - High PR Residential Foundations and High PR Residential Superstructure																																
B3 - High PR Residential Superstructure																																
TCE13																																
A4 - Geotextile / Sand Blanket, Marine Band Drains																																
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																
A6 - Reclamation Filling (Underwater)																																
A7 - Reclamation Filling and Surcharging (Above water)																																
A8 - Surcharge	104	104																														
B1 - High PR Residential Foundations																																
B2 - High PR Residential Foundations and High PR Residential Superstructure																																
B3 - High PR Residential Superstructure																																
TCE14																																
A1 - Silt Curtain																																
A2 - Stone Column and Seawall Construction																																
A4 - Geotextile / Sand Blanket, Marine Band Drains																																
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																
A6 - Reclamation Filling (Underwater)																																

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2026												2027												2028											
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
A7 - Reclamation Filling and Surcharging (Above water)																																				
A8 - Surcharge																																				
B1 - High PR Residential Foundations												112	112	112	112	112	112	112	112	112	112	112	112													
B2 - High PR Residential Foundations and High PR Residential Superstructure																								113	113	113	113	113	113							
B3 - High PR Residential Superstructure																														112	112	112	112	112	112	112
TCE12																																				
A4 - Geotextile / Sand Blanket, Marine Band Drains																																				
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																				
A6 - Reclamation Filling (Underwater)																																				
A7 - Reclamation Filling and Surcharging (Above water)																																				
A8 - Surcharge																																				
B1 - High PR Residential Foundations												112	112	112	112	112	112	112	112	112	112	112	112													
B2 - High PR Residential Foundations and High PR Residential Superstructure																								113	113	113	113	113	113							
B3 - High PR Residential Superstructure																														112	112	112	112	112	112	112
TCE13																																				
A4 - Geotextile / Sand Blanket, Marine Band Drains																																				
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																				
A6 - Reclamation Filling (Underwater)																																				
A7 - Reclamation Filling and Surcharging (Above water)																																				
A8 - Surcharge																																				
B1 - High PR Residential Foundations																	112	112	112	112	112	112	112	112	112	112	112	112								
B2 - High PR Residential Foundations and High PR Residential Superstructure																													113	113	113	113	113	113		
B3 - High PR Residential Superstructure																																				112
TCE14																																				
A1 - Silt Curtain																																				
A2 - Stone Column and Seawall Construction																																				
A4 - Geotextile / Sand Blanket, Marine Band Drains																																				
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																																				
A6 - Reclamation Filling (Underwater)																																				

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2029												2030											
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
A7 - Reclamation Filling and Surcharging (Above water)																								
A8 - Surcharge																								
B1 - High PR Residential Foundations																								
B2 - High PR Residential Foundations and High PR Residential Superstructure																								
B3 - High PR Residential Superstructure	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112							
TCE12																								
A4 - Geotextile / Sand Blanket, Marine Band Drains																								
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																								
A6 - Reclamation Filling (Underwater)																								
A7 - Reclamation Filling and Surcharging (Above water)																								
A8 - Surcharge																								
B1 - High PR Residential Foundations																								
B2 - High PR Residential Foundations and High PR Residential Superstructure																								
B3 - High PR Residential Superstructure	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112							
TCE13																								
A4 - Geotextile / Sand Blanket, Marine Band Drains																								
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																								
A6 - Reclamation Filling (Underwater)																								
A7 - Reclamation Filling and Surcharging (Above water)																								
A8 - Surcharge																								
B1 - High PR Residential Foundations																								
B2 - High PR Residential Foundations and High PR Residential Superstructure																								
B3 - High PR Residential Superstructure	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	112	
TCE14																								
A1 - Silt Curtain																								
A2 - Stone Column and Seawall Construction																								
A4 - Geotextile / Sand Blanket, Marine Band Drains																								
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																								
A6 - Reclamation Filling (Underwater)																								

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2023								2024												2025											
	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
A7 - Reclamation Filling and Surcharging (Above water)																																
A8 - Surcharge	104	104																														
C1 - Medium PR Residential / GIC Foundations																																
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																																
C3 - Medium PR Residential/ GIC Superstructure																																
TCE15																																
A5 - Geotextile / Sand Blanket, Marine Band Drainge, Under Water Reclamation Filling																																
A6 - Reclamation Filling (Underwater)																																
A7 - Reclamation Filling and Surcharging (Above water)																																
A8 - Surcharge																																
B1 - High PR Residential Foundations																																
B2 - High PR Residential Foundations and High PR Residential Superstructure																																
B3 - High PR Residential Superstructure	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105													
TCE16																																
A5 - Geotextile / Sand Blanket, Marine Band Drainge, Under Water Reclamation Filling																																
A6 - Reclamation Filling (Underwater)																																
TCE17																																
A1 - Silt Curtain																																
A2 - Stone Column and Seawall Construction																																
A4 - Geotextile / Sand Blanket, Marine Band Drains																																
A5 - Geotextile / Sand Blanket, Marine Band Drainge, Under Water Reclamation Filling																																
A6 - Reclamation Filling (Underwater)																																
A7 - Reclamation Filling and Surcharging (Above water)																																
A8 - Surcharge	104	104																														
C1 - Medium PR Residential / GIC Foundations																																
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																																
C3 - Medium PR Residential/ GIC Superstructure																																
TCE18																																
A1 - Silt Curtain																																
A3 - Stone Column, Seawall Construction, Geotextile / Sand Blanket, Marine Band Drains																																
A5 - Geotextile / Sand Blanket, Marine Band Drainge, Under Water Reclamation Filling																																
A6 - Reclamation Filling (Underwater)																																

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2026												2027												2028											
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
A7 - Reclamation Filling and Surcharging (Above water)																																				
A8 - Surcharge																																				
C1 - Medium PR Residential / GIC Foundations																		115	115	115	115	115	115	115	115	115	115	115	115							
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																														115	115	115	115	115	115	
C3 - Medium PR Residential/ GIC Superstructure																																				106
TCE15																																				
A5 - Geotextile / Sand Blanket, Marine Band Drainge, Under Water Reclamation Filling																																				
A6 - Reclamation Filling (Underwater)																																				
A7 - Reclamation Filling and Surcharging (Above water)																																				
A8 - Surcharge																																				
B1 - High PR Residential Foundations																																				
B2 - High PR Residential Foundations and High PR Residential Superstructure																																				
B3 - High PR Residential Superstructure																																				
TCE16																																				
A5 - Geotextile / Sand Blanket, Marine Band Drainge, Under Water Reclamation Filling																																				
A6 - Reclamation Filling (Underwater)																																				
TCE17																																				
A1 - Silt Curtain																																				
A2 - Stone Column and Seawall Construction																																				
A4 - Geotextile / Sand Blanket, Marine Band Drains																																				
A5 - Geotextile / Sand Blanket, Marine Band Drainge, Under Water Reclamation Filling																																				
A6 - Reclamation Filling (Underwater)																																				
A7 - Reclamation Filling and Surcharging (Above water)																																				
A8 - Surcharge																																				
C1 - Medium PR Residential / GIC Foundations												115	115	115	115	115	115	115	115	115	115	115	115													
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																								115	115	115	115	115	115							
C3 - Medium PR Residential/ GIC Superstructure																														103	103	103	103	103	103	103
TCE18																																				
A1 - Silt Curtain																																				
A3 - Stone Column, Seawall Construction, Geotextile / Sand Blanket, Marine Band Drains																																				
A5 - Geotextile / Sand Blanket, Marine Band Drainge, Under Water Reclamation Filling																																				
A6 - Reclamation Filling (Underwater)																																				

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2029												2030											
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
A7 - Reclamation Filling and Surcharging (Above water)																								
A8 - Surcharge																								
C1 - Medium PR Residential / GIC Foundations																								
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																								
C3 - Medium PR Residential/ GIC Superstructure	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	
TCE15																								
A5 - Geotextile / Sand Blanket, Marine Band Drainge, Under Water Reclamation Filling																								
A6 - Reclamation Filling (Underwater)																								
A7 - Reclamation Filling and Surcharging (Above water)																								
A8 - Surcharge																								
B1 - High PR Residential Foundations																								
B2 - High PR Residential Foundations and High PR Residential Superstructure																								
B3 - High PR Residential Superstructure																								
TCE16																								
A5 - Geotextile / Sand Blanket, Marine Band Drainge, Under Water Reclamation Filling																								
A6 - Reclamation Filling (Underwater)																								
TCE17																								
A1 - Silt Curtain																								
A2 - Stone Column and Seawall Construction																								
A4 - Geotextile / Sand Blanket, Marine Band Drains																								
A5 - Geotextile / Sand Blanket, Marine Band Drainge, Under Water Reclamation Filling																								
A6 - Reclamation Filling (Underwater)																								
A7 - Reclamation Filling and Surcharging (Above water)																								
A8 - Surcharge																								
C1 - Medium PR Residential / GIC Foundations																								
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																								
C3 - Medium PR Residential/ GIC Superstructure	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103							
TCE18																								
A1 - Silt Curtain																								
A3 - Stone Column, Seawall Construction, Geotextile / Sand Blanket, Marine Band Drains																								
A5 - Geotextile / Sand Blanket, Marine Band Drainge, Under Water Reclamation Filling																								
A6 - Reclamation Filling (Underwater)																								

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2023								2024												2025											
	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
A7 - Reclamation Filling and Surcharging (Above water)																																
A8 - Surcharge																																
B1 - High PR Residential Foundations		106	106	106	106	106	106	106	106	106	106	106	106																			
B2 - High PR Residential Foundations and High PR Residential Superstructure														106	106	106	106	106	106													
B3 - High PR Residential Superstructure																				105	105	105	105	105	105	105	105	105	105	105	105	105
P1_01																																
A1 - Silt Curtain																																
A2 - Stone Column and Seawall Construction																																
A3 - Stone Column, Seawall Construction, Geotextile / Sand Blanket, Marine Band Drains																																
A5 - Geotextile / Sand Blanket, Marine Band Drainga, Under Water Reclamation Filling																																
A7 - Reclamation Filling and Surcharging (Above water)																																
A8 - Surcharge																																
C1 - Medium PR Residential / GIC Foundations																																
P1_02																																
A1 - Silt Curtain																																
A3 - Stone Column, Seawall Construction, Geotextile / Sand Blanket, Marine Band Drains																																
A5 - Geotextile / Sand Blanket, Marine Band Drainga, Under Water Reclamation Filling																																
A6 - Reclamation Filling (Underwater)																																
A7 - Reclamation Filling and Surcharging (Above water)																																
A8 - Surcharge																																
C1 - Medium PR Residential / GIC Foundations																																
Int01 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int02 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int03 (Internal Road)	100	100	100	100	100	100	100	100																								
Int04 (Internal Road)	100	100	100	100	100	100	100	100																								
Int05 (Internal Road)	100	100	100	100	100	100	100	100																								
Int06 (Internal Road)			100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100												
Int07 (Internal Road)			100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100												
Int08 (Internal Road)			100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100												
Int09 (Internal Road)			100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100												
Int10 (Internal Road)	100	100	100	100	100	100	100	100																								
Int11 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2026												2027												2028											
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
A7 - Reclamation Filling and Surcharging (Above water)																																				
A8 - Surcharge																																				
B1 - High PR Residential Foundations																																				
B2 - High PR Residential Foundations and High PR Residential Superstructure																																				
B3 - High PR Residential Superstructure	105	105	105	105	105	105	105	105	105	105	105																									
P1_01																																				
A1 - Silt Curtain																																				
A2 - Stone Column and Seawall Construction																																				
A3 - Stone Column, Seawall Construction, Geotextile / Sand Blanket, Marine Band Drains																																				
A5 - Geotextile / Sand Blanket, Marine Band Drainags, Under Water Reclamation Filling																																				
A7 - Reclamation Filling and Surcharging (Above water)																																				
A8 - Surcharge																																				
C1 - Medium PR Residential / GIC Foundations																																				
P1_02																																				
A1 - Silt Curtain																																				
A3 - Stone Column, Seawall Construction, Geotextile / Sand Blanket, Marine Band Drains																																				
A5 - Geotextile / Sand Blanket, Marine Band Drainags, Under Water Reclamation Filling																																				
A6 - Reclamation Filling (Underwater)																																				
A7 - Reclamation Filling and Surcharging (Above water)																																				
A8 - Surcharge																																				
C1 - Medium PR Residential / GIC Foundations																																				
Int01 (Internal Road)																																				
Int02 (Internal Road)																																				
Int03 (Internal Road)																																				
Int04 (Internal Road)																																				
Int05 (Internal Road)																																				
Int06 (Internal Road)																																				
Int07 (Internal Road)																																				
Int08 (Internal Road)																																				
Int09 (Internal Road)																																				
Int10 (Internal Road)																																				
Int11 (Internal Road)																																				

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2029												2030											
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
A7 - Reclamation Filling and Surcharging (Above water)																								
A8 - Surcharge																								
B1 - High PR Residential Foundations																								
B2 - High PR Residential Foundations and High PR Residential Superstructure																								
B3 - High PR Residential Superstructure																								
P1_01																								
A1 - Silt Curtain																								
A2 - Stone Column and Seawall Construction																								
A3 - Stone Column, Seawall Construction, Geotextile / Sand Blanket, Marine Band Drains																								
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																								
A7 - Reclamation Filling and Surcharging (Above water)																								
A8 - Surcharge																								
C1 - Medium PR Residential / GIC Foundations																								
P1_02																								
A1 - Silt Curtain																								
A3 - Stone Column, Seawall Construction, Geotextile / Sand Blanket, Marine Band Drains																								
A5 - Geotextile / Sand Blanket, Marine Band Drainings, Under Water Reclamation Filling																								
A6 - Reclamation Filling (Underwater)																								
A7 - Reclamation Filling and Surcharging (Above water)																								
A8 - Surcharge																								
C1 - Medium PR Residential / GIC Foundations																								
Int01 (Internal Road)																								
Int02 (Internal Road)																								
Int03 (Internal Road)																								
Int04 (Internal Road)																								
Int05 (Internal Road)																								
Int06 (Internal Road)																								
Int07 (Internal Road)																								
Int08 (Internal Road)																								
Int09 (Internal Road)																								
Int10 (Internal Road)																								
Int11 (Internal Road)																								

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2023								2024												2025											
	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Int12 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int13 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int14 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int15 (Internal Road)																																
Int16 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int17 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int18 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int19 (Internal Road)																																
Int20 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int21 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int22 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int23 (Internal Road)	100	100																														
Int24 (Internal Road)	100	100																														
Int25 (Internal Road)	100	100																														
Int26 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int27 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int28 (Internal Road)	100	100																														
Int29 (Internal Road)	100	100																														
Int30 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int31 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int32 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int33 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int34 (Internal Road)																																
Int35 (Internal Road)																																
Int36 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int37 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int38 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
Int39 (Internal Road)	100	100													100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
SRM01 (Additional Sewerage Rising Main and Rehabilitation of the Existing Sewage Rising Main between Tung Chung and Siu Ho Wan)		100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2026												2027												2028											
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Int12 (Internal Road)																																				
Int13 (Internal Road)																																				
Int14 (Internal Road)																																				
Int15 (Internal Road)																																				
Int16 (Internal Road)																																				
Int17 (Internal Road)																																				
Int18 (Internal Road)																																				
Int19 (Internal Road)																																				
Int20 (Internal Road)																																				
Int21 (Internal Road)																																				
Int22 (Internal Road)																																				
Int23 (Internal Road)																															100	100	100	100	100	100
Int24 (Internal Road)																															100	100	100	100	100	100
Int25 (Internal Road)																															100	100	100	100	100	100
Int26 (Internal Road)																																				
Int27 (Internal Road)																																				
Int28 (Internal Road)																															100	100	100	100	100	100
Int29 (Internal Road)																															100	100	100	100	100	100
Int30 (Internal Road)																																				
Int31 (Internal Road)																																				
Int32 (Internal Road)																																				
Int33 (Internal Road)																																				
Int34 (Internal Road)																																				
Int35 (Internal Road)																																				
Int36 (Internal Road)																																				
Int37 (Internal Road)																																				
Int38 (Internal Road)																																				
Int39 (Internal Road)																																				
SRM01 (Additional Sewerage Rising Main and Rehabilitation of the Existing Sewage Rising Main between Tung Chung and Siu Ho Wan)																																				

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities	2029												2030											
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Int12 (Internal Road)																								
Int13 (Internal Road)																								
Int14 (Internal Road)																								
Int15 (Internal Road)																								
Int16 (Internal Road)																								
Int17 (Internal Road)																								
Int18 (Internal Road)																								
Int19 (Internal Road)																								
Int20 (Internal Road)																								
Int21 (Internal Road)																								
Int22 (Internal Road)																								
Int23 (Internal Road)	100	100	100	100	100	100	100	100	100	100	100	100												
Int24 (Internal Road)	100	100	100	100	100	100	100	100	100	100	100	100												
Int25 (Internal Road)	100	100	100	100	100	100	100	100	100	100	100	100												
Int26 (Internal Road)																								
Int27 (Internal Road)																								
Int28 (Internal Road)	100	100	100	100	100	100	100	100	100	100	100	100												
Int29 (Internal Road)	100	100	100	100	100	100	100	100	100	100	100	100												
Int30 (Internal Road)																								
Int31 (Internal Road)																								
Int32 (Internal Road)																								
Int33 (Internal Road)																								
Int34 (Internal Road)																								
Int35 (Internal Road)																								
Int36 (Internal Road)																								
Int37 (Internal Road)																								
Int38 (Internal Road)																								
Int39 (Internal Road)																								
SRM01 (Additional Sewerage Rising Main and Rehabilitation of the Existing Sewage Rising Main between Tung Chung and Siu Ho Wan)																								

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities		2023								2024												2025											
		May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Predicted Construction Noise for TCNTE / Additional Sewerage Rising Main, dB(A)																																	
	Max																																
YTT-02f	71	71	71	71	71	71	71	71	71	70	70	70	70	70	70	71	71	71	71	71	60	60	60	60	60	60	60	60	60	60	60	60	60
EHYC-01a	56	54	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	52	51	51	51	51	51	53	53	53	53	53	53	53
LCNP-01	62	56	56	53	53	53	53	53	53	53	53	53	53	53	57	58	58	58	58	58	56	56	56	56	56	56	57	57	57	57	57	57	56
A100-02j	71																				68	68	68	68	68	68	69	69	69	69	69	69	68
A116-01c	57																																
A133a-01b	66																																
A113-01e	62																																
A113-12e	0																																

Note:

1. Cell with shaded area denotes the unoccupancy of the NSR (i.e. before the population intake).

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities		2026												2027												2028											
		Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Predicted Construction Noise for TCNTE / Additional Sewerage Rising Main, dB(A)																																					
	Max																																				
YTT-02f	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHYC-01a	56	53	53	53	53	53	53	53	53	53	53	53	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	0
LCNP-01	62	55	55	55	55	55	60	60	60	60	60	60	60	60	60	60	60	60	62	62	62	62	62	62	60	60	60	60	60	60	60	60	60	60	60	60	60
A100-02j	71	68	68	68	68	68	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	68	68	68	68	68	68	68	68	68	68	68	68	68
A116-01c	57																																				
A133a-01b	66																																				
A113-01e	62																								61	61	61	61	61	61	62	62	62	62	62	62	61
A113-12e	0																								0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

