

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETCW02

No. 739 Oaklands Court

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030		2031		
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																												
Advanced Works - Phase 1 - Contract AWC1																												
Site formation for residential site 5-26																												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																					
Site development for residential site 5-26																												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																					
Advanced Works - Phase 2 - Contract AWC2																												
Site formation for ESS 1																												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																					
Site formation for residential site 4-20, 5-24																												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																					
AWC1-ivf	Site formation for site 4-20	112	1	174.83	-52.8	0	3																					
Site development for residential site 4-20, 5-24																												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																					
AWC1-ivd	Site development for site 4-20	111	1	174.83	-52.8	0	3	62																				
Advanced Works - Phase 3 - Contract AWC3																												
Site formation for residential, G/IC, commercial and industrial development areas																												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																					
Site development for residential, G/IC, commercial and industrial development areas																												
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-36	108																										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																					
Advance Works Stage - Contract AWC4																												
Road P1 and associated works, and other District Distributors																												
AWC1-i	Road P1 - part 1	107	3	63.42	-44.0	5	3																					
AWC1-i	Road P1 - part 2	107	3	285.9	-57.1	5	3	58	58	58																		
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																					
Slip Roads (Connection between Road P1 and KSWH)																												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	27.04	-36.6	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	92.77	-47.3	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																					
STAGE 1																												
Development Stage 1 - Contract S1C1																												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																					
Site formation for Port Back-up and Storage Use site																												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																					
Site development for Port Back-up and Storage Use site																												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ESFW04

No. 716, Chung Uk Tsuen

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030		2031		
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																												
Advanced Works - Phase 1 - Contract AWC1																												
Site formation for residential site 5-26																												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																					
Site development for residential site 5-26																												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																					
Advanced Works - Phase 2 - Contract AWC2																												
Site formation for ESS 1																												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																					
Site formation for residential site 4-20, 5-24																												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																					
Site development for residential site 4-20, 5-24																												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																					
Advanced Works - Phase 3 - Contract AWC3																												
Site formation for residential, G/C, commercial and industrial development areas																												
AWC1-vf	Site formation for Site 4-22	106	4	282	-57.0	6	3																					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	239	-55.5	5	3																					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																					
Site development for residential, G/C, commercial and industrial development areas																												
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-36	108																										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	239	-55.5	3	3		59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59	59
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Site 4-22	108	1	282	-57.0	0	3																					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																					
Advance Works Stage - Contract AWC4																												
Road P1 and associated works, and other District Distributors																												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																					
Slip Roads (Connection between Road P1 and KSWH)																												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																					
STAGE 1																												
Development Stage 1 - Contract S1C1																												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																					
Site formation for Port Back-up and Storage Use site																												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																					
Site development for Port Back-up and Storage Use site																												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ESTC51 Shung Tak Catholic English College

