Project : SCL - Tai Wai to Hung Hom Section

Title : Construction Noise Calculation
Scenario : Mitigated Scenario
Subtitle: DHS + EEP at Wong Tai Sin + C&C + Retrieval Shafts + Work shaft + Tsz Wan Shan Pedestrian Link (Cumulative)

Activities	2012												2013												2014												2015												2016											
	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	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Worksite S1																																																												
Site Clearance							105	105	105																																																				
Hoardings							103	103	103																																																				
Utility Diversions							104	104	104																																																				
MTR Site Office							103	103																																																					
Landscape & Finish																																													98	98	98	98	98	98										
Entrance (A2) - Construct bulk head wall								93	93	93																																																			
Entrance (A2) - Construct temp. access opening								93	93	93	93																																																		
Entrance (A2) - Construct staircase								93	93	93																																																				
Crosswall (15m) 1st Stage									98	98																																																				
Partial demolish Entrance (A2)											108	108	108	108																																															
S Dwall (9m)														98	98																																														
N Dwall (21m)															98	98																																													
S Dwall (27m), W End D Wall (15m)															101	101																																													
Partial TBM W Grout Block (By 1103)																102	102																																												
Crosswall (55m) 2nd Stage																101	101	101																																											
Crosswall (60m) 3rd Stage																		101	101	101																																									
Entrance (A2) - Install ELS																		101	101	101	101																																								
Entrance (A2) - Install Pipe Pile Walls																		101	101	101																																								
Install ELS near Adit D1																		101	101	101																																								
Temp. site formation for Dwall construction (1)																		105	105																																									
N Dwall (21m), W End Dwall (15m)																			101	101	101	101	101																																					
Crosswall (42m) 4th Stage																				101	101	101																																						
Entrance (A2) - Demolish Subaway																					108	108																																						
Entrance (A2) - Install ELS & Structs																						101	101																																					
Temp. Site formation for Dwall construction (2)																						105	105																																					
Crosswall (36m) 5th Stage																						98	98	98	98																																			
Install ELS & Structs (West end)																							101	101	101																																			
Install pipe pile walls (West end)																							101	101	101																																			
Temp. Site formation for Dwall construction (3)																							105	105																																				
Install ELS near Adit D1																								101	101	101																																		
Excavation (West end to +6m)																									102	102	102																																	
Entrance (A2) - Construct Bulk Head Wall																											93	93																																
Entrance (A2) - Construct partial floor slab & staircase																											93	93	93	93																													
Excavate to -20.8																														102	102	102	102	102																								
Entrance (A2) - Install ELS																														101	101																												
Entrance (A2) - Demolish Subway & Install Structs																															109	109																										
Entrance (A2) - Excavation																																102	102																								
Entrance (A2) - Structures																																		93	93																						
Remaining TBM W Grout Block (By 1103)																																		102	102																						
DIH - Base Slab																																		93	93	93	93																			
DIH - Conc. Slab (with hole)																																					93	93	93	93																
DIH - Mezz. Slab																																							93	93	93	93														
DIH - columns																																								93	93														
DIH - 24hr Access Slab (with hole)																																									93	93	93											
DIH - Roof Slabs (with hole)																																												93	93	93								
DIH - Slabs (completion)																																															93	93	93						
Internal Structures - Platform level (1)																																																	93	93	93				
Internal Structures - Mezz. Level																																																	93	93	93	93	93		
Internal Structures - Conc. Level																																																	93	93	93	93	93		
Internal Structures - 24hr Access Level																																																	93	93	93	93	93		
DIH - Ground Level Structures																																																	100	100	100	100	100		
Internal Structures - Platform Level (2)																																																	93	93	93	93	93		
DIH Tx Rms - Structures																																																						104	104		
Worksite S2																																																												
Site Clearance							105	105	105																																																				
Hoardings							103	103	103																																																				
Utility Diversions							104	104	104																																																				
MTR Site Office							103	103																																																					
Landscape & Finish																																													98	98	98	98	98	98										
S Dwall (57m)									101	101	101																																																		
N Dwall (39m)																101	101																																												
Excavate to -5.2																								107																																				
Excavate to -20.8																										105	105																																	
DIH - Base Slab																																		93	93	93	93																					
DIH - Mezz. Slab																																					93	93	93																				
DIH - Columns																																					93	93	93	93	93	93																
DIH - Conc. Slab																																							93	93	93	93																
Internal Structures - Platform Level																																							93	93	93	93	93	93														
DIH - 24hr Access Slab																																										93	93	93														
Internal Structures - Mezz. Level																																										93	93	93	93	93											
DIH - Roof Slab																																												93	93	93											
Internal Structures - Conc. Level																																												93	93	93	93	93	93								