1. Cell with shaded area denotes the unoccupancy of the NSR (i.e. before the population intake).

Title : Construction Noise Calculation for TNCTE and Additional Sewerage Rising Main

Scenario : Mitigated Scenario

Activities		2029												2030											
		Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Predicted Construction Noise for TCNTE / Additional Sewerage Rising Main, dB(A)																									
	Max																								
YTT-02f	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHYC-01a	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LCNP-01	62	60	60	60	60	60	60	60	60	60	60	60	54	54	54	54	54	54	54	54	54	54	54	54	0
A100-02j	71	68	68	68	68	68	68	68	68	68	68	68	0	0	0	0	0	0	0	0	0	0	0	0	0
A116-01c	57												57	56	56	56	56	56	56	56	56	56	56	56	0
A133a-01b	66																		66	66	66	66	66	66	0
A113-01e	62	61	61	61	61	61	61	61	61	61	61	61	56	56	56	56	56	56	54	54	54	54	54	54	0
A113-12e	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Note:

1. Cell with shaded area denotes the unoccupancy of the NSR (i.e. before the population intake).

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario for Tung Chung East

Predicted Construction Noise from Project, dB(A)

		2023								2024												2025											
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NSR	MAX																																
YTT-02f	69	68	68	68	68	69	69	69	69	69	69	69	69	69	64	64	62	61	61	61	61	61	61	65	65	65	65	65	61	61	61	61	60
EHYC-01a	50	48	48	48	48	49	49	49	49	49	49	50	49	49	44	44	40	40	43	43	43	43	43	48	48	48	48	48	43	43	43	43	43
LCNP-01	66	65	65	65	65	66	66	66	66	66	66	66	66	66	64	64	63	61	62	61	61	61	61	61	59	59	59	59	58	58	58	58	56
A100-02d	65																				61	61	61	62	62	62	62	62	61	61	61	61	59
A116-01c	63																																
A133a-01b	64																																
A113-01e	68																																
A113-12e	67																																

Predicted Construction Noise from TCNTE / Additional Sewerage Rising Main [4], dB(A)

NSR	MAX																																
YTT-02f	71	71	71	71	71	71	71	71	71	70	70	70	70	70	70	71	71	71	71	71	60	60	60	60	60	60	60	60	60	60	60	60	60
EHYC-01a	56	54	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	52	51	51	51	51	51	53	53	53	53	53	53	53
LCNP-01	62	56	56	53	53	53	53	53	53	53	53	53	53	53	57	58	58	58	58	58	56	56	56	56	56	56	57	57	57	57	57	57	56
A100-02d	71																				68	68	68	68	68	68	69	69	69	69	69	69	68
A116-01c	57																																
A133a-01b	66																																
A113-01e	62																																
A113-12e	0																																

Predicted Cumulative Construction Noise, dB(A)

NSR	MAX																																
YTT-02f	73	73	73	73	73	73	73	73	73	73	73	73	73	73	71	72	71	71	71	71	63	63	63	66	66	66	66	66	63	63	63	63	63
EHYC-01a	57	55	57	57	57	57	57	57	57	57	57	57	57	57	56	56	56	56	56	56	52	51	51	53	53	53	54	54	53	53	53	53	53
LCNP-01	67	65	65	65	65	66	66	66	66	67	67	67	67	67	65	65	65	63	64	63	63	63	63	63	61	61	61	61	61	61	61	61	59
A100-02d	71																				69	69	69	69	69	69	70	70	70	70	70	70	69
A116-01c	64																																
A133a-01b	68																																
A113-01e	69																																
A113-12e	67																																

Note:
1. As a worst case scenario, the predicted construction noise is calculated using the distance between the notional centre of the workfront to the closest NSR.
2. Text in red in shaded cell denotes exceedance of relevant criterion.
3. Cell with shaded area denotes the unoccupancy of the NSR (i.e. before the population intake).
4. The plant inventory for constructions of TCNTE and additional sewerage rising main is retrieved from approved EIA report for TCNTE (AEIAR-196/2016).

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario for Tung Chung East

Predicted Construction Noise from Project, dB(A)

		2026												2027												2028											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NSR	MAX																																				
YTT-02f	69	60	60	59	59	0	0	0	0	0	0	0	49	49	49	49	49	49	49	49	49	49	49	49	49	49	0	0	0	0	0	0	0	0	0	0	0
EHYC-01a	50	43	43	43	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LCNP-01	66	54	54	0	0	0	0	0	0	0	0	0	51	51	51	51	51	51	51	51	51	51	51	51	51	51	0	0	52	52	52	52	52	52	52	52	52
A100-02d	65	57	57	54	54	0	0	0	0	0	0	0	53	53	53	53	53	53	53	53	53	53	53	53	53	53	0	0	0	0	0	0	0	0	0	0	0
A116-01c	63																																				
A133a-01b	64																																				
A113-01e	68																								58	58	0	0	47	47	47	47	47	47	47	47	47
A113-12e	67																								57	57	0	0	54	54	54	54	54	54	54	54	54

Predicted Construction Noise from TCNTE / Additional Sewerage Rising Main [4], dB(A)

NSR	MAX																																				
YTT-02f	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
EHYC-01a	56	53	53	53	53	53	53	53	53	53	53	53	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	0
LCNP-01	62	55	55	55	55	55	60	60	60	60	60	60	60	60	60	60	60	60	62	62	62	62	62	62	60	60	60	60	60	60	60	60	60	60	60	60	60
A100-02d	71	68	68	68	68	68	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	68	68	68	68	68	68	68	68	68	68	68	68	68
A116-01c	57																																				
A133a-01b	66																																				
A113-01e	62																								61	61	61	61	61	61	62	62	62	62	62	62	61
A113-12e	0																								0	0	0	0	0	0	0	0	0	0	0	0	0

Predicted Cumulative Construction Noise, dB(A)

NSR	MAX																																				
YTT-02f	73	60	60	59	59	0	0	0	0	0	0	0	49	49	49	49	49	49	49	49	49	49	49	49	49	49	0	0	0	0	0	0	0	0	0	0	0
EHYC-01a	57	53	53	53	53	53	53	53	53	53	53	53	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	48	0
LCNP-01	67	58	58	55	55	55	60	60	60	60	60	60	60	60	60	60	60	60	62	62	62	62	62	62	60	60	60	60	60	60	61	61	61	61	61	61	60
A100-02d	71	68	68	68	68	68	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	71	68	68	68	68	68	68	68	68	68	68	68	68	68
A116-01c	64																																				
A133a-01b	68																																				
A113-01e	69																								63	63	61	61	62	62	62	62	62	62	62	62	61
A113-12e	67																								57	57	0	0	54	54	54	54	54	54	54	54	54

Note:
1. As a worst case scenario, the predicted construction noise is calculated using the distance between the notional centre of the workfront to the closest NSR.
2. Text in red in shaded cell denotes exceedance of relevant criterion.
3. Cell with shaded area denotes the unoccupancy of the NSR (i.e. before the population intake).
4. The plant inventory for constructions of TCNTE and additional sewerage rising main is retrieved from approved EIA report for TCNTE (AEIAR-196/2016).

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario for Tung Chung East

Predicted Construction Noise from Project, dB(A)

		2029												2030											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NSR	MAX																								
YTT-02f	69	0	0	0	0	0	0	0	0	0	66	66	66	66	66	66	66	66	66	66	66	66	66	66	
EHYC-01a	50	0	0	0	0	0	0	0	0	0	48	48	48	48	47	47	47	47	48	48	48	48	48	48	
LCNP-01	66	0	0	0	0	0	0	0	0	0	63	63	63	63	63	63	63	63	63	63	63	63	63	63	
A100-02d	65	0	0	0	0	0	0	0	0	0	65	65	65	65	65	65	65	65	65	65	65	65	65	65	
A116-01c	63												63	63	62	62	62	62	63	63	63	63	63	63	
A133a-01b	64																		64	64	64	64	64	64	
A113-01e	68	0	0	0	0	0	0	0	0	0	68	68	68	68	67	67	67	67	68	68	68	68	68	68	
A113-12e	67	0	0	0	0	0	0	0	0	0	67	67	67	67	67	67	67	67	67	67	67	67	67	67	

Predicted Construction Noise from TCNTE / Additional Sewerage Rising Main [4], dB(A)

NSR	MAX																								
YTT-02f	71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
EHYC-01a	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LCNP-01	62	60	60	60	60	60	60	60	60	60	60	60	54	54	54	54	54	54	54	54	54	54	54	54	
A100-02d	71	68	68	68	68	68	68	68	68	68	68	68	0	0	0	0	0	0	0	0	0	0	0	0	
A116-01c	57												57	56	56	56	56	56	56	56	56	56	56	56	
A133a-01b	66																		66	66	66	66	66	66	
A113-01e	62	61	61	61	61	61	61	61	61	61	61	61	56	56	56	56	56	56	54	54	54	54	54	54	
A113-12e	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Predicted Cumulative Construction Noise, dB(A)

NSR	MAX																								
YTT-02f	73	0	0	0	0	0	0	0	0	0	66	66	66	66	66	66	66	66	66	66	66	66	66	66	
EHYC-01a	57	0	0	0	0	0	0	0	0	0	48	48	48	48	47	47	47	47	48	48	48	48	48	48	
LCNP-01	67	60	60	60	60	60	60	60	60	60	65	65	64	64	63	63	63	63	64	64	64	64	64	64	
A100-02d	71	68	68	68	68	68	68	68	68	68	70	70	65	65	65	65	65	65	65	65	65	65	65	65	
A116-01c	64												64	64	63	63	63	63	64	64	64	64	64	64	
A133a-01b	68																		68	68	68	68	68	68	
A113-01e	69	61	61	61	61	61	61	61	61	61	69	69	68	68	68	68	68	68	68	68	68	68	68	68	
A113-12e	67	0	0	0	0	0	0	0	0	0	67	67	67	67	67	67	67	67	67	67	67	67	67	67	

Note:
1. As a worst case scenario, the predicted construction noise is calculated using the distance between the notional centre of the workfront to the closest NSR.
2. Text in red in shaded cell denotes exceedance of relevant criterion.
3. Cell with shaded area denotes the unoccupancy of the NSR (i.e. before the population intake).
4. The plant inventory for constructions of TCNTE and additional sewerage rising main is retrieved from approved EIA report for TCNTE (AEIAR-196/2016).

Mitigated Construction Noise for TCW

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario

		2023								2024												2025											
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Site Clearance at TCW																																	
TCW Site Clearance	102	102	102	102	102	102	102																										
Construction of Diaphragm Wall on Station East Side																																	
E- Zone A Construction of Diaphragm Wall	100							100	100											100	100	100	100										
E- Zone A Installation of Mini-piles	100									100	100												100	100									
E- Zone B Construction of Diaphragm Wall	100							100	100	100	100	100	100	100	100	100																	
E- Zone B Installation of Mini-piles	100																100	100	100														
E- Zone C Construction of Diaphragm Wall	100							100	100	100	100	100	100	100	100					100	100												
E- Zone C Installation of Mini-piles	100															100	100	100	100			100											
E- Zone D Construction of Diaphragm Wall	99							99	99	99	99	99	99	99	99	99					99												
E- Zone D Installation of Mini-piles	100																100	100	100	100		100											
E- Zone E Construction of Diaphragm Wall	99							99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99	99								
E- Zone E Installation of Mini-piles	100																									100	100	100					
Construction of Diaphragm Wall on Station West Side																																	
W- Zone A Construction of Diaphragm Wall	101																						101	101	101	101	101						
W- Zone A Installation of Mini-piles	100																							100	100	100	100	100	100	100	100		
W- Zone B Construction of Diaphragm Wall	101																			101	101	101	101	101	101	101	101						
W- Zone B Installation of Mini-piles	100																										100	100	100	100	100	100	100
W- Zone C Construction of Diaphragm Wall	101																					101	101	101	101	101	101	101	101	101	101		
W- Zone C Installation of Mini-piles	100																						100	100	100	100	100	100	100	100	100	100	100
W- Zone D Construction of Diaphragm Wall	101																					101	101	101	101	101	101	101	101				
W- Zone D Installation of Mini-piles	100																						100	100	100	100	100	100	100	100	100	100	100
W- Zone E Construction of Diaphragm Wall	101																											101	101	101	101	101	101
W- Zone E Installation of Mini-piles	100																												100	100	100		
Construction of Diaphragm Wall on Station East Side & West Side - Stationary Plants																																	
Dwall S1 Diaphragm Wall Construction - Supporting Stationary Plants	98							98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98
Dwall S2 Diaphragm Wall Construction - Supporting Stationary Plants	96							96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96	96
Dwall S3 Diaphragm Wall Construction - Supporting Stationary Plants	94							94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94	94
Dwall S4 Diaphragm Wall Construction - Supporting Stationary Plants	97							97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97	97
Dwall S5 Diaphragm Wall Construction - Supporting Stationary Plants	98							98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98	98
Dwall S6 Diaphragm Wall Construction - Supporting Stationary Plants	80							80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80	80
Dwall S7 Mini-piles Installation (Zone A) - Supporting Stationary Plants	90									90	90												90	90	90	90	90	90	90	90	90		
Dwall S8 Mini-piles Installation (Zone B) - Supporting Stationary Plants	90															90	90	90	90								90	90	90	90	90	90	90
Dwall S9 Mini-piles Installation (Zone C) - Supporting Stationary Plants	90															90	90	90	90			90	90	90	90	90	90	90	90	90	90	90	90
Dwall S10 Mini-piles Installation (Zone D) - Supporting Stationary Plants	90																90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90	90
Dwall S11 Mini-piles Installation (Zone E) - Supporting Stationary Plants	90																									90	90	90					
Works Area WA.W02 for D-wall Steel Cage Rebar Fixing Works																																	
WA.W02 -D-wall Steel Cage Rebar Fixing Works	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103
TCW Excavation																																	
Mucking out Opening A1 - Excavation Works	101																																
Excavation S1 - Stationary Plant for Excavation Zone A	85																																
Mucking out Opening B1 - Excavation Works	99																																
Mucking out Opening B2 - Excavation Works	100																																
Excavation S1 - Stationary Plant for Excavation Zone B	85																																
Mucking out Opening C1 - Excavation Works	98																																
Mucking out Opening C2 - Excavation Works	100																																
Excavation S2 - Stationary Plant for Excavation Zone C	85																																
Mucking out Opening D1 - Excavation Works	98																																
Mucking out Opening D2 - Excavation Works	100																																
Excavation S2 - Stationary Plant for Excavation Zone D	85																																
Mucking out Opening E1 - Excavation Works	101																																
Excavation S3 - Stationary Plant for Excavation Zone E	82																																

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario

		2026												2027												2028											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Site Clearance at TCW																																					
TCW Site Clearance	102																																				
Construction of Diaphragm Wall on Station East Side																																					
E- Zone A Construction of Diaphragm Wall	100																																				
E- Zone A Installation of Mini-piles	100																																				
E- Zone B Construction of Diaphragm Wall	100																																				
E- Zone B Installation of Mini-piles	100																																				
E- Zone C Construction of Diaphragm Wall	100																																				
E- Zone C Installation of Mini-piles	100																																				
E- Zone D Construction of Diaphragm Wall	99																																				
E- Zone D Installation of Mini-piles	100																																				
E- Zone E Construction of Diaphragm Wall	99																																				
E- Zone E Installation of Mini-piles	100																																				
Construction of Diaphragm Wall on Station West Side																																					
W- Zone A Construction of Diaphragm Wall	101																																				
W- Zone A Installation of Mini-piles	100																																				
W- Zone B Construction of Diaphragm Wall	101																																				
W- Zone B Installation of Mini-piles	100	100	100																																		
W- Zone C Construction of Diaphragm Wall	101																																				
W- Zone C Installation of Mini-piles	100	100																																			
W- Zone D Construction of Diaphragm Wall	101																																				
W- Zone D Installation of Mini-piles	100	100	100																																		
W- Zone E Construction of Diaphragm Wall	101	101	101																																		
W- Zone E Installation of Mini-piles	100	100	100	100	100	100																															
Construction of Diaphragm Wall on Station East Side & West Side - Stationary Plants																																					
Dwall S1 Diaphragm Wall Construction - Supporting Stationary Plants	98	98	98																																		
Dwall S2 Diaphragm Wall Construction - Supporting Stationary Plants	96	96	96																																		
Dwall S3 Diaphragm Wall Construction - Supporting Stationary Plants	94	94	94																																		
Dwall S4 Diaphragm Wall Construction - Supporting Stationary Plants	97	97	97																																		
Dwall S5 Diaphragm Wall Construction - Supporting Stationary Plants	98	98	98																																		
Dwall S6 Diaphragm Wall Construction - Supporting Stationary Plants	80	80	80																																		
Dwall S7 Mini-piles Installation (Zone A) - Supporting Stationary Plants	90																																				
Dwall S8 Mini-piles Installation (Zone B) - Supporting Stationary Plants	90	90	90																																		
Dwall S9 Mini-piles Installation (Zone C) - Supporting Stationary Plants	90	90	90																																		
Dwall S10 Mini-piles Installation (Zone D) - Supporting Stationary Plants	90	90	90																																		
Dwall S11 Mini-piles Installation (Zone E) - Supporting Stationary Plants	90	90	90	90	90	90																															
Works Area WA.W02 for D-wall Steel Cage Rebar Fixing Works																																					
WA.W02 -D-wall Steel Cage Rebar Fixing Works	103	103	103	103																																	
TCW Excavation																																					
Mucking out Opening A1 - Excavation Works	101		101	101	101		101	101		101	101	101																									
Excavation S1 - Stationary Plant for Excavation Zone A	85		85	85	85		85	85		85	85	85																									
Mucking out Opening B1 - Excavation Works	99				99						99	99	99																								
Mucking out Opening B2 - Excavation Works	100				100						100	100	100																								
Excavation S1 - Stationary Plant for Excavation Zone B	85				85						85	85	85																								
Mucking out Opening C1 - Excavation Works	98						98			98			98	98	98	98																					
Mucking out Opening C2 - Excavation Works	100						100			100			100	100	100	100																					
Excavation S2 - Stationary Plant for Excavation Zone C	85						85			85			85	85	85	85																					
Mucking out Opening D1 - Excavation Works	98						98	98			98				98	98																					
Mucking out Opening D2 - Excavation Works	100						100	100			100				100	100																					
Excavation S2 - Stationary Plant for Excavation Zone D	85						85	85			85				85	85																					
Mucking out Opening E1 - Excavation Works	101					101	101						101																								
Excavation S3 - Stationary Plant for Excavation Zone E	82					82	82						82																								