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030		2031		
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																												
Advanced Works - Phase 1 - Contract AWC1																												
Site formation for residential site 5-26																												
AWC1-iii	Site formation for site 5-26	111	1	n/a	--	0	3																					
Site development for residential site 5-26																												
AWC1-iii	Site development for site 5-26	116	1	n/a	--	0	3																					
Advanced Works - Phase 2 - Contract AWC2																												
Site formation for ESS 1																												
AWC1-iv	Site formation for site 5-19	112	1	n/a	--	0	3																					
Site formation for residential site 4-20, 5-24																												
AWC1-iv	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																					
AWC1-iv	Site formation for site 4-20	112	1	n/a	--	0	3																					
Site development for residential site 4-20, 5-24																												
AWC1-iv	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																					
AWC1-iv	Site development for site 4-20	111	1	n/a	--	0	3																					
Advanced Works - Phase 3 - Contract AWC3																												
Site formation for residential, G/C, commercial and industrial development areas																												
AWC1-v	Site formation for Site 4-22	106	4	n/a	--	6	3																					
AWC1-v	Site formation for Site 5-16	106	3	n/a	--	5	3																					
AWC1-v	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																					
AWC1-v	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																					
AWC1-v	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																					
AWC1-v	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	299	-57.5	6	3	59	59	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
AWC1-v	Site formation for Site 5-32	106	1	122	-49.7	0	3																					
AWC1-v	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																					
Site development for residential, G/C, commercial and industrial development areas																												
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-36	108																										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	291	-57.3	0	3																					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																					
Advance Works Stage - Contract AWC4																												
Road P1 and associated works, and other District Distributors																												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																					
Slip Roads (Connection between Road P1 and KSWH)																												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																					
STAGE 1																												
Development Stage 1 - Contract S1C1																												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																					
Site formation for Port Back-up and Storage Use site																												
S1C1-ii	Site formation for site 2-18	117	1	n/a	--	0	3																					
S1C1-ii	Site formation for site 2-19	117	1	n/a	--	0	3																					
S1C1-ii	Site formation for site 3-6	117	1	n/a	--	0	3																					
S1C1-ii	Site formation for site 3-7	117	1	n/a	--	0	3																					
S1C1-ii	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																					
S1C1-ii	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																					
Site development for Port Back-up and Storage Use site																												
S1C1-ii	Site development for site 2-18	118	1	n/a	--	0	3																					
S1C1-ii	Site development for site 2-19	118	1	n/a	--	0	3																					
S1C1-ii	Site development for site 3-6	118	1	n/a	--	0	3																					
S1C1-ii	Site development for site 3-7	118	1	n/a	--	0	3																					
S1C1-ii	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: EUPT02 Flat C, Tower 1, Uptown

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2032		2033				2034				2035				2036				2037				2038			
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS																																	
Advanced Works - Phase 1 - Contract AWC1																																	
	Site formation for residential site 5-26																																
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																										
	Site development for residential site 5-26																																
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																										
Advanced Works - Phase 2 - Contract AWC2																																	
	Site formation for ESS 1																																
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																										
	Site formation for residential site 4-20, 5-24																																
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																										
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																										
	Site development for residential site 4-20, 5-24																																
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																										
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																										
Advanced Works - Phase 3 - Contract AWC3																																	
	Site formation for residential, G/C, commercial and industrial development areas																																
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																										
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																										
AWC1-vf	Site formation for Site 5-32	106	1	104	-48.3	0	3																										
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																										
	Site development for residential, G/C, commercial and industrial development areas																																
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Site 5-36	108																															
	Site development for Site 4-28 and 5-24 (portion 2)																																
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																										
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																										
	Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																																
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																										
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																										
Advance Works Stage - Contract AWC4																																	
	Road P1 and associated works, and other District Distributors																																
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																										
	Slip Roads (Connection between Road P1 and KSWH)																																
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																										
STAGE 1																																	
Development Stage 1 - Contract S1C1																																	
	A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																																
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																										
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																										
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																										
	Site formation for Port Back-up and Storage Use site																																
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																										
	Site development for Port Back-up and Storage Use site																																
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-7	118	1	n/a	--																												

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ELFS01

No. 30 Lau Fau Shan

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030				
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																												
Advanced Works - Phase 1 - Contract AWC1																												
Site formation for residential site 5-26																												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																					
Site development for residential site 5-26																												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																					
Advanced Works - Phase 2 - Contract AWC2																												
Site formation for ESS 1																												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																					
Site formation for residential site 4-20, 5-24																												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																					
Site development for residential site 4-20, 5-24																												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																					
Advanced Works - Phase 3 - Contract AWC3																												
Site formation for residential, G/IC, commercial and industrial development areas																												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																					
Site development for residential, G/IC, commercial and industrial development areas																												
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-36	108																										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																					
Advance Works Stage - Contract AWC4																												
Road P1 and associated works, and other District Distributors																												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																					
Slip Roads (Connection between Road P1 and KSWH)																												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																					
STAGE 1																												
Development Stage 1 - Contract S1C1																												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																					
Site formation for Port Back-up and Storage Use site																												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																					
Site development for Port Back-up and Storage Use site																												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ELFS02

