

Appendix 5.7F

Mitigated Construction Noise Impacts (East Portion)

Project : Central Kowloon Route

Title : Construction Noise Calculation

Scenario : Mitigated Scenario

Subtitle: East Portion

Activities	2015												2016												2017											
	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
Cut and Cover Tunnel Worksite S1 3001 Decant Disused Vehicular Pier Elevated Structure (PTI Phase 1)	110	110	110	110	110	110																														
Cut and Cover Tunnel Worksite S2 3002 Construction of Noise Enclosure (PTI Phase 2) 3003 Shaft Excavation							107	107	107																											
Cut and Cover Tunnel Worksite S3a 3101 Diaphragm walls (PTI Phase 3)							106	106	106	106	106	106																								
Cut and Cover Tunnel Worksite S3b 3101 Diaphragm walls (PTI Phase 3)							106	106	106	106	106	106																								
Cut and Cover Tunnel Worksite S3c 3102 Excavation and Structures (PTI Phase 3) 3102.1 Tunnel Box (Phase 1) 3102.2 Backfill and Restoration (Phase 1)													108	108	108	108	108	108	108																	
Cut and Cover Tunnel Worksite S4a 3103 Diaphragm Walls (PTI Phase 4)																																				
Cut and Cover Tunnel Worksite S4b 3103 Diaphragm Walls (PTI Phase 4)																																				
Cut and Cover Tunnel Worksite S4c 3104 Excavation and Structures (PTI Phase 4) 3104.1 Tunnel Box (Phase 2) 3104.2 Backfill and Restoration (Phase 2)																																				
Cut and Cover Tunnel Worksite S4d 3104 Excavation and Structures (PTI Phase 4) 3104.1 Tunnel Box (Phase 2) 3104.2 Backfill and Restoration (Phase 2)																																				
Cut and Cover Tunnel Worksite S5 3105 Excavation and Structures (PTI Phase 5-remaining C&C Tunnel construction at Access Shaft) 3105.1 Tunnel Box (Phase 3) 3105.2 Backfill and Restoration (Phase 3)																																				
Construction of Landing Step S6 Construction of Landing Step	107	107	107	107	107	107	107	107	107																											
Underwater Tunnel Worksite S7 Underwater Tunnel (Phase 1) - Stone Columns Construction	113	113	113	113	113	113																														
Underwater Tunnel Worksite S8 Underwater Tunnel (Phase 1) - Seawall Construction	115	115	115	115	115	115																														
Underwater Tunnel Worksite S9 Underwater Tunnel (Phase 1) - Temporary Reclamation							112	112																												
Underwater Tunnel Worksite S10 Underwater Tunnel (Phase 1) - Diaphragm Walls									111	111	111	111	111																							
Underwater Tunnel Worksite S11 Underwater Tunnel (Phase 1) - Excavation Underwater Tunnel (Phase 1) - Tunnel Box Underwater Tunnel (Phase 1) - Backfill										112	112	112	112	112	112	113	113	113	113	113			112													
Underwater Tunnel Worksite S12a Underwater Tunnel (Phase 1) - Restoration																																				
Underwater Tunnel Worksite S12b Underwater Tunnel (Phase 1) - Restoration																																				
Underwater Tunnel Worksite S13 3206 Demolish Ma Tau Kok Public Pier 3206 Staged handover of Temporary PTI	107	107	107																																	
Underwater Tunnel Worksite S14a Underwater Tunnel (Phase 1) - Dredging																																				
Underwater Tunnel Worksite S14b Underwater Tunnel (Phase 1) - Dredging																																				
Underwater Tunnel Worksite S15a Underwater Tunnel (Phase 2) - Stone Columns Construction																																				
Underwater Tunnel Worksite S15b Underwater Tunnel (Phase 2) - Stone Columns Construction																																				
Underwater Tunnel Worksite S16 Underwater Tunnel (Phase 2) - Seawall Construction																																				
Underwater Tunnel Worksite S17 Underwater Tunnel (Phase 2) - Seawall Construction																																				
Underwater Tunnel Worksite S18 Underwater Tunnel (Phase 2) - Temporary Reclamation																																				
Underwater Tunnel Worksite S19a Underwater Tunnel (Phase 2) - Diaphragm Walls																																				
Underwater Tunnel Worksite S19b Underwater Tunnel (Phase 2) - Diaphragm Walls																																				