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario

		2029							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Site Clearance at TCW									
TCW Site Clearance	102								
Construction of Diaphragm Wall on Station East Side									
E- Zone A Construction of Diaphragm Wall	100								
E- Zone A Installation of Mini-piles	100								
E- Zone B Construction of Diaphragm Wall	100								
E- Zone B Installation of Mini-piles	100								
E- Zone C Construction of Diaphragm Wall	100								
E- Zone C Installation of Mini-piles	100								
E- Zone D Construction of Diaphragm Wall	99								
E- Zone D Installation of Mini-piles	100								
E- Zone E Construction of Diaphragm Wall	99								
E- Zone E Installation of Mini-piles	100								
Construction of Diaphragm Wall on Station West Side									
W- Zone A Construction of Diaphragm Wall	101								
W- Zone A Installation of Mini-piles	100								
W- Zone B Construction of Diaphragm Wall	101								
W- Zone B Installation of Mini-piles	100								
W- Zone C Construction of Diaphragm Wall	101								
W- Zone C Installation of Mini-piles	100								
W- Zone D Construction of Diaphragm Wall	101								
W- Zone D Installation of Mini-piles	100								
W- Zone E Construction of Diaphragm Wall	101								
W- Zone E Installation of Mini-piles	100								
Construction of Diaphragm Wall on Station East Side & West Side - Stationary Plants									
Dwall S1 Diaphragm Wall Construction - Supporting Stationary Plants	98								
Dwall S2 Diaphragm Wall Construction - Supporting Stationary Plants	96								
Dwall S3 Diaphragm Wall Construction - Supporting Stationary Plants	94								
Dwall S4 Diaphragm Wall Construction - Supporting Stationary Plants	97								
Dwall S5 Diaphragm Wall Construction - Supporting Stationary Plants	98								
Dwall S6 Diaphragm Wall Construction - Supporting Stationary Plants	80								
Dwall S7 Mini-piles Installation (Zone A) - Supporting Stationary Plants	90								
Dwall S8 Mini-piles Installation (Zone B) - Supporting Stationary Plants	90								
Dwall S9 Mini-piles Installation (Zone C) - Supporting Stationary Plants	90								
Dwall S10 Mini-piles Installation (Zone D) - Supporting Stationary Plants	90								
Dwall S11 Mini-piles Installation (Zone E) - Supporting Stationary Plants	90								
Works Area WA.W02 for D-wall Steel Cage Rebar Fixing Works									
WA.W02 -D-wall Steel Cage Rebar Fixing Works	103								
TCW Excavation									
Mucking out Opening A1 - Excavation Works	101								
Excavation S1 - Stationary Plant for Excavation Zone A	85								
Mucking out Opening B1 - Excavation Works	99								
Mucking out Opening B2 - Excavation Works	100								
Excavation S1 - Stationary Plant for Excavation Zone B	85								
Mucking out Opening C1 - Excavation Works	98								
Mucking out Opening C2 - Excavation Works	100								
Excavation S2 - Stationary Plant for Excavation Zone C	85								
Mucking out Opening D1 - Excavation Works	98								
Mucking out Opening D2 - Excavation Works	100								
Excavation S2 - Stationary Plant for Excavation Zone D	85								
Mucking out Opening E1 - Excavation Works	101								
Excavation S3 - Stationary Plant for Excavation Zone E	82								

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario

		2023								2024												2025											
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCW Structural Works																																	
Mucking out Opening A1 - Structural Works (Roof Slab)	102																													102	102	102	
Mucking out Opening A1 - Structural Works (other than Roof Slab)	99																																
Structural S1 - Stationary Plant for Structural Zone A	104																													104	104	104	
Mucking out Opening B1 - Structural Works (Roof Slab)	102																																102
Mucking out Opening B1 - Structural Works (Other Than Roof Slab)	100																																
Mucking out Opening B2 - Structural Works (Roof Slab)	102																																102
Mucking out Opening B2 - Structural Works (Other Than Roof Slab)	100																																
Structural S1 - Stationary Plant for Structural Zone B	104																																104
Mucking out Opening C1 - Structural Works (Roof Slab)	102																																
Mucking out Opening C1 - Structural Works (Other Than Roof Slab)	100																																
Mucking out Opening C2 - Structural Works (Roof Slab)	102																																
Mucking out Opening C2 - Structural Works (Other Than Roof Slab)	100																																
Structural S2 - Stationary Plant for Structural Zone C	104																																
Mucking out Opening D1 - Structural Works (Roof Slab)	102																																
Mucking out Opening D1 - Structural Works (Other Than Roof Slab)	100																																
Mucking out Opening D2 - Structural Works (Roof Slab)	102																																
Mucking out Opening D2 - Structural Works (Other Than Roof Slab)	100																																
Structural S2 - Stationary Plant for Structural Zone D	106																																
Mucking out Opening E1 - Structural Works (Roof Slab)	102																																
Mucking out Opening E1 - Structural Works (Other Than Roof Slab)	99																																
Structural S2 - Stationary Plant for Structural Zone E	104																																
TCW Vent Shaft Structure and Entrances - Foundation Works																																	
North Vent Shaft Structure - Foundation Works	103																																
Building S1 - Stationary Plant for North Vent Shaft Structure Foundation Works	93																																
Entrance A - Foundation Works	100																																
Building S2 - Stationary Plant for Entrance A Foundation Works	90																																
TCW Vent Shaft Structure and Entrances - Excavation Works																																	
North Vent Shaft Structure - Excavation Works	99																																
Building S1 - Stationary Plant for North Vent Shaft Structure Excavation Works	82																																
Entrance A - Excavation Works	99																																
Building S2 - Stationary Plant for Entrance A Excavation Works	82																																
TCW Vent Shaft Structure and Entrances - Structural Works																																	
South Vent Shaft Structure - Structural Works	100																																
Building S2 - Stationary Plant for South Vent Shaft Structure Structural Works	103																																
North Vent Shaft Structure - Structural Works	100																																
Building S1 - Stationary Plant for North Vent Shaft Structure Structural Works	104																																
Entrance A - Structural Works	100																																
Building S2 - Stationary Plant for Entrance A Structural Works	104																																
Entrance B - Structural Works	100																																
Building S1 - Stationary Plant for Entrance B Structural Works	103																																
Site Reinstatement																																	
TCW Site Reinstatement	110																																

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario

		2026												2027												2028											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
TCW Structural Works																																					
Mucking out Opening A1 - Structural Works (Roof Slab)	102																																				
Mucking out Opening A1 - Structural Works (other than Roof Slab)	99					99			99				99	99	99	99	99	99	99																		
Structural S1 - Stationary Plant for Structural Zone A	104					104			104				104	104	104	104	104	104	104																		
Mucking out Opening B1 - Structural Works (Roof Slab)	102	102	102	102																																	
Mucking out Opening B1 - Structural Works (Other Than Roof Slab)	100					100	100	100	100	100				100	100	100	100	100	100	100																	
Mucking out Opening B2 - Structural Works (Roof Slab)	102	102	102	102																																	
Mucking out Opening B2 - Structural Works (Other Than Roof Slab)	100					100	100	100	100	100				100	100	100	100	100	100	100																	
Structural S1 - Stationary Plant for Structural Zone B	104	104	104	104		104	104	104	104	104				104	104	104	104	104	104	104																	
Mucking out Opening C1 - Structural Works (Roof Slab)	102		102	102	102	102																															
Mucking out Opening C1 - Structural Works (Other Than Roof Slab)	100							100	100		100	100					100	100	100	100	100	100	100	100													
Mucking out Opening C2 - Structural Works (Roof Slab)	102		102	102	102	102																															
Mucking out Opening C2 - Structural Works (Other Than Roof Slab)	100							100	100		100	100					100	100	100	100	100	100	100	100													
Structural S2 - Stationary Plant for Structural Zone C	104		104	104	104	104		104	104		104	104					104	104	104	104	104	104	104	104													
Mucking out Opening D1 - Structural Works (Roof Slab)	102		102	102	102	102																															
Mucking out Opening D1 - Structural Works (Other Than Roof Slab)	100								100	100		100	100	100			100	100	100	100	100	100	100	100													
Mucking out Opening D2 - Structural Works (Roof Slab)	102		102	102	102	102																															
Mucking out Opening D2 - Structural Works (Other Than Roof Slab)	100								100	100		100	100	100			100	100	100	100	100	100	100	100													
Structural S2 - Stationary Plant for Structural Zone D	106		106	106	106	106			106	106		106	106	106			106	106	106	106	106	106	106	106													
Mucking out Opening E1 - Structural Works (Roof Slab)	102		102	102																																	
Mucking out Opening E1 - Structural Works (Other Than Roof Slab)	99							99	99		99	99		99	99	99	99	99	99	99	99																
Structural S2 - Stationary Plant for Structural Zone E	104		104	104				104	104		104	104		104	104	104	104	104	104	104	104																
TCW Vent Shaft Structure and Entrances - Foundation Works																																					
North Vent Shaft Structure - Foundation Works	103	103	103	103	103	103	103	103	103	103	103																										
Building S1 - Stationary Plant for North Vent Shaft Structure Foundation Works	93	93	93	93	93	93	93	93	93	93	93																										
Entrance A - Foundation Works	100	100	100	100	100	100	100	100	100	100	100	100	100																								
Building S2 - Stationary Plant for Entrance A Foundation Works	90	90	90	90	90	90	90	90	90	90	90	90	90																								
TCW Vent Shaft Structure and Entrances - Excavation Works																																					
North Vent Shaft Structure - Excavation Works	99												99	99	99																						
Building S1 - Stationary Plant for North Vent Shaft Structure Excavation Works	82												82	82	82																						
Entrance A - Excavation Works	99														99	99	99	99																			
Building S2 - Stationary Plant for Entrance A Excavation Works	82														82	82	82	82																			
TCW Vent Shaft Structure and Entrances - Structural Works																																					
South Vent Shaft Structure - Structural Works	100							100	100	100	100	100	100																								
Building S2 - Stationary Plant for South Vent Shaft Structure Structural Works	103							103	103	103	103	103	103																								
North Vent Shaft Structure - Structural Works	100														100	100	100	100	100	100	100	100	100														
Building S1 - Stationary Plant for North Vent Shaft Structure Structural Works	104														104	104	104	104	104	104	104	104	104														
Entrance A - Structural Works	100																	100	100	100	100	100	100	100	100												
Building S2 - Stationary Plant for Entrance A Structural Works	104																	104	104	104	104	104	104	104	104												
Entrance B - Structural Works	100								100	100	100																										
Building S1 - Stationary Plant for Entrance B Structural Works	103								103	103	103																										
Site Reinstatement																																					
TCW Site Reinstatement	110																								110	110	110	110	110	110	110	110	110	110	110	110	110

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario

		2029							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
TCW Structural Works									
Mucking out Opening A1 - Structural Works (Roof Slab)	102								
Mucking out Opening A1 - Structural Works (other than Roof Slab)	99								
Structural S1 - Stationary Plant for Structural Zone A	104								
Mucking out Opening B1 - Structural Works (Roof Slab)	102								
Mucking out Opening B1 - Structural Works (Other Than Roof Slab)	100								
Mucking out Opening B2 - Structural Works (Roof Slab)	102								
Mucking out Opening B2 - Structural Works (Other Than Roof Slab)	100								
Structural S1 - Stationary Plant for Structural Zone B	104								
Mucking out Opening C1 - Structural Works (Roof Slab)	102								
Mucking out Opening C1 - Structural Works (Other Than Roof Slab)	100								
Mucking out Opening C2 - Structural Works (Roof Slab)	102								
Mucking out Opening C2 - Structural Works (Other Than Roof Slab)	100								
Structural S2 - Stationary Plant for Structural Zone C	104								
Mucking out Opening D1 - Structural Works (Roof Slab)	102								
Mucking out Opening D1 - Structural Works (Other Than Roof Slab)	100								
Mucking out Opening D2 - Structural Works (Roof Slab)	102								
Mucking out Opening D2 - Structural Works (Other Than Roof Slab)	100								
Structural S2 - Stationary Plant for Structural Zone D	106								
Mucking out Opening E1 - Structural Works (Roof Slab)	102								
Mucking out Opening E1 - Structural Works (Other Than Roof Slab)	99								
Structural S2 - Stationary Plant for Structural Zone E	104								
TCW Vent Shaft Structure and Entrances - Foundation Works									
North Vent Shaft Structure - Foundation Works	103								
Building S1 - Stationary Plant for North Vent Shaft Structure Foundation Works	93								
Entrance A - Foundation Works	100								
Building S2 - Stationary Plant for Entrance A Foundation Works	90								
TCW Vent Shaft Structure and Entrances - Excavation Works									
North Vent Shaft Structure - Excavation Works	99								
Building S1 - Stationary Plant for North Vent Shaft Structure Excavation Works	82								
Entrance A - Excavation Works	99								
Building S2 - Stationary Plant for Entrance A Excavation Works	82								
TCW Vent Shaft Structure and Entrances - Structural Works									
South Vent Shaft Structure - Structural Works	100								
Building S2 - Stationary Plant for South Vent Shaft Structure Structural Works	103								
North Vent Shaft Structure - Structural Works	100								
Building S1 - Stationary Plant for North Vent Shaft Structure Structural Works	104								
Entrance A - Structural Works	100								
Building S2 - Stationary Plant for Entrance A Structural Works	104								
Entrance B - Structural Works	100								
Building S1 - Stationary Plant for Entrance B Structural Works	103								
Site Reinstatement									
TCW Site Reinstatement	110	110	110	110	110	110	110	110	110

Project : EIA for Tung Chung Line Extension
Title : Preliminary Noise Assessment from TCW Haul Road
Subtitle : Construction of Haul Road at Yat Tung Estate (Mitigated)

YTE-16a

Source	Period	SWL / Unit dB(A)	Qty Nos	% Util	Total SWL dB(A)	Dist m	Speed kph	[2] Angle deg	Correction [1] Dist dB(A)	Facade dB(A)	Speed dB(A)	Angle dB(A)	Mitigated	SPL Daytime dB(A)
Lorry with Crane (CNP144) vehicle / hr - Daytime only	II	105	2	100%	108	6	5	180	-8	3	-7	0	-5 (Barrier)	58
												Noise Impacts from Haul Road, dB(A)		**58**

YTE-14a

Source	Period	SWL / Unit dB(A)	Qty Nos	% Util	Total SWL dB(A)	Dist m	Speed kph	[2] Angle deg	Correction [1] Dist dB(A)	Facade dB(A)	Speed dB(A)	Angle dB(A)	Mitigated	SPL Daytime dB(A)
Lorry with Crane (CNP144) vehicle / hr - Daytime only	II	105	2	100%	108	6	5	180	-8	3	-7	0	-5 (Barrier)	58
												Noise Impacts from Haul Road, dB(A)		**58**

YTE-04a

Source	Period	SWL / Unit dB(A)	Qty Nos	% Util	Total SWL dB(A)	Dist m	Speed kph	[2] Angle deg	Correction [1] Dist dB(A)	Facade dB(A)	Speed dB(A)	Angle dB(A)	Mitigated	SPL Daytime dB(A)
Lorry with Crane (CNP144) vehicle / hr - Daytime only	II	105	2	100%	108	6	5	180	-8	3	-7	0	-5 (Barrier)	58
												Noise Impacts from Haul Road, dB(A)		**58**

YTE-01a

Source	Period	SWL / Unit dB(A)	Qty Nos	% Util	Total SWL dB(A)	Dist m	Speed kph	[2] Angle deg	Correction [1] Dist dB(A)	Facade dB(A)	Speed dB(A)	Angle dB(A)	Mitigated	SPL Daytime dB(A)
Lorry with Crane (CNP144) vehicle / hr - Daytime only	II	105	2	100%	108	7	5	180	-8	3	-7	0	-5 (Barrier)	58
												Noise Impacts from Haul Road, dB(A)		**58**

HLP-01a

Source	Period	SWL / Unit dB(A)	Qty Nos	% Util	Total SWL dB(A)	Dist m	Speed kph	[2] Angle deg	Correction [1] Dist dB(A)	Facade dB(A)	Speed dB(A)	Angle dB(A)	Mitigated	SPL Daytime dB(A)
Lorry with Crane (CNP144) vehicle / hr - Daytime only	II	105	2	100%	108	170	5	180	-22	3	-7	0	-5 (Barrier)	43
												Noise Impacts from Haul Road, dB(A)		**43**

HLP-02a

Source	Period	SWL / Unit dB(A)	Qty Nos	% Util	Total SWL dB(A)	Dist m	Speed kph	[2] Angle deg	Correction [1] Dist dB(A)	Facade dB(A)	Speed dB(A)	Angle dB(A)	Mitigated	SPL Daytime dB(A)
Lorry with Crane (CNP144) vehicle / hr - Daytime only	II	105	2	100%	108	205	5	180	-23	3	-7	0	-5 (Barrier)	42
												Noise Impacts from Haul Road, dB(A)		**42**

Project : EIA for Tung Chung Line Extension
Title : Preliminary Noise Assessment from TCW Haul Road
Subtitle : Construction of Haul Road at Yat Tung Estate (Mitigated)

MTE-01a

Source	Period	SWL / Unit dB(A)	Qty Nos	% Util	Total SWL dB(A)	Dist m	Speed kph	[2] Angle deg	Correction [1] Dist dB(A)	Facade dB(A)	Speed dB(A)	Angle dB(A)	Mitigated	SPL Daytime dB(A)
Lorry with Crane (CNP144) vehicle / hr - Daytime only	II	105	2	100%	108	220	5	180	-23	3	-7	0	-5 (Barrier)	42
												Noise Impacts from Haul Road, dB(A)		**42**

ETCCS-01a

Source	Period	SWL / Unit dB(A)	Qty Nos	% Util	Total SWL dB(A)	Dist m	Speed kph	[2] Angle deg	Correction [1] Dist dB(A)	Facade dB(A)	Speed dB(A)	Angle dB(A)	Mitigated	SPL Daytime dB(A)
Lorry with Crane (CNP144) vehicle / hr - Daytime only	II	105	2	100%	108	70	5	180	-18	3	-7	0	-5 (Barrier)	47
												Noise Impacts from Haul Road, dB(A)		**47**

YTE-01b

Source	Period	SWL / Unit dB(A)	Qty Nos	% Util	Total SWL dB(A)	Dist m	Speed kph	[2] Angle deg	Correction [1] Dist dB(A)	Facade dB(A)	Speed dB(A)	Angle dB(A)	Mitigated	SPL Daytime dB(A)
Lorry with Crane (CNP144) vehicle / hr - Daytime only	II	105	2	100%	108	N/A [3]	5	N/A [3]	N/A [3]	3	-7	N/A [3]	-5 (Barrier)	N/A [3]
												Noise Impacts from Haul Road, dB(A)		N/A [3]

YTE-05a

Source	Period	SWL / Unit dB(A)	Qty Nos	% Util	Total SWL dB(A)	Dist m	Speed kph	[2] Angle deg	Correction [1] Dist dB(A)	Facade dB(A)	Speed dB(A)	Angle dB(A)	Mitigated	SPL Daytime dB(A)
Lorry with Crane (CNP144) vehicle / hr - Daytime only	II	105	2	100%	108	N/A [3]	5	N/A [3]	N/A [3]	3	-7	N/A [3]	-5 (Barrier)	N/A [3]
												Noise Impacts from Haul Road, dB(A)		N/A [3]

MWC-01a

Source	Period	SWL / Unit dB(A)	Qty Nos	% Util	Total SWL dB(A)	Dist m	Speed kph	[2] Angle deg	Correction [1] Dist dB(A)	Facade dB(A)	Speed dB(A)	Angle dB(A)	Mitigated	SPL Daytime dB(A)
Lorry with Crane (CNP144) vehicle / hr - Daytime only	II	105	2	100%	108	90	5	180	-20	3	-7	0	-5 (Barrier)	46
												Noise Impacts from Haul Road, dB(A)		**46**

Note:
I - Daytime, evening and night-time operation
II - Daytime operation only
III - Evening operation only

[1] : Based on BS 5228 Pt 1: 1997 D3.5.2 Method for mobile plant using a regular well defined route (haul road)
$L_{eq} = L_w - 33 + 10 \log (Qty) - 10 \log (speed) - 10 \log(dist) + 10 \log (angle /180) + C_{facade}$

[2] : A view angle of 180 deg has been assumed for conservative assessment

[3]: The view angle of the receiver will not include the haul road.

