Project : SCL - Tai Wai to Hung Hom Section

Title : Construction Noise Calculation
Scenario : Unmitigated Scenario
Subtitle : Chatham Road North

Activities	2012						2013												2014												2015												2016											
	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	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Worksite S1																																																						
Concrete Structure EWL and Concrete Structure EWL (existing culvert loc)																																									117	117	117	117	117									
Worksite S2																																																						
Concrete Strucutres EWL																																				119	119	119																
Worksite S3a																																																						
Temporary Cofferdam EWL						119	119	119																																														
Excavation & Shoring EWL									112	112	112																																											
Concrete Strucutres EWL												114	114	114	114	114																																						
Worksite S3b																																																						
Stage 1 Across Rd Cofferdam Construction																			119	119																																			
Excavation																					112	112																																		
Structure EWL (Winslow St.) - Stage 1																							118	118	118																															
Stage 2 Across Rd Cofferdam Construction																											119	119	119																											
Stage 3 Across Rd Cofferdam Construction																														119	119																									
Excavation																																112	112																							
Structure EWL (Winslow St.) - Stage 3																																		118	118	118																			
Reinstate Winslow St.																																					116	116	116	116																
Traffic Diversion works (Winslow St)																									118	118	118																													
Worksite S4a																																																							
Site Clearance and Hoarding and Utility diversion			113	113	113	113																																																		
Temp CHRN Foundation				116	116	116	116	116	116	116	116	116																																											
Deck for TB1												113	113	113	113	113	113	113																																						
Existing Bridge Deck Removal																			115	115																																				
Construction of new western abutment																															118	118	118																							
Bridge Reinstatement																																		118	118	118	118																			
Demolish Temp CHRN																																					117	117	117																	
Demolish Existing OB2 abutment																							115	115																																
Worksite S4b																																																							
Temporary Cofferdam EWL																							119	119	119	119																															
Excavation & strutting to EWL formation																											112	112																													
Concrete Strucutres EWL																													118	118	118	118	118																							
Re-align Slip road OB2A																																							118	118	118																
Divert Slip road Winslow St. underpass																																									118															
Worksite S5																																																							
Temporary Cofferdam EWL before Temp CHRN diversion				106	106																																																			
Excavation & strutting to EWL formation																														112	112	112																								
Concrete Strucutres EWL																																	116	116																						
Temporary Cofferdam EWL (after slip rd re-instate)																																									119	119	119														
Excavation & strutting EWL (after slip rd re-instate)																																											112	112	112											
Concrete Strucutres EWL (after slip rd re-instate)																																														118	118	118							
Backfill EWL (after slip rd re-instate)																																																	116	116				
Worksite S7																																																							
Sump pit Structure																																															118	118							
EWL Structure																																															116	116	116						

Note: S6 is not included in this assessment

Summary of SWLs																																																							
Worksite S1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	117	117	117	117	117	0	0	0	0	0	0	0	0	0
Worksite S2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	119	119	119	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worksite S3a	0	0	0	0	0	119	119	119	112	112	112	114	114	114	114	114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worksite S3b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	119	119	112	112	118	118	121	118	121	119	119	119	119	112	112	118	118	118	116	116	116	116	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worksite S4a	0	0	113	118	118	118	116	116	116	116	116	118	113	113	113	113	113	113	115	115	0	0	119	119	119	119	112	112	118	118	121	121	121	118	118	118	121	117	117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worksite S4b	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	119	119	119	119	112	112	118	118	118	118	118	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worksite S5	0	0	0	106	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	112	112	112	116	116	0	0	0	0	0	0	119	119	119	112	112	112	118	118	118	116	116	0	0	0
Worksite S7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	120	120	116	0	0	0	0	0

Predicted Construction Noise, dB(A)	Max																																																						
HOM-5-1	71	0	0	58	64	64	63	61	61	61	61	61	63	59	59	59	59	59	59	63	63	53	53	69	69	70	69	65	64	68	69	70	70	71	69	65	65	67	64	64	57	70	70	70	63	63	63	69	69	69	67	67	0	0	0
HUH-1-1	73	0	0	60	66	66	69	68	68	65	65	65	67	64	64	64	64	61	61	65	65	55	55	71	71	72	71	67	66	70	72	73	72	73	71	67	69	70	69	66	59	72	72	72	65	65	65	71	71	71	69	69	0	0	0
HUH-1-2	80	0	0	65	71	71	73	73	73	69	69	69	71	69	69	69	69	65	65	74	74	66	66	79	79	80	79	77	75	78	79	79	79	80	77	74	75	75	74	73	70	78	78	78	71	71	71	77	77	77	75	75	0	0	0
HUH-1-3	89	0	0	69	74	74	80	80	80	75	75	75	77	75	75	75	75	70	70	86	86	79	79	87	87	89	87	88	86	87	87	88	85	85	85	85	85	84	84	84	83	75	75	75	69	69	68	73	73	73	72	72	0	0	0
HUH-10-1	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	67	67	64	0	0	0	0
HUH-4-1	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	66	66	66	0	0	67	67	67	67	67	0	0	0	0	0	0	0	0	0
HUH-3-1	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	68	68	0	0	68	68	68	68	68	0	0	0	0	0	0	0	0	0
HUH-4-2	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	63	63	63	63	0	0	67	67	64	0	0	0	0
HUH-8-1	70	0	0	0	0	0	65	65	65	59	59	59	60	60	60	60	60	0	0	66	66	59	59	68	68	69	68	69	66	68	68	68	65	65	65	65	70	69	69	63	63	65	65	65	65	65	0	0	0	0	0	0	0	0	0