Internal Structures - 24hr Access Level																																													93	93	93	93	93	93								

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Activities	2012												2013												2014												2015												2016											
	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	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Worksite S3																																																												
Site Clearance							105	105	105																																																				
Hoardings							103	103	103																																																				
Utility Diversions							104	104	104																																																				
MTR Site Office							103	103																																																					
Landscape & Finish																																													98	98	98	98	98	98										
S DWall (33m)											98																																																		
N DWall (35m)											98	98																																																	
N Dwall (36m)															101	101																																													
S Dwall (26m)																98	98																																												
Excavate to -1.2																					105	105																																							
Excavate to -11.4																								105	105																																				
Excavate to -20.8																											105	105																																	
DIH - Base Slab																												93	93	93	93																														
DIH - Mezz. Slab																															93	93	93																												
DIH - Columns																															93	93	93	93	93																									
DIH - Conc. Slab																																	93	93	93																									
Internal Structures - Platform Level																																	93	93	93	93	93	93																						
DIH - Roof Slab																																			93	93	93	93																					
Internal Structures - Mezz. Level																																			93	93	93	93	93	93																			
Internal Structures - Conc. Level																																					93	93	93	93	93	93																	
Worksite S4																																																													
Site Clearance							105	105	105																																																				
Hoardings							103	103	103																																																				
Utility Diversions							104	104	104																																																				
MTR Site Office							103	103																																																					
Landscape & Finish																																													98	98	98	98	98	98										
N DWall (47m)												101	101	101																																															
S Dwall (35m)																	101	101	101																																										
Tree Transplanting (CAT D) - DT1885																		106	106																																										
Excavate to -1.2																			105	105																																									
Excavate to -11.4																						102	102																																						
Excavate to -20.8																									102	102																																			
DIH - Base Slab																										93	93	93																																	
DIH - Mezz. Slab																												93	93	93	93																														
DIH - Columns																												93	93	93	93	93	93																											
DIH - Conc. Slab																															93	93	93																											
Internal Structures - Platform Level																															93	93	93	93	93																									
DIH - Roof Slab																																	93	93	93																									
Internal Structures - Mezz. Level																																	93	93	93	93	93	93																						
Internal Structures - Conc. Level																																				93	93	93	93	93																				
Worksite S5																																																													
Site Clearance							105	105	105																																																				
Hoardings							103	103	103																																																				
Utility Diversions							104	104	104																																																				
MTR Site Office							103	103																																																					
Landscape & Finish																																													98	98	98	98	98	98										
S DWall (30m)														101	101																																															
E End DWall (30m)																101	101	101																																										
N DWall (54m)																	103	103																																											
TBM E Grout Block (By 1107)																		102	102																																										
S DWall (36m)																		101	101																																										
Excavate to -1.2																			105	105																																									
Excavate to -11.4																				105	105																																								
Excavate to -20.8																							105	105																																				
DIH - Base Slab																									93	93	93																																	
DIH - Conc.. Slab (with hole)																											93	93	93																																
DIH - Columns																														93	93																													
DIH - Roof Slab (with hole)																															93	93	93																											
DIH - Mezz. Slab																																					93	93	93	93																				
DIH - Slabs (completion)																																					93	93	93	93																				
Internal Structures - Platform Level (1)																																								93	93	93																		
Internal Structures - Mezz. Level																																								93	93	93	93	93															
Internal Structures - Conc. Level																																								93	93	93	93	93															
DIH - Ground Level Structures																																								104	104	104	104	104															
Internal Structures - Platform Level (2)																																								93	93	93	93	93															

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Activities	2012												2013												2014												2015												2016											
	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	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Worksite S6																																																												
Site Clearance							105	105	105																																																				
Hoardings							103	103	103																																																				
Utility Diversions							104	104	104																																																				
MTR Site Office							103	103																																																					
Landscape & Finish																																													98	98	98	98	98	98										
Sewer Diversion 3									104	104																																																			
Piles LDBP 24 nos											110	110	110																																																
Piles LDBP 30 nos															108	108	108	108	108																																										
Install ELS(West)															101	101	101																																												