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation (RRIW - Footbridge)
Scenario : Mitigated Scenario

Activities	SWL	2023								2024												2025				
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May
Footbridge Modification																										
Footbridge Demolition	101		101	101	101	101	101	101																		
Footbridge Piling Excavation	99								99	99	99															
Footbridge Piling Concreting	103											103	103	103												
Footbridge Pile Cap	103														103	103	103									
Footbridge Structure	104																	104	104	104						
Footbridge Finishing & E&M	100																				100	100	100	100	100	100

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario

Predicted Construction Noise of the Project (without Haul Road), dB(A)

		2023								2024												2025											
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NSR	Max																																
YTE-16a	73	59	59	59	59	59	59	69	69	69	69	63	63	63	63	63	63	63	63	69	69	69	73	72	69	69	70	67	67	70	70	68	66
YTE-14a	73	62	62	62	62	62	62	70	70	70	70	70	70	70	70	70	70	70	70	69	69	70	70	70	70	70	71	69	69	70	70	70	72
YTE-04a	74	65	65	65	65	65	65	71	71	71	71	71	71	71	71	71	72	72	72	72	71	73	72	72	72	72	72	72	72	71	71	68	69
YTE-01a	75	59	59	59	59	59	59	74	74	74	74	74	74	74	74	74	74	74	74	74	74	75	74	74	74	74	74	75	74	72	72	71	71
HLP-01a	62	56	56	56	56	56	56	58	58	58	58	58	58	58	58	58	58	58	58	58	58	59	59	59	59	59	59	60	60	60	60	59	59
HLP-02a	63	60	60	60	60	60	60	61	61	61	61	61	61	61	61	61	61	61	61	61	61	62	62	62	62	62	62	62	62	62	62	61	62
MTE-01a	68	66	66	66	66	66	66	67	67	67	67	67	67	67	67	67	67	67	67	67	67	68	68	68	68	68	68	68	68	68	68	68	68
ETCCS-01a	64	48	48	48	48	48	48	60	60	60	60	59	59	59	59	59	59	59	59	60	60	61	63	63	62	62	62	61	61	62	62	61	61
YTE-01b	69	56	56	56	56	56	56	65	65	65	65	65	65	65	65	65	65	65	65	65	65	66	66	66	66	66	66	68	67	66	66	65	65
YTE-05a	66	53	53	53	53	53	53	58	58	58	58	58	58	58	58	58	58	58	58	59	58	60	60	60	60	60	60	61	61	60	60	59	59
A60-03a	59																															55	55
MWC-01a	73	51	51	51	51	51	51	72	72	71	71	71	71	71	71	71	71	71	71	72	72	72	72	72	72	72	72	71	71	72	72	72	72

Predicted Construction Noise of the Haul Road at Yat Tung Estate, dB(A)

NSR	Max																																
YTE-16a	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	0	0	0	0	0	0	0
YTE-14a	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	0	0	0	0	0	0	0
YTE-04a	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	0	0	0	0	0	0	0
YTE-01a	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	0	0	0	0	0	0	0
HLP-01a	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	43	0	0	0	0	0	0	0
HLP-02a	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	0	0	0	0	0	0	0
MTE-01a	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	42	0	0	0	0	0	0	0
ETCCS-01a	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	47	0	0	0	0	0	0	0
YTE-01b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YTE-05a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A60-03a	0																															0	0
MWC-01a	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	46	0	0	0	0	0	0	0

Predicted Construction Noise from the Project, dB(A)

NSR	Max																																
YTE-16a	73	61	61	61	61	61	61	69	69	69	69	64	64	64	64	64	64	64	64	69	69	70	73	72	70	70	70	67	67	70	70	68	66
YTE-14a	73	63	63	63	63	63	63	71	71	71	71	70	70	70	70	70	70	70	70	69	69	70	70	70	70	70	71	69	69	70	70	70	72
YTE-04a	74	66	66	66	66	66	66	72	72	72	72	72	72	72	72	72	72	72	72	72	72	74	72	72	72	72	72	72	72	71	71	68	69
YTE-01a	75	62	62	62	62	62	62	74	74	74	74	74	74	74	74	74	74	74	74	74	74	75	74	74	74	74	74	75	74	72	72	71	71
HLP-01a	62	56	56	56	56	56	56	58	58	58	58	58	58	58	58	58	58	58	58	58	58	59	59	59	59	59	59	60	60	60	60	59	59
HLP-02a	63	60	60	60	60	60	60	61	61	61	61	61	61	61	61	61	61	61	61	61	61	62	62	62	62	62	62	62	62	62	62	61	62
MTE-01a	68	66	66	66	66	66	66	67	67	67	67	67	67	67	67	67	67	67	67	67	67	68	68	68	68	68	68	68	68	68	68	68	68
ETCCS-01a	64	50	50	50	50	50	50	60	60	60	60	59	59	59	59	59	59	59	59	60	60	61	63	63	62	62	62	61	61	62	62	61	61
YTE-01b	69	56	56	56	56	56	56	65	65	65	65	65	65	65	65	65	65	65	65	65	65	66	66	66	66	66	66	68	67	66	66	65	65
YTE-05a	66	53	53	53	53	53	53	58	58	58	58	58	58	58	58	58	58	58	58	59	58	60	60	60	60	60	60	61	61	60	60	59	59
A60-03a	59																															55	55
MWC-01a	73	52	52	52	52	52	52	72	72	71	71	71	71	71	71	71	71	71	71	72	72	72	72	72	72	72	72	71	71	72	72	72	72

Note:
1. As a worst case scenario, the predicted construction noise is calculated using the distance between the notional centre of the workfront to the closest NSR.
2. Text in red in shaded cell denotes exceedance of relevant criterion.
3. Cell with shaded area denotes the unoccupancy of the NSR (i.e. before the population intake).

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario

Predicted Construction Noise of the Project (without Haul Road), dB(A)

		2026												2027												2028											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NSR	Max																																				
YTE-16a	73	68	70	69	68	69	69	69	70	69	69	68	68	68	69	69	69	69	69	67	64	64	64	59	67	67	67	67	67	67	67	67	67	67	67	67	67
YTE-14a	73	73	73	72	70	72	70	71	73	72	71	69	70	71	72	72	72	72	72	71	68	67	67	64	70	70	70	70	70	70	70	70	70	70	70	70	70
YTE-04a	74	69	74	73	72	73	69	71	73	71	72	72	71	71	70	70	72	73	73	73	72	72	72	72	74	73	73	73	73	73	73	73	73	73	73	73	73
YTE-01a	75	73	74	71	70	71	68	75	75	75	75	75	75	67	67	67	68	69	68	68	68	66	66	66	68	67	67	67	67	67	67	67	67	67	67	67	67
HLP-01a	62	60	62	61	58	59	57	59	60	58	59	59	59	57	57	57	58	59	59	59	58	57	57	57	56	55	55	55	55	55	55	55	55	55	55	55	55
HLP-02a	63	62	63	62	57	58	56	58	59	57	58	58	58	56	56	56	57	58	58	58	57	56	56	56	56	55	55	55	55	55	55	55	55	55	55	55	55
MTE-01a	68	68	68	67	57	58	56	58	59	57	58	58	58	56	56	56	58	58	58	58	57	56	56	56	57	55	55	55	55	55	55	55	55	55	55	55	55
ETCCS-01a	64	63	64	63	62	63	62	63	64	63	63	61	62	62	63	63	64	64	64	63	61	61	61	57	57	56	56	56	56	56	56	56	56	56	56	56	56
YTE-01b	69	67	69	68	66	67	65	67	68	67	67	68	68	64	64	64	65	66	66	66	65	63	63	63	63	61	61	61	61	61	61	61	61	61	61	61	61
YTE-05a	66	61	66	65	64	64	60	63	65	63	63	65	63	63	61	61	64	65	65	64	64	63	63	63	60	58	58	58	58	58	58	58	58	58	58	58	58
A60-03a	59	56	59	58	56	57	54	56	58	56	56	56	56	55	55	55	57	57	57	57	56	56	56	55	57	56	56	56	56	56	56	56	56	56	56	56	56
MWC-01a	73	73	73	70	68	71	69	69	72	71	69	63	68	70	72	71	72	72	72	70	69	69	69	60	69	69	69	69	69	69	69	69	69	69	69	69	69

Predicted Construction Noise of the Haul Road at Yat Tung Estate, dB(A)

NSR	Max																																				
YTE-16a	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YTE-14a	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YTE-04a	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YTE-01a	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HLP-01a	43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HLP-02a	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MTE-01a	42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ETCCS-01a	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YTE-01b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YTE-05a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A60-03a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MWC-01a	46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Predicted Construction Noise from the Project, dB(A)

NSR	Max																																				
YTE-16a	73	68	70	69	68	69	69	69	70	69	69	68	68	68	69	69	69	69	69	67	64	64	64	59	67	67	67	67	67	67	67	67	67	67	67	67	67
YTE-14a	73	73	73	72	70	72	70	71	73	72	71	69	70	71	72	72	72	72	72	71	68	67	67	64	70	70	70	70	70	70	70	70	70	70	70	70	70
YTE-04a	74	69	74	73	72	73	69	71	73	71	72	72	71	71	70	70	72	73	73	73	72	72	72	72	74	73	73	73	73	73	73	73	73	73	73	73	73
YTE-01a	75	73	74	71	70	71	68	75	75	75	75	75	75	67	67	67	68	69	68	68	68	66	66	66	68	67	67	67	67	67	67	67	67	67	67	67	67
HLP-01a	62	60	62	61	58	59	57	59	60	58	59	59	59	57	57	57	58	59	59	59	58	57	57	57	56	55	55	55	55	55	55	55	55	55	55	55	55
HLP-02a	63	62	63	62	57	58	56	58	59	57	58	58	58	56	56	56	57	58	58	58	57	56	56	56	56	55	55	55	55	55	55	55	55	55	55	55	55
MTE-01a	68	68	68	67	57	58	56	58	59	57	58	58	58	56	56	56	58	58	58	58	57	56	56	56	57	55	55	55	55	55	55	55	55	55	55	55	55
ETCCS-01a	64	63	64	63	62	63	62	63	64	63	63	61	62	62	63	63	64	64	64	63	61	61	61	57	57	56	56	56	56	56	56	56	56	56	56	56	56
YTE-01b	69	67	69	68	66	67	65	67	68	67	67	68	68	64	64	64	65	66	66	66	65	63	63	63	63	61	61	61	61	61	61	61	61	61	61	61	61
YTE-05a	66	61	66	65	64	64	60	63	65	63	63	65	63	63	61	61	64	65	65	64	64	63	63	63	60	58	58	58	58	58	58	58	58	58	58	58	58
A60-03a	59	56	59	58	56	57	54	56	58	56	56	56	56	55	55	55	57	57	57	57	56	56	56	55	57	56	56	56	56	56	56	56	56	56	56	56	56
MWC-01a	73	73	73	70	68	71	69	69	72	71	69	63	68	70	72	71	72	72	72	70	69	69	69	60	69	69	69	69	69	69	69	69	69	69	69	69	69

Note:
1. As a worst case scenario, the predicted construction noise is calculated using the distance between the notional centre of the workfront to the closest NSR.
2. Text in red in shaded cell denotes exceedance of relevant criterion.
3. Cell with shaded area denotes the unoccupancy of the NSR (i.e. before the population intake).

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario

		2029							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
Predicted Construction Noise of the Project (without Haul Road), dB(A)									
NSR	Max								
YTE-16a	73	67	67	67	67	67	67	67	67
YTE-14a	73	70	70	70	70	70	70	70	70
YTE-04a	74	73	73	73	73	73	73	73	73
YTE-01a	75	67	67	67	67	67	67	67	67
HLP-01a	62	55	55	55	55	55	55	55	55
HLP-02a	63	55	55	55	55	55	55	55	55
MTE-01a	68	55	55	55	55	55	55	55	55
ETCCS-01a	64	56	56	56	56	56	56	56	56
YTE-01b	69	61	61	61	61	61	61	61	61
YTE-05a	66	58	58	58	58	58	58	58	58
A60-03a	59	56	56	56	56	56	56	56	56
MWC-01a	73	69	69	69	69	69	69	69	69

Predicted Construction Noise of the Haul Road at Yat Tung Estate, dB(A)

NSR	Max								
YTE-16a	58	0	0	0	0	0	0	0	0
YTE-14a	58	0	0	0	0	0	0	0	0
YTE-04a	58	0	0	0	0	0	0	0	0
YTE-01a	58	0	0	0	0	0	0	0	0
HLP-01a	43	0	0	0	0	0	0	0	0
HLP-02a	42	0	0	0	0	0	0	0	0
MTE-01a	42	0	0	0	0	0	0	0	0
ETCCS-01a	47	0	0	0	0	0	0	0	0
YTE-01b	0	0	0	0	0	0	0	0	0
YTE-05a	0	0	0	0	0	0	0	0	0
A60-03a	0	0	0	0	0	0	0	0	0
MWC-01a	46	0	0	0	0	0	0	0	0

Predicted Construction Noise from the Project, dB(A)

NSR	Max								
YTE-16a	73	67	67	67	67	67	67	67	67
YTE-14a	73	70	70	70	70	70	70	70	70
YTE-04a	74	73	73	73	73	73	73	73	73
YTE-01a	75	67	67	67	67	67	67	67	67
HLP-01a	62	55	55	55	55	55	55	55	55
HLP-02a	63	55	55	55	55	55	55	55	55
MTE-01a	68	55	55	55	55	55	55	55	55
ETCCS-01a	64	56	56	56	56	56	56	56	56
YTE-01b	69	61	61	61	61	61	61	61	61
YTE-05a	66	58	58	58	58	58	58	58	58
A60-03a	59	56	56	56	56	56	56	56	56
MWC-01a	73	69	69	69	69	69	69	69	69

Note:
1. As a worst case scenario, the predicted construction noise is calculated using the distance between the notional centre of the workfront to the closest NSR.
2. Text in red in shaded cell denotes exceedance of relevant criterion.
3. Cell with shaded area denotes the unoccupancy of the NSR (i.e. before the population intake).

Title : Construction Noise Calculation for TCNTE
Scenario : Mitigated Scenario

Activities	2023								2024												2025											
	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
AC01																																
AC02	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101												
AC03																																
SR01																																
A2 - Site Formation (Soild and Rock)	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121												
Service Reservoir Structure																					103	103	103	103	103	103	103	103	103	103	103	103
Landscaping																																
SR02																																
A2 - Site Formation (Soild and Rock)	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121	121															
Service Reservoir Structure																		103	103	103	103	103	103	103	103	103	103	103	103	103		
Landscaping																																
TCW01 (Area 48)																																
B1 - High PR Residential Foundations																																
B2 - High PR Residential Foundations and High PR Residential Superstructure	110	110	110	110	110	110																										
B3 - High PR Residential Superstructure							109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109		
TCW02 (area 23)																																
A2 - Site Formation (Soild and Rock)	112	112	112	112	112	112	112	112	112	112	112	112																				
B1 - High PR Residential Foundations													109	109	109	109	109	109	109	109	109	109	109	109								
B2 - High PR Residential Foundations and High PR Residential Superstructure																									110	110	110	110	110	110		
B3 - High PR Residential Superstructure																															109	109
TCW03 (Area 46)																																
A1 - Site Formation (Soil)												108	108	108	108	108	108	108	108	108	108	108	108	108								
B1 - High PR Residential Foundations																									109	109	109	109	109	109	109	109
B2 - High PR Residential Foundations and High PR Residential Superstructure																																
B3 - High PR Residential Superstructure																																
TCW04 (Area 42)																																
A1 - Site Formation (Soil)	106	106	106	106	106	106	106	106	106	106	106	106																				
B1 - High PR Residential Foundations													107	107	107	107	107	107	107	107	107	107	107	107								
B2 - High PR Residential Foundations and High PR Residential Superstructure																									108	108	108	108	108	108		
B3 - High PR Residential Superstructure																															106	106
TCW05																																
D1 - Folder Formation																																
TCW06 (Area 71B)																																
C1 - Medium PR Residential / GIC Foundations																								108	108	108	108	108	108	108	108	108
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																																
C3 - Medium PR Residential/ GIC Superstructure																																

Title : Construction Noise Calculation for TCNTE
Scenario : Mitigated Scenario

Activities	2026												2027												2028											
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
AC01																																				
AC02																																				
AC03																																				
SR01																																				
A2 - Site Formation (Soild and Rock)																																				
Service Reservoir Structure	103																																			
Landscaping																																				
SR02																																				
A2 - Site Formation (Soild and Rock)																																				
Service Reservoir Structure																																				
Landscaping																																				
TCW01 (Area 48)																																				
B1 - High PR Residential Foundations																																				
B2 - High PR Residential Foundations and High PR Residential Superstructure																																				
B3 - High PR Residential Superstructure																																				
TCW02 (area 23)																																				
A2 - Site Formation (Soild and Rock)				112	112	112	112	112	112	112	112	112	112	112	112	112																				
B1 - High PR Residential Foundations																	109	109	109	109	109	109	109	109	109	109	109	109								
B2 - High PR Residential Foundations and High PR Residential Superstructure																													110	110	110	110	110	110		
B3 - High PR Residential Superstructure	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109													109	109
TCW03 (Area 46)																																				
A1 - Site Formation (Soil)																																				
B1 - High PR Residential Foundations	109	109	109	109																																
B2 - High PR Residential Foundations and High PR Residential Superstructure					110	110	110	110	110	110																										
B3 - High PR Residential Superstructure											109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109		
TCW04 (Area 42)																																				
A1 - Site Formation (Soil)																																				
B1 - High PR Residential Foundations																																				
B2 - High PR Residential Foundations and High PR Residential Superstructure																																				
B3 - High PR Residential Superstructure	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106														
TCW05																																				
D1 - Folder Formation																	105	105	105	105	105	105	105	105	105	105	105	105								
TCW06 (Area 71B)																																				
C1 - Medium PR Residential / GIC Foundations	108	108	108	108																																
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure					108	108	108	108	108	108																										
C3 - Medium PR Residential/ GIC Superstructure											105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105		

Title : Construction Noise Calculation for TCNTE
Scenario : Mitigated Scenario

Activities	2029							
	Jan	Feb	March	Apr	May	June	July	Aug
AC01								
AC02								
AC03								
SR01								
A2 - Site Formation (Soild and Rock)								
Service Reservoir Structure								
Landscaping								
SR02								
A2 - Site Formation (Soild and Rock)								
Service Reservoir Structure								
Landscaping								
TCW01 (Area 48)								
B1 - High PR Residential Foundations								
B2 - High PR Residential Foundations and High PR Residential Superstructure								
B3 - High PR Residential Superstructure								
TCW02 (area 23)								
A2 - Site Formation (Soild and Rock)								
B1 - High PR Residential Foundations								
B2 - High PR Residential Foundations and High PR Residential Superstructure								
B3 - High PR Residential Superstructure	109	109	109	109	109	109	109	109
TCW03 (Area 46)								
A1 - Site Formation (Soil)								
B1 - High PR Residential Foundations								
B2 - High PR Residential Foundations and High PR Residential Superstructure								
B3 - High PR Residential Superstructure								
TCW04 (Area 42)								
A1 - Site Formation (Soil)								
B1 - High PR Residential Foundations								
B2 - High PR Residential Foundations and High PR Residential Superstructure								
B3 - High PR Residential Superstructure								
TCW05								
D1 - Folder Formation								
TCW06 (Area 71B)								
C1 - Medium PR Residential / GIC Foundations								
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure								
C3 - Medium PR Residential/ GIC Superstructure								