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Activities	2015												2016												2017											
	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
Underwater Tunnel Worksite S20 Underwater Tunnel (Phase 2) - Excavation Underwater Tunnel (Phase 2) - Tunnel Box Underwater Tunnel (Phase 2) - Backfill																																				
Underwater Tunnel Worksite S21 Underwater Tunnel (Phase 2) - Restoration																																				
Depressed Road Worksite S22 3301 Diaphragm wall	106	106	106	106	106	106	106	106	106	106	106	106																								
Depressed Road Worksite S23 3301 Site Formation, Levelling and Excavation Works	106	106	106	106	106	106	106	106	106	106	106	106																								
Depressed Road Worksite S24 3302 Site Formation, levelling & excavation works 3302 Construction & Paving Works	109	109	109	109	109	109	109						110	110	110	110	110	110	110	110	110	110	110	110												
Depressed Road Worksite S25 3303 Site Formation, levelling & excavation works 3303 Construction & Paving Works													107	107	107	107	107	107	107						109	109	109	109	109	109	109	109	109	109	109	109
Depressed Road Worksite S26 3303 Site Formation, levelling & excavation works 3303 Construction & Paving Works													107	107	107	107	107	107	107						109	109	109	109	109	109	109	109	109	109	109	109
Connecting Road and Flyover Worksite S27 3401 Site Formation, levelling & Excavation works 3401 Construction & Paving Works 3401 Fitting Works	109	109																																		
Connecting Road and Flyover Worksite S28 3402 Site Formation, levelling & Excavation works 3402 Construction & Paving Works 3402 Fitting Works	109	109																																		
Connecting Road and Flyover Worksite S29 (Slip Road S1, S2,S7, S8, S9) 3403 Site Formation, levelling & Excavation works 3403 Construction & Paving Works 3403 Fitting Works													109	109	109										110	110	110	110	110	110	110	110	110	110	110	110
Connecting Road and Flyover Worksite S30 (Slip Road S3) 3404 Site Formation, levelling & Excavation works 3404 Construction & Paving Works 3404 Fitting Works													109	109	109										110	110	110	110	110	110	110	110	110	110	110	110
Connecting Road and Flyover Worksite S31 3405 Decant of Fire Station	110	110	110																																	
Connecting Road and Flyover Worksite S32 (ring road) 3405 Site Formation, levelling & Excavation works 3405 Construction & Paving Works 3405 Fitting Works																									108	108	108									
Connecting Road and Flyover Worksite S33 (Slip Road S4) 3405 Site Formation, levelling & Excavation works 3405 Construction & Paving Works 3405 Fitting Works													107	107	107										107	107	107	107	107	107	107	107	107	107	107	107
Connecting Road and Flyover Worksite S34 3406 Foundation Works for Admin/ Ventilation Building in Kai Tak 3406 Construction of Admin and Ventilation Building													109	109	109	109	109	109	109	109	109	109	109	109	106	106	106	106	106	106	106	106	106	106	106	106
Connecting Road and Flyover Worksite S35 3406 Foundation Works for Admin/ Ventilation Building in Kai Tak 3406 Construction of Admin and Ventilation Building													109	109	109	109	109	109	109	109	109	109	109	109	106	106	106	106	106	106	106	106	106	106	106	106
Connecting Road and Flyover Worksite S36 3406 Construction of Ventilation Duct																																				110
Connecting Road and Flyover Worksite S37 3407 Site Formation, levelling & Excavation works 3407 Construction & Paving Works 3407 Fitting Works													109	109	109										110	110	110	110	110	110	110	110	110	110	110	110
Connecting Road and Flyover Worksite S38 3408 Site Formation, levelling & Excavation works 3408 Construction & Paving Works 3408 Fitting Works													109	109	109										110	110	110	110	110	110	110	110	110	110	110	110
PTI Landscape Deck Worksite S39 Construct Landscape Deck and Finishing Works																																				

Project : Central Kowloon Route

Title : Construction Noise Calculation

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Activities	2018												2019												2020												
	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	
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Cut and Cover Tunnel Worksite S2 3002 Construction of Noise Enclosure (PTI Phase 2)																																					
3003 Shaft Excavation	110	110	110	110	110	110	110	110	110	110	110	110	110	110	110																						
Cut and Cover Tunnel Worksite S3a 3101 Diaphragm walls (PTI Phase 3)																																					
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Cut and Cover Tunnel Worksite S4c 3104 Excavation and Structures (PTI Phase 4)	108	108																																			
3104.1 Tunnel Box (Phase 2)			111	111	111	111	111																														
3104.2 Backfill and Restoration (Phase 2)							108	108																													
Cut and Cover Tunnel Worksite S5 3105 Excavation and Structures (PTI Phase 5-remaining C&C Tunnel construction at Access Shaft)																																					
3105.1 Tunnel Box (Phase 3)															108	108	108					111	111	111													
3105.2 Backfill and Restoration (Phase 3)																							108	108	108												
Construction of Landing Step S6 Construction of Landing Step																																					
Underwater Tunnel Worksite S7 Underwater Tunnel (Phase 1) - Stone Columns Construction																																					
Underwater Tunnel Worksite S8 Underwater Tunnel (Phase 1) - Seawall Construction																																					
Underwater Tunnel Worksite S9 Underwater Tunnel (Phase 1) - Temporary Reclamation																																					
Underwater Tunnel Worksite S10 Underwater Tunnel (Phase 1) - Diaphragm Walls																																					
Underwater Tunnel Worksite S11 Underwater Tunnel (Phase 1) - Excavation																																					
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3206 Staged handover of Temporary PTI																																					
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Underwater Tunnel Worksite S19a Underwater Tunnel (Phase 2) - Diaphragm Walls	109	109	109	109																																	
Underwater Tunnel Worksite S19b Underwater Tunnel (Phase 2) - Diaphragm Walls	109	109	109	109																																	