Install pipe pile walls (West)															101	101	101																																												
DHS - Excavate to -1																				107	107																																								
Formation of Construction Access (2)																				105	105																																								
DHS Construct Ramp																						103	103	103																																					
DHS Base Slab																								103	103	103																																			
DHS Columns (to Mezz)																										103	103	103																																	
DHS Walls																										103	103	103	103																																
DHS Mezz Slab																													103	103	103																														
DHS Internal Structures - Track Level																															103	103	103	103																										
DHS Columns (to Roof)																															103	103	103																											
DHS Roof Slab																																	103	103	103																									
DHS Vent Shafts etc																																			103	103																								
DHS West End Building - Internal Structures																																			103	103	103	103																						
DHS Internal Structures - Mezz. Level																																			103	103	103	103																						
DHS Tx Rms - Structures																																																					103	103					
Worksite S7																																																												
Site Clearance							105	105	105																																																				
Hoardings							103	103	103																																																				
Utility Diversions							104	104	104																																																				
MTR Site Office							103	103																																																					
Landscape & Finish																																													98	98	98	98	98	98										
Construct temp. Subway									104	104	104																																																		
Install ELS(West/North)									101	101	101																																																		
Piles LDBP 12 nos											108	108	108																																																
Piles LDBP 18 nos													110	110	110																																														
Piles LDBP 63 nos															111	111	111	111	111	111																																									
Install ELS																	101	101	101	101																																								
Piles LDBP 53 nos																				113	113	113	113																																						
DHS - Excavate to -1																							105	105	105	105	105																																		
DHS Base Slab																												103	103	103	103																														
DHS Walls (1)																															103	103	103	103																										
DHS Columns (1)																															103	103	103	103																										
DHS Roof Slab																																	103	103	103	103																								
DHS - Excavate to -1																																					103	103	103	103																				
DHS Base Slab																																								103	103	103																		
DHS Columns (2)																																										103	103	103															
DHS Walls (2)																																										103	103	103															
DHS Roof Slab																																												103	103	103	103												
DHS Internal Structures - Track Level																																															103	103	103	103									
Worksite S8																																																												
Site Clearance							105	105	105																																																				
Hoardings							103	103	103																																																				
Utility Diversions							104	104	104																																																				
MTR Site Office							103	103																																																					
Landscape & Finish																																													98	98	98	98	98	98										
Choi Hung Road Sewer Diversion 1							104	104	104	104	104	104	104	104																																															
Install ELS									101	101																																																			
Piles LDBP 24 nos											111	111	111																																																
Piles LDBP 33 nos													113	113	113																																														
Install ELS																				101	101	101																																							
Piles LDBP 20 nos																				108	108	108	108																																						
Piles LDBP 26 nos																							111	111	111																																				
DHS - Excavate to -1																																					100	100	100	100																				
DHS Base Slab																																								103	103	103																		
DHS Walls (1)																																										103	103	103															
DHS Columns (1)																																										103	103																
DHS Roof Slab																																												103	103													
DHS - Excavate to -1																																														108	108	108										
DHS Base Slab																																																103	103	103								
DHS Columns (2)																																																		103	103							
DHS Walls (2)																																																		103	103						
DHS Roof Slab																																																			103	103	103				
DHS Internal Structures - Track Level																																																				103	103	103	103			

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Activities	2012												2013												2014												2015												2016											
	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	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Worksite S9																																																												
Site Clearance							105	105	105																																																			
Hoardings							103	103	103																																																				
Utility Diversions							104	104	104																																																				
MTR Site Office							103	103																																																					
Landscape & Finish																																													98	98	98	98	98	98									
Choi Hung Road Sewer Diversion 2							104	104	104	104	104	104	104	104																																															
Contaminated Soil Removal							102	102	102																																																				
Piles LDBP 9 nos													107	107	107																																														
Piles LDBP 27 nos															107	107	107	107	107	107																																								
Install Pipe Pile Walls (East)																	101	101	101	101																																								
Install Pipe Pile Walls																				101	101																																								
Piles LDBP 27 nos																							111	111	111																																				
Formation of Construction Access (1)																							105	105	105																																				
DHS - Excavate to -2																									106	106	106																																		
DHS Base Slab																											103	103	103	103																															