Title : Construction Noise Calculation for TCNTE
Scenario : Mitigated Scenario

Activities	2023								2024												2025											
	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
TCW07																																
D1 - Folder Formation																																
TCW08 (Area 71A)																																
C1 - Medium PR Residential / GIC Foundations																																
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure	108	108	108	108	108	108																										
C3 - Medium PR Residential/ GIC Superstructure							105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105		
TCW09																																
D1 - Folder Formation																																
TCW10																																
D1 - Folder Formation																																
TCW12																																
C1 - Medium PR Residential / GIC Foundations																																
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure	105	105	105	105	105	105																										
C3 - Medium PR Residential/ GIC Superstructure							103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103		
TCW13																																
F1 - SPS Foundations																																
F2 - SPS Foundations and Superstructure																																
F3 - SPS Supertructure	104	104	104	104	104	104	104	104	104	104	104	104																				
TCW14																																
C1 - Medium PR Residential / GIC Foundations																																
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure	105	105	105	105	105	105																										
C3 - Medium PR Residential/ GIC Superstructure							103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103		
TCW15																																
F1 - SPS Foundations																																
F2 - SPS Foundations and Superstructure																																
F3 - SPS Supertructure	104	104	104	104	104	104	104	104	104	104	104	104																				
TCW16																																
B1 - High PR Residential Foundations																																
B2 - High PR Residential Foundations and High PR Residential Superstructure	110	110	110	110	110	110																										
B3 - High PR Residential Superstructure							109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109	109		
TCW17																																
D1 - Folder Formation																																
TCW18																																
C1 - Medium PR Residential / GIC Foundations																								108	108	108	108	108	108	108	108	108
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																																
C3 - Medium PR Residential/ GIC Superstructure																																

Title : Construction Noise Calculation for TCNTE
Scenario : Mitigated Scenario

Activities	2026												2027												2028											
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
TCW07																																				
D1 - Folder Formation																	105	105	105	105	105	105	105	105	105	105	105	105								
TCW08 (Area 71A)																																				
C1 - Medium PR Residential / GIC Foundations																																				
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																																				
C3 - Medium PR Residential/ GIC Superstructure																																				
TCW09																																				
D1 - Folder Formation																	105	105	105	105	105	105	105	105	105	105	105	105								
TCW10																																				
D1 - Folder Formation				105	105	105	105	105	105	105	105	105	105	105	105	105																				
TCW12																																				
C1 - Medium PR Residential / GIC Foundations																																				
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																																				
C3 - Medium PR Residential/ GIC Superstructure																																				
TCW13																																				
F1 - SPS Foundations																																				
F2 - SPS Foundations and Superstructure																																				
F3 - SPS Supertructure																																				
TCW14																																				
C1 - Medium PR Residential / GIC Foundations																																				
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																																				
C3 - Medium PR Residential/ GIC Superstructure																																				
TCW15																																				
F1 - SPS Foundations																																				
F2 - SPS Foundations and Superstructure																																				
F3 - SPS Supertructure																																				
TCW16																																				
B1 - High PR Residential Foundations																																				
B2 - High PR Residential Foundations and High PR Residential Superstructure																																				
B3 - High PR Residential Superstructure																																				
TCW17																																				
D1 - Folder Formation																	105	105	105	105	105	105	105	105	105	105	105	105								
TCW18																																				
C1 - Medium PR Residential / GIC Foundations	108	108	108	108																																
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure					108	108	108	108	108	108																										
C3 - Medium PR Residential/ GIC Superstructure											105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105		

Title : Construction Noise Calculation for TCNTE
Scenario : Mitigated Scenario

Activities	2029							
	Jan	Feb	March	Apr	May	June	July	Aug
TCW07								
D1 - Folder Formation								
TCW08 (Area 71A)								
C1 - Medium PR Residential / GIC Foundations								
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure								
C3 - Medium PR Residential/ GIC Superstructure								
TCW09								
D1 - Folder Formation								
TCW10								
D1 - Folder Formation								
TCW12								
C1 - Medium PR Residential / GIC Foundations								
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure								
C3 - Medium PR Residential/ GIC Superstructure								
TCW13								
F1 - SPS Foundations								
F2 - SPS Foundations and Superstructure								
F3 - SPS Supertructure								
TCW14								
C1 - Medium PR Residential / GIC Foundations								
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure								
C3 - Medium PR Residential/ GIC Superstructure								
TCW15								
F1 - SPS Foundations								
F2 - SPS Foundations and Superstructure								
F3 - SPS Supertructure								
TCW16								
B1 - High PR Residential Foundations								
B2 - High PR Residential Foundations and High PR Residential Superstructure								
B3 - High PR Residential Superstructure								
TCW17								
D1 - Folder Formation								
TCW18								
C1 - Medium PR Residential / GIC Foundations								
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure								
C3 - Medium PR Residential/ GIC Superstructure								

Title : Construction Noise Calculation for TCNTE
Scenario : Mitigated Scenario

Activities	2023								2024												2025											
	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
TCW19																																
F1 - SPS Foundations																								102	102	102	102	102	102	102	102	102
F2 - SPS Foundations and Superstructure																																
F3 - SPS Supertructure																																
TCW20																																
C1 - Medium PR Residential / GIC Foundations																								108	108	108	108	108	108	108	108	108
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																																
C3 - Medium PR																																
TCW21																																
D1 - Folder Formation																																
TCW22																																
F1 - SPS Foundations																								102	102	102	102	102	102	102	102	102
F2 - SPS Foundations and Superstructure																																
F3 - SPS																																
TCW23																																
C1 - Medium PR Residential / GIC Foundations																								108	108	108	108	108	108	108	108	108
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																																
C3 - Medium PR Residential/ GIC Superstructure																																
TCW25																																
A2 - Site Formation (Soild and Rock)- Drill	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117		
TCW26																																
A1 - Site Formation (Soil)- Drill	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100		
TCW27																																
A1 - Site Formation (Soil)- Drill												100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
TCW28																																
A1 - Site Formation (Soil)- Drill	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117	117		
TCW29																																
C1 - Medium PR Residential / GIC Foundations																																
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure	105	105	105	105	105	105																										
C3 - Medium PR Residential/ GIC Superstructure							103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103		
TCW30																																
C1 - Medium PR Residential / GIC Foundations																								105	105	105	105	105	105	105	105	105
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure	105	105	105	105	105	105																										
C3 - Medium PR Residential/ GIC Superstructure							103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103		
TCW31																																
A1 - Site Formation (Soil)	106	106	106	106	106	106	106	106	106	106	106	106																				
B1 - High PR Residential Foundations													107	107	107	107	107	107	107	107	107	107	107	107								
B2 - High PR Residential Foundations and High PR Residential Superstructure																									108	108	108	108	108	108		
B3 - High PR Residential Superstructure																															106	106

Title : Construction Noise Calculation for TCNTE
Scenario : Mitigated Scenario

Activities	2026												2027												2028											
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
TCW19																																				
F1 - SPS Foundations	102	102	102	102																																
F2 - SPS Foundations and Superstructure					98	98	98	98	98	98																										
F3 - SPS Supertructure											104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104								
TCW20																																				
C1 - Medium PR Residential / GIC Foundations	108	108	108	108																																
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure					108	108	108	108	108	108																										
C3 - Medium PR											105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105		
TCW21																																				
D1 - Folder Formation				105	105	105	105	105	105	105	105	105	105	105	105	105																				
TCW22																																				
F1 - SPS Foundations	102	102	102	102																																
F2 - SPS Foundations and Superstructure					98	98	98	98	98	98																										
F3 - SPS											104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104								
TCW23																																				
C1 - Medium PR Residential / GIC Foundations	108	108	108	108																																
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure					108	108	108	108	108	108																										
C3 - Medium PR Residential/ GIC Superstructure											105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105	105		
TCW25																																				
A2 - Site Formation (Soild and Rock)- Drill																																				
TCW26																																				
A1 - Site Formation (Soil)- Drill																																				
TCW27																																				
A1 - Site Formation (Soil)- Drill	100	100	100	100	100	100	100	100	100	100																										
TCW28																																				
A1 - Site Formation (Soil)- Drill																																				
TCW29																																				
C1 - Medium PR Residential / GIC Foundations																																				
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure																																				
C3 - Medium PR Residential/ GIC Superstructure																																				
TCW30																																				
C1 - Medium PR Residential / GIC Foundations	105	105	105	105																																
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure					105	105	105	105	105	105																										
C3 - Medium PR Residential/ GIC Superstructure											103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103		
TCW31																																				
A1 - Site Formation (Soil)																																				
B1 - High PR Residential Foundations																																				
B2 - High PR Residential Foundations and High PR Residential Superstructure																																				
B3 - High PR Residential Superstructure	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106														

Title : Construction Noise Calculation for TCNTE
Scenario : Mitigated Scenario

Activities	2029							
	Jan	Feb	March	Apr	May	June	July	Aug
TCW19								
F1 - SPS Foundations								
F2 - SPS Foundations and Superstructure								
F3 - SPS Supertructure								
TCW20								
C1 - Medium PR Residential / GIC Foundations								
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure								
C3 - Medium PR								
TCW21								
D1 - Folder Formation								
TCW22								
F1 - SPS Foundations								
F2 - SPS Foundations and Superstructure								
F3 - SPS								
TCW23								
C1 - Medium PR Residential / GIC Foundations								
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure								
C3 - Medium PR Residential/ GIC Superstructure								
TCW25								
A2 - Site Formation (Soild and Rock)- Drill								
TCW26								
A1 - Site Formation (Soil)- Drill								
TCW27								
A1 - Site Formation (Soil)- Drill								
TCW28								
A1 - Site Formation (Soil)- Drill								
TCW29								
C1 - Medium PR Residential / GIC Foundations								
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure								
C3 - Medium PR Residential/ GIC Superstructure								
TCW30								
C1 - Medium PR Residential / GIC Foundations								
C2 - Medium PR Residential / GIC Foundations and Medium PR Residential / GIC Superstructure								
C3 - Medium PR Residential/ GIC Superstructure								
TCW31								
A1 - Site Formation (Soil)								
B1 - High PR Residential Foundations								
B2 - High PR Residential Foundations and High PR Residential Superstructure								
B3 - High PR Residential Superstructure								

Title : Construction Noise Calculation for TCNTE
Scenario : Mitigated Scenario

Activities	2023								2024												2025											
	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
IntW_01 (Internal Road)	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101												
IntW_02 (Internal Road)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100												
IntW_03 (Internal Road)																																
IntW_04 (Internal Road)																																
IntW_05 (Internal Road)	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101												
IntW_06 (Internal Road)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100												
IntW_07 (Internal Road)																																
IntW_08 (Internal Road)																																
IntW_09 (Internal Road)																																
IntW_10 (Internal Road)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100												
IntW_11 (Internal Road)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100												
IntW_12 (Internal Road)																																
IntW_13 (Internal Road)																																
IntW_14 (Internal Road)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100												
IntW_15 (Internal Road)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100												
IntW_16 (Internal Road)																																
IntW_17 (Internal Road)																																
IntW_18 (Internal Road)																																
IntW_19 (Internal Road)	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101												
IntW_20 (Internal Road)	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101												
IntW_21 (Internal Road)	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101												
IntW_22 (Internal Road)	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101												
IntW_23 (Internal Road)	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101												
IntW_24 (Internal Road)	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101												
IntW_25 (Internal Road)	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101												
IntW_26 (Internal Road)	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101												
IntW_27 (Internal Road)	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101												
IntW_28 (Internal Road)	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101												
IntW_29 (Internal Road)	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101	101												

Title : Construction Noise Calculation for TCNTE
Scenario : Mitigated Scenario

Activities	2026												2027												2028											
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
IntW_01 (Internal Road)																																				
IntW_02 (Internal Road)																																				
IntW_03 (Internal Road)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100												
IntW_04 (Internal Road)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100												
IntW_05 (Internal Road)																																				
IntW_06 (Internal Road)																																				
IntW_07 (Internal Road)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100												
IntW_08 (Internal Road)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100												
IntW_09 (Internal Road)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100												
IntW_10 (Internal Road)																																				
IntW_11 (Internal Road)																																				
IntW_12 (Internal Road)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100												
IntW_13 (Internal Road)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100												
IntW_14 (Internal Road)																																				
IntW_15 (Internal Road)																																				
IntW_16 (Internal Road)	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100												
IntW_17 (Internal Road)																																				
IntW_18 (Internal Road)																																				
IntW_19 (Internal Road)																																				
IntW_20 (Internal Road)																																				
IntW_21 (Internal Road)																																				
IntW_22 (Internal Road)																																				
IntW_23 (Internal Road)																																				
IntW_24 (Internal Road)																																				
IntW_25 (Internal Road)																																				
IntW_26 (Internal Road)																																				
IntW_27 (Internal Road)																																				
IntW_28 (Internal Road)																																				
IntW_29 (Internal Road)																																				

Title : Construction Noise Calculation for TCNTE
Scenario : Mitigated Scenario

Activities	2029							
	Jan	Feb	March	Apr	May	June	July	Aug
IntW_01 (Internal Road)								
IntW_02 (Internal Road)								
IntW_03 (Internal Road)								
IntW_04 (Internal Road)								
IntW_05 (Internal Road)								
IntW_06 (Internal Road)								
IntW_07 (Internal Road)								
IntW_08 (Internal Road)								
IntW_09 (Internal Road)								
IntW_10 (Internal Road)								
IntW_11 (Internal Road)								
IntW_12 (Internal Road)								
IntW_13 (Internal Road)								
IntW_14 (Internal Road)								
IntW_15 (Internal Road)								
IntW_16 (Internal Road)								
IntW_17 (Internal Road)								
IntW_18 (Internal Road)								
IntW_19 (Internal Road)								
IntW_20 (Internal Road)								
IntW_21 (Internal Road)								
IntW_22 (Internal Road)								
IntW_23 (Internal Road)								
IntW_24 (Internal Road)								
IntW_25 (Internal Road)								
IntW_26 (Internal Road)								
IntW_27 (Internal Road)								
IntW_28 (Internal Road)								
IntW_29 (Internal Road)								

Title : Construction Noise Calculation for TCNTE
Scenario : Mitigated Scenario

Activities		2023								2024												2025											
		May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Predicted Construction Noise, dB(A)																																	
	Max																																
YTE-16a	52	52	52	52	52	52	52	51	51	51	51	51	51	51	51	51	51	51	51	51	51	50	50	50	50	50	50	50	50	50	50	0	0
YTE-14a	55	55	55	55	55	55	55	53	53	53	53	53	53	53	53	53	53	53	53	53	53	52	52	52	53	53	53	53	53	53	53	46	46
YTE-04a	58	58	58	58	58	58	58	57	57	57	57	57	57	56	56	56	56	56	56	56	56	55	55	55	56	56	56	56	56	56	56	48	48
YTE-01a	61	61	61	61	61	61	61	60	60	60	60	60	60	60	60	60	60	60	60	60	60	58	58	58	59	59	59	59	59	59	59	51	51
HLP-01a	62	62	62	62	62	62	62	61	61	61	61	61	61	61	61	61	61	61	61	61	61	56	56	56	57	57	57	57	57	57	57	48	48
HLP-02a	61	61	61	61	61	61	61	60	60	60	60	60	60	60	60	60	60	60	60	60	60	56	56	56	57	57	57	57	57	57	57	48	48
MTE-01a	61	61	61	61	61	61	61	60	60	60	60	60	60	61	61	61	61	61	61	61	61	57	57	57	57	57	57	57	57	57	57	52	52
ETCCS-01a	53	53	53	53	53	53	53	52	52	52	52	52	52	52	52	52	52	52	52	52	52	50	50	50	50	50	50	50	50	50	50	0	0
YTE-01b	64	64	64	64	64	64	64	63	63	63	63	63	63	63	63	63	63	63	63	63	63	61	61	61	61	61	61	61	61	61	61	51	51
YTE-05a	52	52	52	52	52	52	52	51	51	51	51	51	51	48	48	48	48	48	48	48	48	48	48	48	50	50	50	50	50	50	50	47	47
A60-03a	58																															49	49
MWC-01a	57	57	57	57	57	57	57	57	57	57	57	57	57	55	55	55	55	55	55	55	55	54	54	54	54	54	54	54	54	54	54	50	50

[1] Cell with shaded area denotes the unoccupancy of the NSR (i.e. before the population intake).

Title : Construction Noise Calculation for TCNTE
Scenario : Mitigated Scenario

Activities		2026												2027												2028											
		Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Predicted Construction Noise, dB(A)																																					
	Max																																				
YTE-16a	52	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	0	0	0	0	0	0	0	0	0	0	0	0
YTE-14a	55	48	48	48	48	48	48	48	48	48	48	46	46	46	46	46	46	46	46	46	46	46	46	46	46	44	44	44	44	44	44	44	44	44	44	0	0
YTE-04a	58	49	49	49	49	50	50	50	50	50	50	48	48	48	48	48	48	48	48	48	48	48	48	48	48	46	46	46	46	46	46	46	46	46	46	0	0
YTE-01a	61	52	52	52	52	52	52	52	52	52	52	51	51	51	51	51	51	51	51	51	51	51	51	50	50	47	47	47	47	47	47	47	47	47	47	0	0
HLP-01a	62	49	49	49	49	49	49	49	49	49	49	48	48	48	48	48	48	48	48	48	48	48	48	48	48	46	46	46	46	46	46	46	46	46	46	0	0
HLP-02a	61	50	50	50	50	50	50	50	50	50	50	49	49	49	49	49	49	49	49	49	49	49	49	49	49	46	46	46	46	46	46	46	46	46	46	0	0
MTE-01a	61	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ETCCS-01a	53	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	0	0	0	0	0	0	0	0	0	0	0	0
YTE-01b	64	51	51	51	51	51	51	51	51	51	51	50	50	50	50	50	50	50	50	50	50	50	50	47	47	47	47	47	47	47	47	47	47	47	47	0	0
YTE-05a	52	47	47	47	47	47	47	47	47	47	47	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	0	0
A60-03a	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	0	0	0	0	0	0	0	0	0	0	0	0
MWC-01a	57	50	50	50	55	55	55	55	55	55	55	55	55	55	55	55	55	53	53	53	53	53	53	50	50	50	50	50	50	51	51	51	51	51	51	50	50

[1] Cell with shaded area denotes the unoccupancy of the NSR (i.e. before the population intake).