DHS Walls (1)																														103	103	103																												
DHS Columns (1)																														103	103	103																												
DHS Roof Slab																																103	103	103																									
DHS - Excavate to -1																																						108	108	108	108																		
DHS Base Slab																																									103	103	103																
DHS Columns (2)																																											103	103	103														
DHS Walls (2)																																											103	103	103													
DHS Roof Slab																																													103	103	103	103										
DHS Internal Structures - Track Level																																																103	103	103	103	103						
Worksite S10																																																												
Site Clearance							105	105	105																																																			
Hoardings							103	103	103																																																			
Utility Diversions							104	104	104																																																			
MTR Site Office							103	103																																																				
Landscape & Finish																																													98	98	98	98	98	98									
Tree Receptors Site (1)							103	103	103																																																				
Piles LDBP 43 nos															109	109	109	109	109	109																																								
Install ELS (East)															101	101	101																																											
Piles LDBP 15 nos																				108	108	108	108																																					
DHS - Excavate to -2																									105	105	105	105																																	
DHS Base Slab																												103	103	103																															
DHS Walls																														103	103	103																												
DHS Columns (to Mezz)																														103	103																												
DHS Mezz. Slab																																103	103	103	103																								
DHS Internal Structures - Track Level																																			103	103	103	103																					
DHS Columns (to Roof)																																			103	103																						
DHS Roof Slab																																				103	103	103	103																			
DHS VB & VS																																						103	103	103																		
Floodgate - Installation & Construction																																						103	103																		
DHS East End Building - Internal Structures																																						103	103	103	103																
DHS Internal Structures - Mezz. Level																																						103	103	103	103																
Worksite S11																																																												
Watermain Diversion (LCR)							104	104	104																																																			
Gas Main Diversion (LCR)							104	104	104																																																			
LCR Diversion Embankment Fill															108	108	108																																											
LCR W/B Diversion Construction																108	108	108																																									
LCR W/B Deck Consturction																108	108	108																																									
LCR W/B Diverstion Traffic																		108																																									
LCR E/B Widening																					108	108	108																																				
LCR E/B Diversion Traffic																								108																																			
LCR E/B Reinstatement																																	108	108																								
LCR E/B to Original Traffic																																		108																								
LCR W/B Reinstatement																																				108	108																					
LCR W/B to Original Traffic																																					108																					
Worksite S12																																																												
Interchange Adit - Construct Barettes							105	105	105																																																			
Interchange Adit - ELS (Part 1)													101	101	101																																													
Interchange Adit - Excavation (Part 1)															102	102	102																																										
Interchange Adit - Structure (Part 1)																93	93	93																																									
Adit D1 - ELS																		101	101																																								
Interchange Adit - ELS (Part 2)																		101	101	101																																							
Adit D1 - Excavation																			102	102	102	102																																					
Adit D1 -Structures																						93	93																																			
Adit D1 - Backfill																							104	104																																		
Interchange Adit - Excavation (Part 2)																							102	102	102																																	
Adit D1 - ELS (Part 2)																								101	101																																	
Adit D1 - Excavation (Part 2)																									102	102	102																															
Interchange Adit -Structure (Part 2)																									93	93	93																															
Interchange Adit - Backfill (Part 2)																											104																															
Adit D1 -Structures (Part 2)																											93	93	93																													
Interchange Adit - ELS (Part 3)																											101	101	101																													
Interchange Adit - Excavation (Part 3)																													102	102	102																											
Interchange Adit - Structure (Part 3)																															93	93	93																									
MOE (near B1) - ELS																																																101	101									
MOE (near B1) - Excavation																																																	102	102								
MOE (near B1) - Structures																																																			93	93	93					
Construction of Retrieval shaft at DIH Interchange/Adit																											86			86						86											86											

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Activities	2012												2013												2014												2015												2016											
	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	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Worksite S13																																																												
Mobilization						107	107																																																						
Site Hoarding / Breaking of Footpath and Road Pavement							104																																																						
Utilities Diversion								99																																																					
Ground Investigation								105	105																																																				
Diaphragm Wall Construction									97	97	97	97																																																	
Jet Grouting													101																																															
Excavation														108	108																																														
Installation of Struts and Waling															98	98																																													
Installation of Raising Pipes																	101																																											