Title : Construction Noise Calculation for TCNTE
Scenario : Mitigated Scenario

Activities		2029							
		Jan	Feb	March	Apr	May	June	July	Aug
Predicted Construction Noise, dB(A)									
	Max								
YTE-16a	52	0	0	0	0	0	0	0	0
YTE-14a	55	0	0	0	0	0	0	0	0
YTE-04a	58	0	0	0	0	0	0	0	0
YTE-01a	61	0	0	0	0	0	0	0	0
HLP-01a	62	0	0	0	0	0	0	0	0
HLP-02a	61	0	0	0	0	0	0	0	0
MTE-01a	61	0	0	0	0	0	0	0	0
ETCCS-01a	53	0	0	0	0	0	0	0	0
YTE-01b	64	0	0	0	0	0	0	0	0
YTE-05a	52	0	0	0	0	0	0	0	0
A60-03a	58	0	0	0	0	0	0	0	0
MWC-01a	57	50	50	50	50	50	50	50	50

[1] Cell with shaded area denotes the unoccupancy of the NSR (i.e. before the population intake).

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario

Predicted Construction Noise from the Project, dB(A)

		2023								2024												2025											
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NSR	Max																																
YTE-16a	73	61	61	61	61	61	61	69	69	69	69	64	64	64	64	64	64	64	64	69	69	70	73	72	70	70	70	67	67	70	70	68	66
YTE-14a	73	63	63	63	63	63	63	71	71	71	71	70	70	70	70	70	70	70	70	69	69	70	70	70	70	70	71	69	69	70	70	70	72
YTE-04a	74	66	66	66	66	66	66	72	72	72	72	72	72	72	72	72	72	72	72	72	72	74	72	72	72	72	72	72	72	71	71	68	69
YTE-01a	75	62	62	62	62	62	62	74	74	74	74	74	74	74	74	74	74	74	74	74	74	75	74	74	74	74	74	75	74	72	72	71	71
HLP-01a	62	56	56	56	56	56	56	58	58	58	58	58	58	58	58	58	58	58	58	58	58	59	59	59	59	59	59	60	60	60	60	59	59
HLP-02a	63	60	60	60	60	60	60	61	61	61	61	61	61	61	61	61	61	61	61	61	61	62	62	62	62	62	62	62	62	62	62	61	62
MTE-01a	68	66	66	66	66	66	66	67	67	67	67	67	67	67	67	67	67	67	67	67	67	68	68	68	68	68	68	68	68	68	68	68	68
ETCCS-01a	64	50	50	50	50	50	50	60	60	60	60	59	59	59	59	59	59	59	59	60	60	61	63	63	62	62	62	61	61	62	62	61	61
YTE-01b	69	56	56	56	56	56	56	65	65	65	65	65	65	65	65	65	65	65	65	65	65	66	66	66	66	66	66	68	67	66	66	65	65
YTE-05a	66	53	53	53	53	53	53	58	58	58	58	58	58	58	58	58	58	58	58	59	58	60	60	60	60	60	60	61	61	60	60	59	59
A60-03a	59																															55	55
MWC-01a	73	52	52	52	52	52	52	72	72	71	71	71	71	71	71	71	71	71	71	72	72	72	72	72	72	72	72	71	71	72	72	72	72

RRIW - Footbridge [4] Predicted Construction Noise, dB(A)

NSR	Max																																
YTE-16a	47	0	44	44	44	44	44	44	42	42	42	46	46	46	46	46	46	47	47	47	42	42	42	42	42	42	0	0	0	0	0	0	0
YTE-14a	49	0	46	46	46	46	46	46	44	44	44	48	48	48	48	48	48	49	49	49	45	45	45	45	45	45	0	0	0	0	0	0	0
YTE-04a	54	0	50	50	50	50	50	50	49	49	49	53	53	53	52	52	52	54	54	54	49	49	49	49	49	49	0	0	0	0	0	0	0
YTE-01a	63	0	61	61	61	61	61	61	58	58	58	62	62	62	62	62	62	63	63	63	58	58	58	58	58	58	0	0	0	0	0	0	0
HLP-01a	58	0	54	54	54	54	54	54	53	53	53	57	57	57	57	57	57	58	58	58	53	53	53	53	53	53	0	0	0	0	0	0	0
HLP-02a	55	0	52	52	52	52	52	52	50	50	50	54	54	54	54	54	54	55	55	55	50	50	50	50	50	50	0	0	0	0	0	0	0
MTE-01a	54	0	54	54	54	54	54	54	47	47	47	51	51	51	51	51	51	52	52	52	47	47	47	47	47	47	0	0	0	0	0	0	0
ETCCS-01a	49	0	45	45	45	45	45	45	44	44	44	48	48	48	47	47	47	49	49	49	44	44	44	44	44	44	0	0	0	0	0	0	0
YTE-01b	73	0	63	63	63	63	63	63	68	68	68	72	72	72	72	72	72	73	73	73	68	68	68	68	68	68	0	0	0	0	0	0	0
YTE-05a	75	0	55	55	55	55	55	55	70	70	70	74	74	74	73	73	73	75	75	75	70	70	70	70	70	70	0	0	0	0	0	0	0
A60-03a	0																															0	0
MWC-01a	48	0	45	45	45	45	45	45	43	43	43	47	47	47	47	47	47	48	48	48	43	43	43	43	43	43	0	0	0	0	0	0	0

TCNTE EIA [4] Predicted Construction Noise, dB(A)

NSR	Max																																
YTE-16a	52	52	52	52	52	52	52	51	51	51	51	51	51	51	51	51	51	51	51	51	51	50	50	50	50	50	50	50	50	50	50	0	0
YTE-14a	55	55	55	55	55	55	55	53	53	53	53	53	53	53	53	53	53	53	53	53	53	52	52	52	53	53	53	53	53	53	53	46	46
YTE-04a	58	58	58	58	58	58	58	57	57	57	57	57	57	56	56	56	56	56	56	56	56	55	55	55	56	56	56	56	56	56	56	48	48
YTE-01a	61	61	61	61	61	61	61	60	60	60	60	60	60	60	60	60	60	60	60	60	60	58	58	58	59	59	59	59	59	59	59	51	51
HLP-01a	62	62	62	62	62	62	62	61	61	61	61	61	61	61	61	61	61	61	61	61	61	56	56	56	57	57	57	57	57	57	57	48	48
HLP-02a	61	61	61	61	61	61	61	60	60	60	60	60	60	60	60	60	60	60	60	60	60	56	56	56	57	57	57	57	57	57	57	48	48
MTE-01a	61	61	61	61	61	61	61	60	60	60	60	60	60	61	61	61	61	61	61	61	61	57	57	57	57	57	57	57	57	57	57	52	52
ETCCS-01a	53	53	53	53	53	53	53	52	52	52	52	52	52	52	52	52	52	52	52	52	52	50	50	50	50	50	50	50	50	50	50	0	0
YTE-01b	64	64	64	64	64	64	64	63	63	63	63	63	63	63	63	63	63	63	63	63	63	61	61	61	61	61	61	61	61	61	61	51	51
YTE-05a	52	52	52	52	52	52	52	51	51	51	51	51	51	48	48	48	48	48	48	48	48	48	48	48	50	50	50	50	50	50	50	47	47
A60-03a	58																															49	49
MWC-01a	57	57	57	57	57	57	57	57	57	57	57	57	57	55	55	55	55	55	55	55	55	54	54	54	54	54	54	54	54	54	54	50	50

Cumulative Predicted Construction Noise, dB(A)

NSR	Max																																
YTE-16a	73	62	62	62	62	62	62	70	70	69	69	64	64	64	64	65	65	65	65	70	69	70	73	72	70	70	70	67	67	70	70	68	66
YTE-14a	73	64	64	64	64	64	64	71	71	71	71	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	71	69	69	70	70	70	72
YTE-04a	74	66	67	67	67	67	67	72	72	72	72	72	72	72	72	72	72	72	72	72	72	74	72	72	72	72	72	72	72	71	71	69	69
YTE-01a	75	64	66	66	66	66	66	74	74	74	74	74	74	74	74	75	75	75	75	74	74	75	74	74	74	75	74	75	74	73	73	71	71
HLP-01a	64	63	63	63	63	63	63	64	64	64	64	64	64	64	64	64	64	64	64	64	63	62	62	62	62	62	61	62	62	61	61	59	59
HLP-02a	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	63	63	63	63	63	63	63	63	63	63	62	62
MTE-01a	68	67	67	67	67	67	67	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68	68
ETCCS-01a	64	55	55	55	55	55	55	61	61	61	61	60	60	60	60	60	60	60	60	61	61	62	63	63	62	62	63	61	61	63	63	61	61
YTE-01b	74	65	67	67	67	67	67	69	71	71	71	73	73	73	73	73	73	74	74	74	71	71	71	71	71	71	67	69	68	67	67	65	65
YTE-05a	75	56	58	58	58	58	58	60	70	70	70	74	74	74	74	74	74	75	75	75	70	71	71	71	71	71	61	61	61	61	61	59	60
A60-03a	62																															56	56
MWC-01a	73	58	58	58	58	58	58	72	72	72	72	71	71	71	71	71	71	71	71	72	72	72	72	72	72	72	72	71	71	72	72	72	72

Note:
1. As a worst case scenario, the predicted construction noise is calculated using the distance between the notional centre of the workfront to the closest NSR.
2. Text in red in shaded cell denotes exceedance of relevant criterion.
3. Cell with shaded area denotes the unoccupancy of the NSR (i.e. before the population intake).
4. The plant inventory for construction of TCNTE is retrieved from approved EIA report for TCNTE (AEIAR-196/2016) and the plant inventory for construction of RRIW is provided by the construction professional for this RRIW during the preparation of the EIA report.

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario

Predicted Construction Noise from the Project, dB(A)

		2026												2027												2028											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
NSR	Max																																				
YTE-16a	73	68	70	69	68	69	69	69	70	69	69	68	68	68	69	69	69	69	69	67	64	64	64	59	67	67	67	67	67	67	67	67	67	67	67	67	67
YTE-14a	73	73	73	72	70	72	70	71	73	72	71	69	70	71	72	72	72	72	72	71	68	67	67	64	70	70	70	70	70	70	70	70	70	70	70	70	70
YTE-04a	74	69	74	73	72	73	69	71	73	71	72	72	71	71	70	70	72	73	73	73	72	72	72	72	74	73	73	73	73	73	73	73	73	73	73	73	73
YTE-01a	75	73	74	71	70	71	68	75	75	75	75	75	75	67	67	67	68	69	68	68	68	66	66	66	68	67	67	67	67	67	67	67	67	67	67	67	67
HLP-01a	62	60	62	61	58	59	57	59	60	58	59	59	59	57	57	57	58	59	59	59	58	57	57	57	56	55	55	55	55	55	55	55	55	55	55	55	55
HLP-02a	63	62	63	62	57	58	56	58	59	57	58	58	58	56	56	56	57	58	58	58	57	56	56	56	56	55	55	55	55	55	55	55	55	55	55	55	55
MTE-01a	68	68	68	67	57	58	56	58	59	57	58	58	58	56	56	56	58	58	58	58	57	56	56	56	57	55	55	55	55	55	55	55	55	55	55	55	55
ETCCS-01a	64	63	64	63	62	63	62	63	64	63	63	61	62	62	63	63	64	64	64	63	61	61	61	57	57	56	56	56	56	56	56	56	56	56	56	56	56
YTE-01b	69	67	69	68	66	67	65	67	68	67	67	68	68	64	64	64	65	66	66	66	65	63	63	63	63	61	61	61	61	61	61	61	61	61	61	61	61
YTE-05a	66	61	66	65	64	64	60	63	65	63	63	65	63	63	61	61	64	65	65	64	64	63	63	63	60	58	58	58	58	58	58	58	58	58	58	58	58
A60-03a	59	56	59	58	56	57	54	56	58	56	56	56	56	55	55	55	57	57	57	57	56	56	56	55	57	56	56	56	56	56	56	56	56	56	56	56	56
MWC-01a	73	73	73	70	68	71	69	69	72	71	69	63	68	70	72	71	72	72	72	70	69	69	69	60	69	69	69	69	69	69	69	69	69	69	69	69	69

RRIW - Footbridge [a] Predicted Construction Noise, dB(A)

NSR	Max																																				
YTE-16a	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YTE-14a	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YTE-04a	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YTE-01a	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HLP-01a	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HLP-02a	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MTE-01a	54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ETCCS-01a	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YTE-01b	73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
YTE-05a	75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A60-03a	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MWC-01a	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

TCNTE EIA [a] Predicted Construction Noise, dB(A)

NSR	Max																																				
YTE-16a	52	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	40	0	0	0	0	0	0	0	0	0	0	0	0
YTE-14a	55	48	48	48	48	48	48	48	48	48	48	46	46	46	46	46	46	46	46	46	46	46	46	46	46	44	44	44	44	44	44	44	44	44	44	0	0
YTE-04a	58	49	49	49	49	50	50	50	50	50	50	48	48	48	48	48	48	48	48	48	48	48	48	48	48	46	46	46	46	46	46	46	46	46	46	0	0
YTE-01a	61	52	52	52	52	52	52	52	52	52	52	51	51	51	51	51	51	51	51	51	51	51	51	50	50	47	47	47	47	47	47	47	47	47	47	0	0
HLP-01a	62	49	49	49	49	49	49	49	49	49	49	48	48	48	48	48	48	48	48	48	48	48	48	48	48	46	46	46	46	46	46	46	46	46	46	0	0
HLP-02a	61	50	50	50	50	50	50	50	50	50	50	49	49	49	49	49	49	49	49	49	49	49	49	49	49	46	46	46	46	46	46	46	46	46	46	0	0
MTE-01a	61	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	52	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ETCCS-01a	53	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	41	0	0	0	0	0	0	0	0	0	0	0	0
YTE-01b	64	51	51	51	51	51	51	51	51	51	51	50	50	50	50	50	50	50	50	50	50	50	50	47	47	47	47	47	47	47	47	47	47	47	47	0	0
YTE-05a	52	47	47	47	47	47	47	47	47	47	47	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	45	0	0
A60-03a	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	0	0	0	0	0	0	0	0	0	0	0	0
MWC-01a	57	50	50	50	55	55	55	55	55	55	55	55	55	55	55	55	55	53	53	53	53	53	53	50	50	50	50	50	50	51	51	51	51	51	51	50	50

Cumulative Predicted Construction Noise, dB(A)

NSR	Max																																				
YTE-16a	73	68	70	69	68	69	69	69	70	69	69	68	68	68	69	69	69	69	69	67	64	64	64	60	67	67	67	67	67	67	67	67	67	67	67	67	67
YTE-14a	73	73	73	72	70	72	70	71	73	72	71	69	70	71	72	72	72	72	72	71	68	68	68	64	70	70	70	70	70	70	70	70	70	70	70	70	70
YTE-04a	74	69	74	73	72	73	69	71	73	71	72	72	71	71	70	70	72	73	73	73	72	72	72	72	74	73	73	73	73	73	73	73	73	73	73	73	73
YTE-01a	75	73	74	72	70	71	68	75	75	75	75	75	75	67	67	67	68	69	68	68	68	66	66	66	68	67	67	67	67	67	67	67	67	67	67	67	67
HLP-01a	64	60	62	61	59	60	57	59	60	59	59	59	59	58	58	57	59	59	59	59	59	58	58	57	57	55	55	55	55	55	55	55	55	55	55	55	55
HLP-02a	64	62	63	63	58	59	57	58	59	58	58	58	58	57	57	57	58	59	58	58	58	57	57	57	57	56	56	56	56	56	56	56	56	56	56	55	55
MTE-01a	68	68	68	67	58	59	57	59	60	58	59	59	59	58	58	57	59	59	59	59	59	58	58	56	57	55	55	55	55	55	55	55	55	55	55	55	55
ETCCS-01a	64	63	64	63	62	63	62	63	64	63	63	61	62	62	63	63	64	64	64	63	61	61	61	57	57	56	56	56	56	56	56	56	56	56	56	56	56
YTE-01b	74	67	69	68	66	67	65	68	68	67	68	68	68	65	64	64	65	66	66	66	66	63	63	63	63	62	62	62	62	62	62	62	62	62	62	61	61
YTE-05a	75	61	66	65	64	64	60	63	65	63	63	65	63	63	61	61	64	65	65	64	64	63	63	63	60	58	58	58	58	58	58	58	58	58	58	58	58
A60-03a	62	60	62	61	60	61	60	60	61	60	60	61	60	60	60	60	61	61	61	61	61	60	60	60	60	56	56	56	56	56	56	56	56	56	56	56	56
MWC-01a	73	73	73	70	68	71	69	70	72	71	70	64	68	70	72	72	72	72	72	71	69	69	69	61	69	69	69	69	69	69	69	69	69	69	69	69	69

Note:
1. As a worst case scenario, the predicted construction noise is calculated using the distance between the notional centre of the workfront to the closest NSR.
2. Text in red in shaded cell denotes exceedance of relevant criterion.
3. Cell with shaded area denotes the unoccupancy of the NSR (i.e. before the population intake).
4. The plant inventory for construction of TCNTE is retrieved from approved EIA report for TCNTE (AEIAR-196/2016) and the plant inventory for construction of RRIW is provided by the construction professional for this RRIW during the preparation of the EIA report.

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation
Scenario : Mitigated Scenario

Predicted Construction Noise from the Project, dB(A)

		2029							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
NSR	Max								
YTE-16a	73	67	67	67	67	67	67	67	67
YTE-14a	73	70	70	70	70	70	70	70	70
YTE-04a	74	73	73	73	73	73	73	73	73
YTE-01a	75	67	67	67	67	67	67	67	67
HLP-01a	62	55	55	55	55	55	55	55	55
HLP-02a	63	55	55	55	55	55	55	55	55
MTE-01a	68	55	55	55	55	55	55	55	55
ETCCS-01a	64	56	56	56	56	56	56	56	56
YTE-01b	69	61	61	61	61	61	61	61	61
YTE-05a	66	58	58	58	58	58	58	58	58
A60-03a	59	56	56	56	56	56	56	56	56
MWC-01a	73	69	69	69	69	69	69	69	69

RRIW - Footbridge [4] Predicted Construction Noise, dB(A)

NSR	Max								
YTE-16a	47	0	0	0	0	0	0	0	0
YTE-14a	49	0	0	0	0	0	0	0	0
YTE-04a	54	0	0	0	0	0	0	0	0
YTE-01a	63	0	0	0	0	0	0	0	0
HLP-01a	58	0	0	0	0	0	0	0	0
HLP-02a	55	0	0	0	0	0	0	0	0
MTE-01a	54	0	0	0	0	0	0	0	0
ETCCS-01a	49	0	0	0	0	0	0	0	0
YTE-01b	73	0	0	0	0	0	0	0	0
YTE-05a	75	0	0	0	0	0	0	0	0
A60-03a	0	0	0	0	0	0	0	0	0
MWC-01a	48	0	0	0	0	0	0	0	0

TCNTE EIA [4] Predicted Construction Noise, dB(A)

NSR	Max								
YTE-16a	52	0	0	0	0	0	0	0	0
YTE-14a	55	0	0	0	0	0	0	0	0
YTE-04a	58	0	0	0	0	0	0	0	0
YTE-01a	61	0	0	0	0	0	0	0	0
HLP-01a	62	0	0	0	0	0	0	0	0
HLP-02a	61	0	0	0	0	0	0	0	0
MTE-01a	61	0	0	0	0	0	0	0	0
ETCCS-01a	53	0	0	0	0	0	0	0	0
YTE-01b	64	0	0	0	0	0	0	0	0
YTE-05a	52	0	0	0	0	0	0	0	0
A60-03a	58	0	0	0	0	0	0	0	0
MWC-01a	57	50	50	50	50	50	50	50	50

Cumulative Predicted Construction Noise, dB(A)

NSR	Max								
YTE-16a	73	67	67	67	67	67	67	67	67
YTE-14a	73	70	70	70	70	70	70	70	70
YTE-04a	74	73	73	73	73	73	73	73	73
YTE-01a	75	67	67	67	67	67	67	67	67
HLP-01a	64	55	55	55	55	55	55	55	55
HLP-02a	64	55	55	55	55	55	55	55	55
MTE-01a	68	55	55	55	55	55	55	55	55
ETCCS-01a	64	56	56	56	56	56	56	56	56
YTE-01b	74	61	61	61	61	61	61	61	61
YTE-05a	75	58	58	58	58	58	58	58	58
A60-03a	62	56	56	56	56	56	56	56	56
MWC-01a	73	69	69	69	69	69	69	69	69

Note:
1. As a worst case scenario, the predicted construction noise is calculated using the distance between the notional centre of the workfront to the closest NSR.
2. Text in red in shaded cell denotes exceedance of relevant criterion.
3. Cell with shaded area denotes the unoccupancy of the NSR (i.e. before the population intake).
4. The plant inventory for construction of TCNTE is retrieved from approved EIA report for TCNTE (AEIAR-196/2016) and the plant inventory for construction of RRIW is provided by the construction professional for this RRIW during the preparation of the EIA report.