Permanent Underground Structures																					104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104												
Construction of Substructure and Superstructure of EEP																																																	104	104	104	104	104	104	104					
Backfilling and Reinstatement																																																						101					
Worksite S14																																																													
Mobilization						104	104	104																																																					
Site Clearance & Tree Felling						106	106	106																																																					
Pipe Pile Wall Construction									101	101	101	101																																																	
Jet Grouting													101																																															
Excavation														105	105	105	105																																												
Installation of Struts and Waling														98	98	98	98																																												
Permanent Underground Structures																		103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103																									
Backfilling and Reinstatement																																						102	102																						
Woeksite S15																																																													
Mobilization						102	102	102	102																																																				
Pipe piles king posts & grout													107	107	107	107	107	107																																										
Sheets Piles & Utility Supports													107	107	107	107	107	107																																										
Jet & Permeation Grouting														107	107	107	107	107																																										
Excavate & Strut																																																													
Structure - Base (Bay 1)																																																													
Structure - Base (Bay 2)																																																													
Structure - Walls (Bay 1)																																																													
Structure - Roof (Bay 1)																																																													
Structure - Base (Bay 3)																																																													
Structure - Walls (Bay 2)																																																													
Structure - Roof (Bay 2)																																																													
Structure - Walls (Bay 3)																																																													
Structure - Roof (Bay 3)																																																													
Waterproof & Backfill																										102	102	102																																			
Reinstatement																											102	102																																			
Worksite S16																																																													
Traffic Diversions										106	106																																																			
Worksite S17																																																													
Traffic Diversions										106	106																																																		
Worksite S18																													106																																	
Traffic Diversions																														107	107	107																														
Pipe Piles King Posts & Grout																															107	107																													
Jet & Permeation Grouting																																																													
Excavate & Strut																																																													
Structure - Base (Bay 4)																																																													
Structure - Walls (Bay 4)																																																													
Structure - Roof (Bay 4)																																																													
Waterproof & Backfill																																										105	105																			
Reinstatement																																										105	105																		
Worksite S19																																																													
Traffic Diversions																																											106																			
Worksite S20																																																													
Traffic Diversions																																											106																			
Pipe Piles King Posts & Grout																																												107	107	107															
Jet & Permeation Grouting																																													107																
Excavate & Strut																																																													
Structure - Base (Bay 5)																																																													
Structure - Walls (Bay 5)																																																													
Structure - Base (Bay 6)																																																													
Structure - Roof (Bay 5)																																																													
Structure - Walls (Bay 6)																																																													
Structure - Roof (Bay 6)																																																													
Waterproof & Backfill																																																				105										
Reinstatement																																																				105										
Worksite S21																																																													
Mobilization						95	95																																																						
A1 Lift - Pre drilling works																																								99	99																				
A1 Lift - Construct rpe-bored H piles (6 no.)																																									99	99	99																	
A1 Lift - Grouting works																																											99																	
A1 Lift - Sheet pilling works																																												101	101															
A1 Lift - Excavation & ELS																																														103													
A1 Lift - Wall strengthening works																																															102											
A1 Lift - Construct Lift shaft, wall & slab																																																102	102	102								
Worksite S22																																																													
A1 Lift - TTMs																																							101																					
Worksite S23																					113	113	113	113	113					113	113	113	113	113	113	113	113	113	113	113	113	113	113	113	113															
Mobilization and Hoardings																																																													
Worksite S24																					116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116															
Tsz Wan Shan Pedestrian Walkway Package 2 Construction																																																													
Worksite S25																																																													
Site Clearance for reprovision works																																																													
Construction of football pitch,						102	102	102	102	102	102	102	102	102	102	102																																													
Worksite S26																																																														
Construction of building (changing room and toilets)						102	102	102	102	102	102	102	102	102	102	102																																													

Note: Excavate & Strut and Structure at worksites S15, S18 and S20 are under cut and cover tunnel, construction noise impacts are not anticipated.