Mitigated Construction Noise for EAP / EEP and Launching Shaft

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation

Scenario : Mitigated Scenario

		2023								2024												2025											
		May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
EAP / EEP Site Formation Works - Temporary Wall																																	
EAP-A - Installation of Pipe Piles	104						104	104	104	104	104	104	104																				
EAP / EEP Site Formation Works - Slope Excavation																																	
EAP-B - Slope Excavation	117															117	117	117	117	117	117												
EAP-B - Installation of Tie Back Anchor	103																					103	103	103									
EAP-B - Installation of Strut and Walling	99																							99	99								
EAP / EEP - Foundation and Shaft Excavation Works																																	
EAP-B - Installation of Pre-bored H-piles	101																								101	101	101	101					
EAP-A - Hard Excavation (Shaft Zone)	100																								100	100	100	100					
EAP / EEP - Building (Above Ground) and Shaft Zone (Underground)																																	
EAP-A - Construction of EAP/EEP Building (Aboveground)	107																													107	107	107	
EAP-A - Construction of Shaft Structure and Staircases	105																													105	105	105	
Launching Shaft - Foundation Work																																	
LS-A - Construction of Diaphragm Wall at TCC	107											107	107	107																			
LS-A - Installation of Pre-bored H-piles at TCC	104											104	104	104																			
LS-A - Installation of Pipe Piles at TCC	103											103	103	103																			
Launching Shaft - Excavation Work																																	
LS-A - Excavation Works (Soft & Installation of Struts) for Launching Shaft	105																		105	105	105												
LS-A - Excavation Works (Rock & Installtion of Struts) for Launching Shaft	113																					113	113	113	113								
LS-A - Excavation Works (Soft & Installation of Struts) for C&C Tunnel	105																					105	105	105									
LS-A - Excavation Works (Rock & Installtion of Struts) for C&C Tunnel	113																									113	113	113	113	113			
TBM Operation																																	
LS-A - TBM Operation	106																											106	106	106	106	106	106
LS-C - TBM Operation	100																											100	100	100	100	100	100
Site Clearnace & Site Reinstatement																																	
EAP-B - Site Clearance	103	103	103	103	103	103																											
EAP-B - Site Reinstatement	108																																
LS-C: Shun Tung Road Site Clearance	107	107	107	107	107	107																											
LS-C - Shun Tung Rd Site Reinstatement	110																																
LS-A - Site Clearance	103	103	103	103	103	103																											
LS-A - Site Reinstatement	109																																
C&C Tunnel - Structural Works																																	
C&C Tunnel - C&C Tunnel Base Slab + Drill & Fix Connection to Existing Overrun Tunnels	107																														107	107	107
C&C Tunnel - C&C Tunnel Side Walls + Drill & Fix Connection to Existing Overrun Tunnels + Remove	107																																107
C&C Tunnel - C&C Tunnel Roof Slabs + Drill & Fix Connection to Existing Overrun Tunnels + Remove	107																																
Launching Shaft - Structural Works																																	
LS-D - Constuction of Launching Shaft Base Slab	106																											106	106				
LS-D - Constuction of Launching Shaft Side Walls + Remove Struts	106																																
LS-D - Constuction of Launching Shaft Roof Slab + Remove Struts	106																																

Predicted Construction Noise, dB(A)

NSR	Max																																
TCC-09a	74	71	71	71	71	71	62	62	62	62	62	67	67	66	0	74	74	74	74	74	74	70	70	70	70	70	70	72	71	72	70	70	68
TCC-01a	72	69	69	69	69	69	56	56	56	56	56	67	67	67	0	69	69	69	69	69	69	71	71	71	70	70	70	72	72	72	69	69	69
ESHI-01a	65	55	55	55	55	55	52	52	52	52	52	61	61	60	0	61	61	61	62	62	62	65	65	65	64	64	64	65	65	65	61	61	61
TCC-07a	71	64	64	64	64	64	56	56	56	56	56	66	66	66	0	68	68	68	69	69	69	70	70	70	69	69	69	71	70	70	67	67	68

Note:
1. As a worst case scenario, the predicted construction noise is calculated using the distance between the notional centre of the workfront to the closest NSR.
2. Text in red in shaded cell denotes exceedance of relevant criterion.

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation

Scenario : Mitigated Scenario

		2026												2027												2028											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
EAP / EEP Site Formation Works - Temporary Wall																																					
EAP-A - Installation of Pipe Piles	104																																				
EAP / EEP Site Formation Works - Slope Excavation																																					
EAP-B - Slope Excavation	117																																				
EAP-B - Installation of Tie Back Anchor	103																																				
EAP-B - Installation of Strut and Walling	99																																				
EAP / EEP - Foundation and Shaft Excavation Works																																					
EAP-B - Installation of Pre-bored H-piles	101																																				
EAP-A - Hard Excavation (Shaft Zone)	100																																				
EAP / EEP - Building (Above Ground) and Shaft Zone (Underground)																																					
EAP-A - Construction of EAP/EEP Building (Aboveground)	107																																				
EAP-A - Construction of Shaft Structure and Staircases	105																																				
Launching Shaft - Foundation Work																																					
LS-A - Construction of Diaphragm Wall at TCC	107																																				
LS-A - Installation of Pre-bored H-piles at TCC	104																																				
LS-A - Installation of Pipe Piles at TCC	103																																				
Launching Shaft - Excavation Work																																					
LS-A - Excavation Works (Soft & Installation of Struts) for Launching Shaft	105																																				
LS-A - Excavation Works (Rock & Installtion of Struts) for Launching Shaft	113																																				
LS-A - Excavation Works (Soft & Installation of Struts) for C&C Tunnel	105																																				
LS-A - Excavation Works (Rock & Installtion of Struts) for C&C Tunnel	113																																				
TBM Operation																																					
LS-A - TBM Operation	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106	106																			
LS-C - TBM Operation	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100																			
Site Clearnace & Site Reinstatement																																					
EAP-B - Site Clearance	103																																				
EAP-B - Site Reinstatement	108																												108	108	108	108	108	108	108		
LS-C: Shun Tung Road Site Clearance	107																																				
LS-C - Shun Tung Rd Site Reinstatement	110																																		110	110	
LS-A - Site Clearance	103																																				
LS-A - Site Reinstatement	109																										109	109	109	109	109	109	109	109	109	109	109
C&C Tunnel - Structural Works																																					
C&C Tunnel - C&C Tunnel Base Slab + Drill & Fix Connection to Existing Overrun Tunnels	107																																				
C&C Tunnel - C&C Tunnel Side Walls + Drill & Fix Connection to Existing Overrun Tunnels + Remove	107	107	107																																		
C&C Tunnel - C&C Tunnel Roof Slabs + Drill & Fix Connection to Existing Overrun Tunnels + Remove	107		107	107	107																																
Launching Shaft - Structural Works																																					
LS-D - Constuction of Launching Shaft Base Slab	106																																				
LS-D - Constuction of Launching Shaft Side Walls + Remove Struts	106																			106	106																
LS-D - Constuction of Launching Shaft Roof Slab + Remove Struts	106																				106	106															

Predicted Construction Noise, dB(A)

NSR	Max																																				
TCC-09a	74	67	68	67	67	66	66	66	66	66	66	66	66	66	66	66	66	66	0	62	65	62	0	0	0	0	65	65	65	68	68	68	68	68	68	74	74
TCC-01a	72	68	69	68	68	65	65	65	65	65	65	65	65	65	65	65	65	65	0	63	66	63	0	0	0	0	66	66	66	67	67	67	67	67	67	72	72
ESHI-01a	65	60	61	60	60	57	57	57	57	57	57	57	57	57	57	57	57	57	0	54	57	54	0	0	0	0	55	55	55	57	57	57	57	57	57	59	58
TCC-07a	71	66	68	66	66	63	63	63	63	63	63	63	63	63	63	63	63	63	0	62	65	62	0	0	0	0	65	65	65	66	66	66	66	66	66	68	67

Note:
1. As a worst case scenario, the predicted construction noise is calculated using the distance between the notional centre of the workfront to the closest NSR.
2. Text in red in shaded cell denotes exceedance of relevant criterion.

Project : Environmental Consultancy No. C1202 EIA Study for Tung Chung Line Extension

Title : Construction Noise Calculation

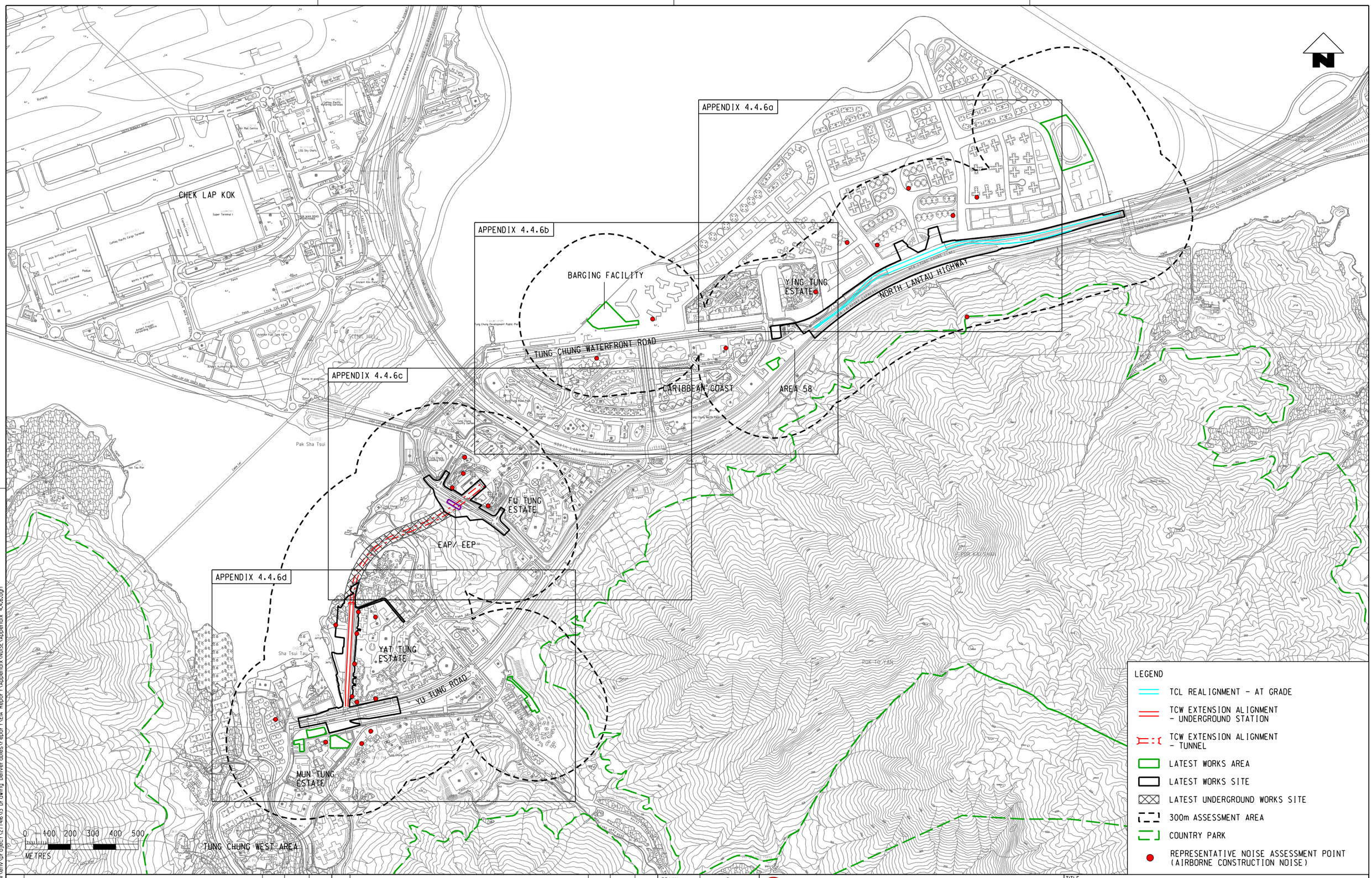
Scenario : Mitigated Scenario

		2029							
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
EAP / EEP Site Formation Works - Temporary Wall									
EAP-A - Installation of Pipe Piles	104								
EAP / EEP Site Formation Works - Slope Excavation									
EAP-B - Slope Excavation	117								
EAP-B - Installation of Tie Back Anchor	103								
EAP-B - Installation of Strut and Walling	99								
EAP / EEP - Foundation and Shaft Excavation Works									
EAP-B - Installation of Pre-bored H-piles	101								
EAP-A - Hard Excavation (Shaft Zone)	100								
EAP / EEP - Building (Above Ground) and Shaft Zone (Underground)									
EAP-A - Construction of EAP/EEP Building (Aboveground)	107								
EAP-A - Construction of Shaft Structure and Staircases	105								
Launching Shaft - Foundation Work									
LS-A - Construction of Diaphragm Wall at TCC	107								
LS-A - Installation of Pre-bored H-piles at TCC	104								
LS-A - Installation of Pipe Piles at TCC	103								
Launching Shaft - Excavation Work									
LS-A - Excavation Works (Soft & Installation of Struts) for Launching Shaft	105								
LS-A - Excavation Works (Rock & Installtion of Struts) for Launching Shaft	113								
LS-A - Excavation Works (Soft & Installation of Struts) for C&C Tunnel	105								
LS-A - Excavation Works (Rock & Installtion of Struts) for C&C Tunnel	113								
TBM Operation									
LS-A - TBM Operation	106								
LS-C - TBM Operation	100								
Site Clearnace & Site Reinstatement									
EAP-B - Site Clearance	103								
EAP-B - Site Reinstatement	108					108	108	108	108
LS-C: Shun Tung Road Site Clearance	107								
LS-C - Shun Tung Rd Site Reinstatement	110	110	110	110	110	110			
LS-A - Site Clearance	103								
LS-A - Site Reinstatement	109	109	109	109	109	109	109	109	109
C&C Tunnel - Structural Works									
C&C Tunnel - C&C Tunnel Base Slab + Drill & Fix Connection to Existing Overrun Tunnels	107								
C&C Tunnel - C&C Tunnel Side Walls + Drill & Fix Connection to Existing Overrun Tunnels + Remove	107								
C&C Tunnel - C&C Tunnel Roof Slabs + Drill & Fix Connection to Existing Overrun Tunnels + Remove	107								
Launching Shaft - Structural Works									
LS-D - Constuction of Launching Shaft Base Slab	106								
LS-D - Constuction of Launching Shaft Side Walls + Remove Struts	106								
LS-D - Constuction of Launching Shaft Roof Slab + Remove Struts	106								

Predicted Construction Noise, dB(A)

NSR	Max								
TCC-09a	74	74	74	74	74	74	68	68	68
TCC-01a	72	72	72	72	72	72	67	67	67
ESHI-01a	65	58	58	58	58	59	57	57	57
TCC-07a	71	67	67	67	67	68	66	66	66

Note:
1. As a worst case scenario, the predicted construction noise is calculated using the distance between the notional centre of the workfront to the closest NSR.
2. Text in red in shaded cell denotes exceedance of relevant criterion.



PLOT DRV: g:\common\microstation standards\pltdrv\hp.drvpltk.o3-pdf-c.env.plt
MODELNAME: Default PRINTED BY: HKGTRA04 1/14/2022 4:35:22 PM
FILENAME: \\hkgtrs2\CIENV\env\projects\277460\3 Drawing Deliverables\report\EIA Report\Appendix\NOISE\Appendix 4.4.6.dgn

REV	DESCRIPTION	BY	DATE	APPROVED
A	FIRST ISSUE	GL	170122	FC

DRAWN	GL
DESIGNED	GL
CHECKED	EL
APPROVED	FC
DATE	17/01/2022

DO NOT SCALE DRAWINGS. ALL DIMENSIONS SHALL BE VERIFIED ON SITE.