Project : SCL - Tai Wai to Hung Hom Section

Title : Construction Noise Calculation
Scenario : Mitigated Scenario
Subtitle: DHS + EEP at Wong Tai Sin + C&C + Retrieval Shafts + Work shaft + Tsz Wan Shan Pedestrian Link (Cumulative)

Activities	2012												2013												2014											
	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
Summary of SWLs																																				
Worksite S1	0	0	0	0	0	0	110	110	110	101	108	108	108	109	104	107	105	110	110	109	110	112	111	109	108	105	103	96	93	105	110	111	105	106	103	93
Worksite S2	0	0	0	0	0	0	110	110	110	101	101	0	0	0	0	101	101	0	0	0	0	0	0	107	0	105	105	0	0	0	0	0	0	93	93	93
Worksite S3	0	0	0	0	0	0	110	110	109	0	101	98	0	0	101	103	98	0	0	0	105	105	0	105	105	0	105	106	93	93	98	96	99	98	100	98
Worksite S4	0	0	0	0	0	0	110	110	109	0	0	101	101	101	0	0	101	107	109	105	0	102	102	0	102	103	93	98	96	96	99	98	100	98	98	96
Worksite S5	0	0	0	0	0	0	110	110	109	0	0	0	0	101	101	101	105	108	108	108	105	0	105	105	93	93	96	93	93	93	96	93	93	0	0	0
Worksite S6	0	0	0	0	0	0	110	110	110	104	110	110	110	0	110	110	110	108	108	109	109	103	103	106	103	107	106	106	106	103	107	106	107	106	109	107
Worksite S7	0	0	0	0	0	0	110	110	111	106	110	108	112	110	114	111	112	112	112	116	113	113	114	105	105	105	105	103	103	103	107	106	106	107	106	103
Worksite S8	0	0	0	0	0	0	111	111	111	106	112	112	115	113	113	0	0	0	0	109	109	109	113	111	111	0	0	0	0	0	0	0	0	0	0	0
Worksite S9	0	0	0	0	0	0	111	111	111	104	104	104	109	109	110	107	108	108	108	109	101	0	112	112	113	106	108	103	103	107	106	107	103	103	0	0
Worksite S10	0	0	0	0	0	0	111	111	110	0	0	0	0	0	110	110	110	109	109	112	108	108	108	0	105	105	105	107	103	107	106	106	103	103	107	107
Worksite S11	0	0	0	0	0	0	107	107	107	0	0	0	0	0	108	113	113	113	0	0	108	108	108	108	0	0	0	0	0	0	0	0	108	111	0	108
Worksite S12	0	0	0	0	0	0	105	105	105	0	0	101	101	105	102	103	93	105	107	105	102	103	107	108	107	103	108	102	105	103	103	93	93	93	0	0
Worksite S13	0	0	0	0	0	107	109	106	106	97	97	97	101	108	108	98	101	0	0	0	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104	104
Worksite S14	0	0	0	0	0	108	108	108	101	101	101	101	101	106	106	106	106	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103	103
Woeksite S15	0	0	0	0	0	102	102	102	102	0	0	0	110	112	112	112	112	112	0	0	0	0	0	0	0	0	102	105	105	0	0	0	0	0	0	0
Worksite S16	0	0	0	0	0	0	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	0
Worksite S17	0	0	0	0	0	0	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	0
Worksite S18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	106	107	110	110	0	0	0
Worksite S19	0	0	0	0	0	0	0	0	0	0	0	0	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 S20	0	0	0	0	0	0	0	0	0	0	0	0	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 S21	0	0	0	0	0	95	95	0	0	0	0	0	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 S22	0	0	0	0	0	0	0	0	0	0	0	0	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 S23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	113	113	113	113	113	0	0	0	0	113	113	113	113	113	113	113
Worksite S24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116	116
Worksite S25	0	0	0	0	0	102	102	102	102	102	102	102	102	102	102	102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worksite S26	0	0	0	0	0	102	102	102	102	102	102	102	102	102	102	102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Activities	2015												2016											
	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb	March	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec
Summary of SWLs																								
Worksite S1	96	93	96	98	96	93	93	93	99	98	99	99	105	104	103	102	102	104	104	0	0	0	0	0
Worksite S2	98	96	99	98	98	100	98	100	98	102	100	100	100	99	99	0	0	0	0	0	0	0	0	0
Worksite S3	98	99	96	93	93	0	101	101	101	101	101	101	101	98	98	0	0	0	0	0	0	0	0	0
Worksite S4	96	96	93	93	0	0	0	0	0	98	98	98	98	98	98	0	0	0	0	0	0	0	0	0
Worksite S5	0	0	96	96	105	105	105	105	98	98	98	98	98	98	98	0	0	0	0	0	0	0	0	0
Worksite S6	106	106	0	0	0	0	0	0	98	98	98	98	98	98	98	0	0	0	103	103	0	0	0	0
Worksite S7	103	0	103	103	103	106	103	107	106	108	104	104	106	104	104	103	0	0	0	0	0	0	0	0
Worksite S8	0	0	100	100	100	105	103	107	107	106	106	104	109	110	104	107	103	106	103	103	103	0	0	0
Worksite S9	0	0	108	108	108	109	103	107	106	108	104	104	106	104	104	103	103	0	0	0	0	0	0	0
Worksite S10	106	106	110	109	107	106	0	0	98	98	98	98	98	98	98	0	0	0	0	0	0	0	0	0
Worksite S11	111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worksite S12	0	0	0	0	0	0	0	0	0	86	0	0	101	105	102	93	93	93	0	0	0	0	0	0
Worksite S13	104	104	104	104	104	104	104	104	104	104	104	104	107	104	104	104	104	106	0	0	0	0	0	0
Worksite S14	103	102	102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Woeksite S15	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 S16	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 S17	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 S18	0	0	0	0	0	108	108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worksite S19	0	0	0	0	0	0	106	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worksite S20	0	0	0	0	0	0	106	107	110	107	0	0	0	0	108	0	0	0	0	0	0	0	0	0
Worksite S21	0	0	0	99	99	102	99	102	101	101	103	102	102	102	102	0	0	0	0	0	0	0	0	0
Worksite S22	0	0	0	101	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worksite S23	113	113	113	113	113	113	113	113	113	113	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worksite S24	116	116	116	116	116	116	116	116	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Worksite S25	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 S26	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, dB(A)	Max																																			
DIH-7-1	63	0	0	0	0	0	0	59	59	59	51	58	58	58	0	60	63	63	62	55	56	59	57	57	58	50	54	53	53	53	50	54	53	59	60	56
DIH-14-5	78	0	0	0	0	67	71	71	70	75	75	62	73	75	75	75	75	75	68	70	66	66	68	66	67	64	67	69	68	74	74	77	77	62	65	65
DIH-9-1	70	0	0	0	0	41	70	70	70	64	70	69	70	64	70	70	70	69	68	70	70	67	68	67	64	66	65	64	64	62	67	65	67	67	67	66
DIH-10-1	70	0	0	0	0	41	69	70	70	64	70	70	70	64	70	69	69	68	68	70	69	67	67	66	64	66	65	64	64	62	67	65	66	65	67	66
DIH-11-1	73	0	0	0	0	63	73	72	72	64	69	69	71	69	71	71	71	71	70	71	73	73	73	72	71	68	68	66	66	69	71	71	70	71	69	69
DIH-12-1	70	0	0	0	0	46	68	68	67	58	63	63	66	64	66	65	66	66	65	66	69	69	70	69	69	65	66	65	64	67	68	68	68	68	67	67
DIH-13-1	67	0	0	0	0	0	65	65	66	59	65	65	66	60	66	66	66	66	65	67	66	64	65	62	59	62	60	60	60	58	63	62	63	63	62	62
DIH-14-1	77	0	0	0	0	70	71	71	69	71	71	61	75	77	77	77	77	77	66	67	65	65	66	65	66	64	69	71	70	67	67	69	69	64	64	64