MTR

C1202 – EIA for Tung Chung Line Extension

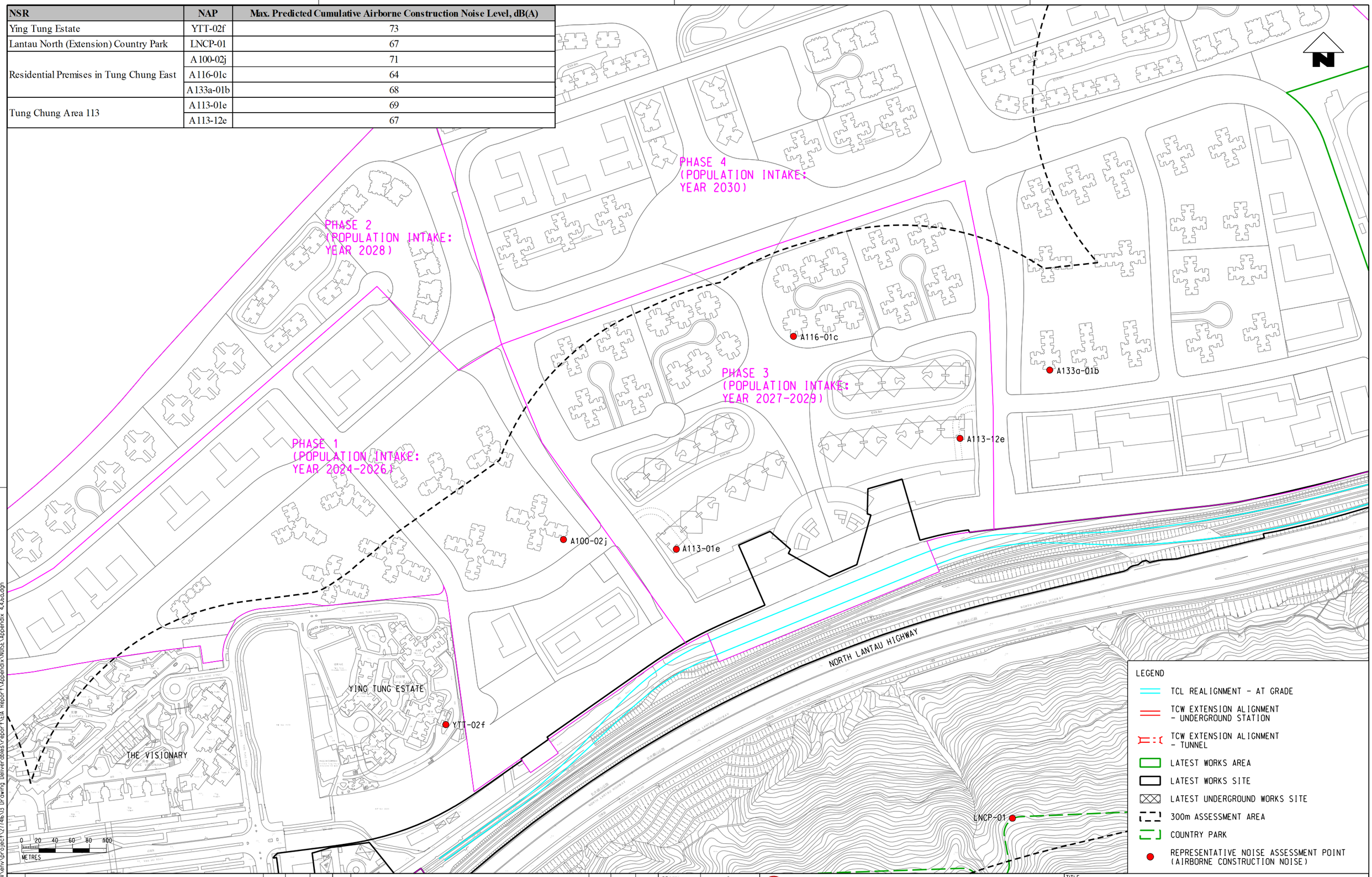
ORIGINATOR
ARUP Ove Arup & Partners Hong Kong Limited

CADD REF. Appendix 4.4.6.dgn

TITLE
PREDICTED NOISE LEVELS OF REPRESENTATIVE NOISE ASSESSMENT POINTS (AIRBORNE CONSTRUCTION NOISE)

SCALE	DRAWING NO.	REV.
AS SHOWN	APPENDIX 4.4.6	A

NSR	NAP	Max. Predicted Cumulative Airborne Construction Noise Level, dB(A)
Ying Tung Estate	YTT-02f	73
Lantau North (Extension) Country Park	LNCP-01	67
Residential Premises in Tung Chung East	A100-02j	71
	A116-01c	64
	A133a-01b	68
Tung Chung Area 113	A113-01e	69
	A113-12e	67



PLOT DRV: gi:\common\microstation standards\plotdrv\hp_arupbk_a3-pdf-c.pltdrv
MODELNAME: Default PRINTED BY: MKOTRADA 1/4/2022 4:54:42 PM
FILENAME: \\hkgrit-s27\CIENV\env\project\274865\3 Drawing Deliverables\Report\EIA Report\Appendix\NOISE\Appendix 4.4.6a.dgn

REV	DESCRIPTION	BY	DATE	APPROVED
A	FIRST ISSUE	GL	170122	FC

DRAWN	GL
DESIGNED	GL
CHECKED	EL
APPROVED	FC
DATE	17/01/2022

MTR

C1202 – EIA for Tung Chung Line Extension

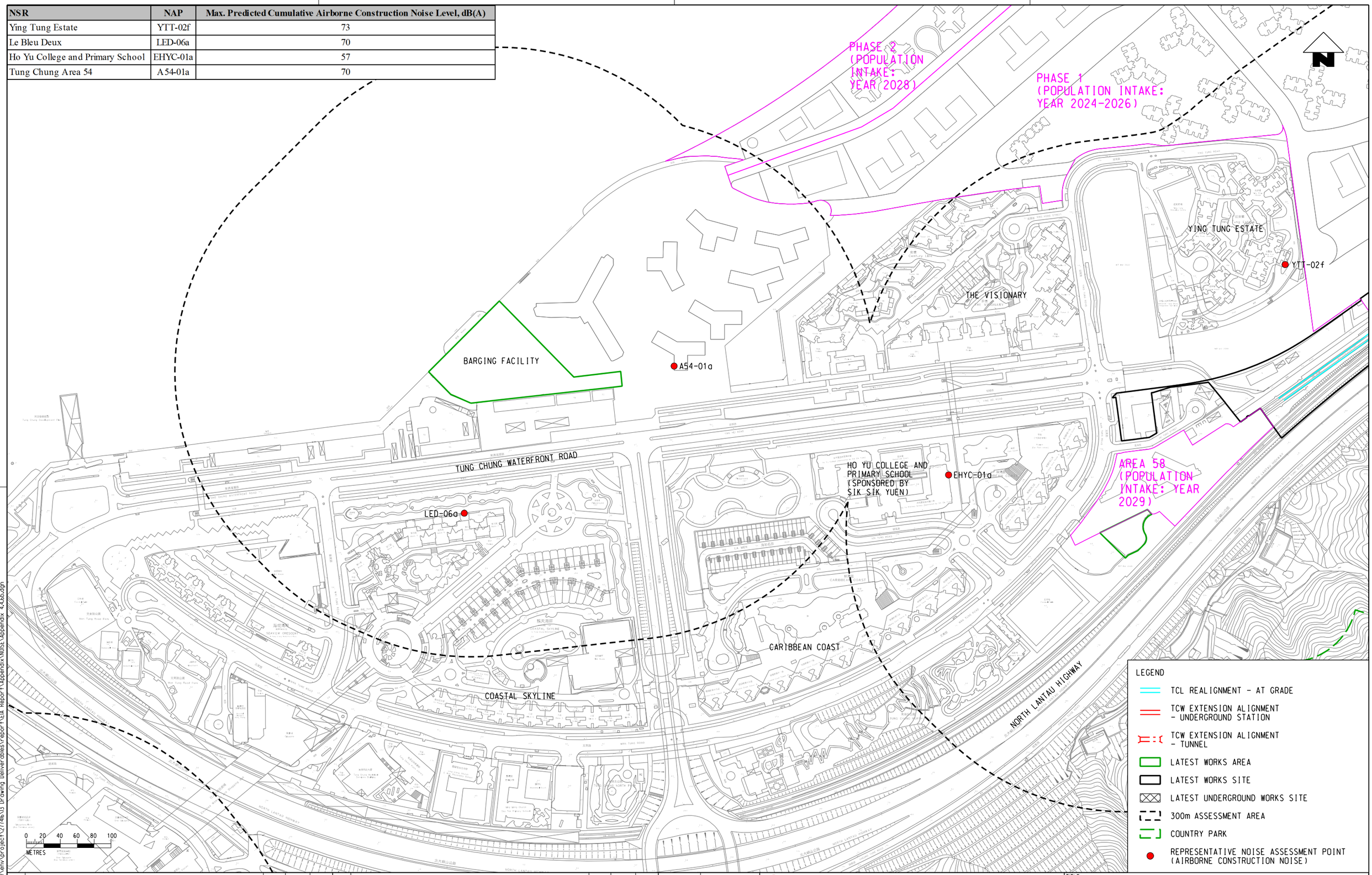
ORIGINATOR
ARUP Ove Arup & Partners Hong Kong Limited

CADD REF. Appendix 4.4.6a.dgn

TITLE
PREDICTED NOISE LEVELS OF REPRESENTATIVE NOISE ASSESSMENT POINTS (AIRBORNE CONSTRUCTION NOISE)

SCALE 1 : 4000 (A3)
DRAWING NO. APPENDIX 4.4.6a
REV. A

NSR	NAP	Max. Predicted Cumulative Airborne Construction Noise Level, dB(A)
Ying Tung Estate	YTT-02f	73
Le Bleu Deux	LED-06a	70
Ho Yu College and Primary School	EHYC-01a	57
Tung Chung Area 54	A54-01a	70



REV	DESCRIPTION	BY	DATE	APPROVED
A	FIRST ISSUE	GL	170122	FC

DRAWN	GL
DESIGNED	GL
CHECKED	EL
APPROVED	FC
DATE	17/01/2022

MTR

C1202 – EIA for Tung Chung Line Extension

ORIGINATOR
ARUP Ove Arup & Partners Hong Kong Limited

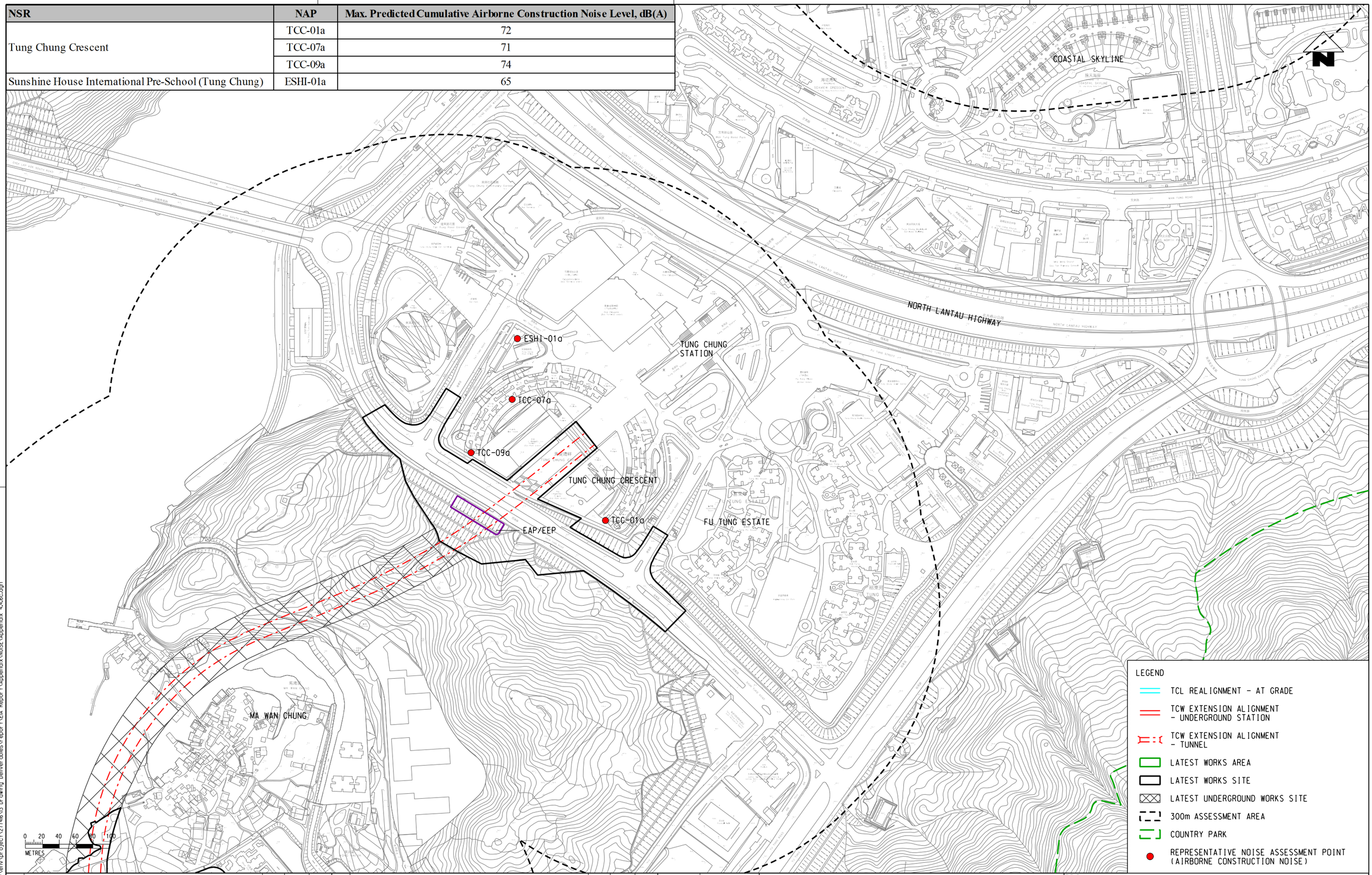
CADD REF.
Appendix 4.4.6b.dgn

TITLE
PREDICTED NOISE LEVELS OF REPRESENTATIVE NOISE ASSESSMENT POINTS (AIRBORNE CONSTRUCTION NOISE)

SCALE 1 : 4000 (A3)
DRAWING NO. APPENDIX 4.4.6b
REV. A

PLOT DRV: gi:common\microstation standards\plotdrv\hp_arupbk_a3-pdf-c_env.plt
MODELNAME: Default PRINTED BY: HKGTRA04 1/14/2022 4:44:41PM
FILENAME: \\hkgrts27\CIENV\env\Project\277461\3 Drawing Deliverables\report\EIA Report\Appendix\NOISE\Appendix 4.4.6b.dgn

NSR	NAP	Max. Predicted Cumulative Airborne Construction Noise Level, dB(A)
Tung Chung Crescent	TCC-01a	72
	TCC-07a	71
	TCC-09a	74
Sunshine House International Pre-School (Tung Chung)	ESHI-01a	65



PLOT DRN: g:\common\microstation standards\plotdrv\hp_graphk_a3-pdf-c.env.plt
MODELNAME: Default PRINTED BY: HKGTRA04 1/4/2022 4:53:20 PM
FILENAME: \\hkgrts27\CIENV\env\projects\277146\03 Drawing Deliverables\report\EIA Report\Appendix\NOISE\Appendix 4.4.6c.dgn

REV	DESCRIPTION	BY	DATE	APPROVED
A	FIRST ISSUE	GL	170122	FC

DRAWN	GL
DESIGNED	GL
CHECKED	EL
APPROVED	FC
DATE	17/01/2022

MTR

C1202 – EIA for Tung Chung Line Extension

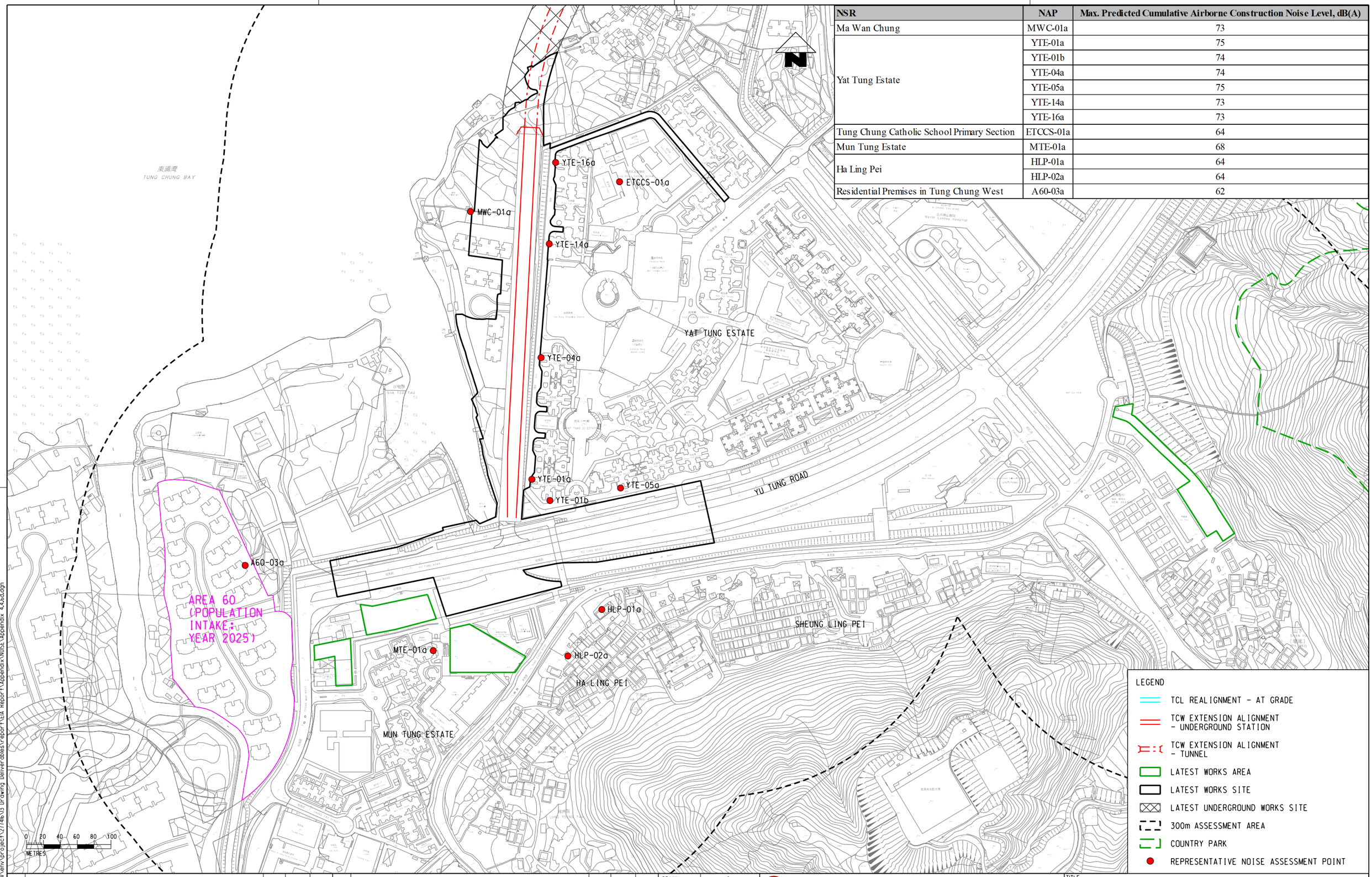
ORIGINATOR
ARUP Ove Arup & Partners Hong Kong Limited

CADD REF.
Appendix 4.4.6c.dgn

TITLE
PREDICTED NOISE LEVELS OF REPRESENTATIVE NOISE ASSESSMENT POINTS (AIRBORNE CONSTRUCTION NOISE)

SCALE 1 : 4000 (A3)
DRAWING NO. APPENDIX 4.4.6c
REV. A

NSR	NAP	Max. Predicted Cumulative Airborne Construction Noise Level, dB(A)
Ma Wan Chung	MWC-01a	73
Yat Tung Estate	YTE-01a	75
	YTE-01b	74
	YTE-04a	74
	YTE-05a	75
	YTE-14a	73
	YTE-16a	73
Tung Chung Catholic School Primary Section	ETCCS-01a	64
Mun Tung Estate	MTE-01a	68
Ha Ling Pei	HLP-01a	64
	HLP-02a	64
Residential Premises in Tung Chung West	A60-03a	62



REV	DESCRIPTION	BY	DATE	APPROVED
A	FIRST ISSUE	GL	170122	FC

DRAWN	GL
DESIGNED	GL
CHECKED	EL
APPROVED	FC
DATE	17/01/2022

MTR

C1202 - EIA for Tung Chung Line Extension

ORIGINATOR
ARUP Ove Arup & Partners Hong Kong Limited

CADD REF. Appendix 4.4.6d.dgn

TITLE
PREDICTED NOISE LEVELS OF REPRESENTATIVE NOISE ASSESSMENT POINTS (AIRBORNE CONSTRUCTION NOISE)

SCALE 1 : 4000 (A3)
DRAWING NO. APPENDIX 4.4.6d
REV. A

PLOT DRV: gi:\common\microstation standard\plotdrv\hp_arupltk_a3-pdf-c.env.plt
MODEL NAME: Default PRINTED BY: HKUTHA04 1/4/2022 4:54:49 PM
FILENAME: \\hkgrits27\CIENV\env\project\27T4613 Drawing Deliverables\report\EIA Report\Appendix\NOISE\Appendix 4.4.6d.dgn