DIH-14-4	69	0	0	0	0	59	69	69	68	64	65	63	67	67	69	68	68	68	66	68	65	64	68	66	67	62	63	63	61	65	64	66	65	62	62	62
DIH-15-1	67	0	0	0	0	64	65	65	61	63	63	56	64	66	67	67	67	66	61	62	60	60	60	58	59	59	61	62	61	63	63	63	59	60	60	59
DIH-15-2	61	0	0	0	0	60	60	60	54	55	56	52	59	61	61	61	61	60	54	54	54	54	54	54	54	54	56	56	56	54	54	54	54	54	54	54
DIH-15-2-A	67	0	0	0	0	66	66	66	62	63	63	58	64	67	67	67	67	66	62	63	62	62	62	61	61	61	62	63	62	63	62	63	62	63	63	61
DIH-5-1	66	0	0	0	0	64	66	63	63	53	53	53	58	65	65	54	58	0	0	0	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64
DIH-12-2	74	0	0	0	0	51	68	68	68	60	65	65	67	65	67	66	66	67	66	67	74	74	74	74	74	69	70	69	69	73	73	73	73	73	73	73
DIH-17-1	66	0	0	0	0	65	66	64	63	54	54	54	59	65	66	55	59	0	0	0	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61	61
DIH-3-4	67	0	0	0	0	65	67	64	64	55	55	55	59	66	66	56	59	0	0	0	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62
KAT-P1-5-A	56	0	0	0	0	56	56	56	49	49	49	49	49	54	54	54	54	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51	51
DIH-14-3	63	0	0	0	0	59	61	61	59	59	59	55	60	62	63	63	62	62	57	59	57	57	57	53	55	55	56	58	57	58	57	59	59	54	56	56

Predicted Construction Noise, dB(A)	2014												2015												2016											
	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
DIH-7-1	60	53	0	0	0	0	0	0	0	45	45	45	45	45	45	0	0	0	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-14-5	63	63	67	66	65	75	78	69	72	69	59	60	61	60	70	57	56	49	52	49	49	49	49	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-9-1	64	55	56	56	58	55	59	58	61	60	60	61	61	60	57	55	52	62	61	48	48	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-10-1	64	55	55	56	58	55	60	58	62	60	61	61	61	60	57	55	52	62	61	49	49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-11-1	70	68	69	70	71	72	71	73	71	71	71	70	71	71	70	63	61	59	62	61	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-12-1	68	67	67	67	68	68	67	68	65	66	60	61	61	61	60	58	57	53	55	54	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-13-1	62	60	65	64	64	66	66	63	64	64	59	61	61	61	63	58	58	51	54	51	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-14-1	64	63	65	62	61	67	69	63	65	63	55	55	56	55	64	51	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-14-4	64	64	66	66	63	64	64	66	63	64	59	61	61	61	63	58	58	51	54	51	51	51	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-15-1	60	59	59	60	62	56	59	56	46	46	46	46	46	46	58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-15-2	54	53	53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-15-2-A	62	61	62	56	55	59	60	55	58	55	46	46	46	46	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-5-1	64	64	64	64	64	64	64	64	61	61	61	61	64	61	61	61	61	61	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-12-2	73	73	73	73	73	73	73	73	71	71	62	62	63	63	62	59	58	55	57	56	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-17-1	61	61	61	61	61	61	61	61	61	61	61	61	64	61	61	61	61	61	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-3-4	62	62	62	62	62	62	62	62	62	62	62	62	65	62	62	62	62	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
KAT-P1-5-A	51	51	51	51	51	51	51	51	51	51	51	51	50	50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
DIH-14-3	58	57	58	57	59	59	54	56	56	54	44	44	44	44	55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0