No. 3H, San Hing Tsuen

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030			
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS																											
Advanced Works - Phase 1 - Contract AWC1																											
Site formation for residential site 5-26																											
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																				
Site development for residential site 5-26																											
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																				
Advanced Works - Phase 2 - Contract AWC2																											
Site formation for ESS 1																											
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																				
Site formation for residential site 4-20, 5-24																											
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																				
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																				
Site development for residential site 4-20, 5-24																											
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																				
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																				
Advanced Works - Phase 3 - Contract AWC3																											
Site formation for residential, G/C, commercial and industrial development areas																											
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																				
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																				
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																				
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																				
Site development for residential, G/C, commercial and industrial development areas																											
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Site 5-36	108																									
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																				
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																				
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																				
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																											
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																				
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																				
Advance Works Stage - Contract AWC4																											
Road P1 and associated works, and other District Distributors																											
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																				
Slip Roads (Connection between Road P1 and KSWH)																											
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																				
STAGE 1																											
Development Stage 1 - Contract S1C1																											
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																											
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																				
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																				
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																				
Site formation for Port Back-up and Storage Use site																											
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																				
Site development for Port Back-up and Storage Use site																											
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																				

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ELFS02

No. 3H, San Hing Tsuen

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	31	2032				2033				2034				2035				2036				2037		
									Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																															
Advanced Works - Phase 1 - Contract AWC1																															
Site formation for residential site 5-26																															
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																								
Site development for residential site 5-26																															
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																								
Advanced Works - Phase 2 - Contract AWC2																															
Site formation for ESS 1																															
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																								
Site formation for residential site 4-20, 5-24																															
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																								
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																								
Site development for residential site 4-20, 5-24																															
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																								
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																								
Advanced Works - Phase 3 - Contract AWC3																															
Site formation for residential, G/IC, commercial and industrial development areas																															
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																								
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																								
Site development for residential, G/IC, commercial and industrial development areas																															
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-36	108																													
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																								
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																															
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																								
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																								
Advance Works Stage - Contract AWC4																															
Road P1 and associated works, and other District Distributors																															
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																								
Slip Roads (Connection between Road P1 and KSWH)																															
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																								
STAGE 1																															
Development Stage 1 - Contract S1C1																															
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																															
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use site																															
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																								
Site development for Port Back-up and Storage Use site																															
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																								

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ELFS02

No. 3H, San Hing Tsuen

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2038				
								Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS												
Advanced Works - Phase 1 - Contract AWC1												
Site formation for residential site 5-26												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3					
Site development for residential site 5-26												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3					
Advanced Works - Phase 2 - Contract AWC2												
Site formation for ESS 1												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3					
Site formation for residential site 4-20, 5-24												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3					
Site development for residential site 4-20, 5-24												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3					
Advanced Works - Phase 3 - Contract AWC3												
Site formation for residential, G/C, commercial and industrial development areas												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3					
Site development for residential, G/C, commercial and industrial development areas												
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-36	108										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3					
Advance Works Stage - Contract AWC4												
Road P1 and associated works, and other District Distributors												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3					
Slip Roads (Connection between Road P1 and KSWH)												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3					
STAGE 1												
Development Stage 1 - Contract S1C1												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3					
Site formation for Port Back-up and Storage Use site												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3					
Site development for Port Back-up and Storage Use site												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ELFS03

No. 310 Sha Kong Wai

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030				
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																												
Advanced Works - Phase 1 - Contract AWC1																												
Site formation for residential site 5-26																												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																					
Site development for residential site 5-26																												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																					
Advanced Works - Phase 2 - Contract AWC2																												
Site formation for ESS 1																												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																					
Site formation for residential site 4-20, 5-24																												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																					
Site development for residential site 4-20, 5-24																												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																					
Advanced Works - Phase 3 - Contract AWC3																												
Site formation for residential, G/IC, commercial and industrial development areas																												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																					
Site development for residential, G/IC, commercial and industrial development areas																												
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-36	108																										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																					
Advance Works Stage - Contract AWC4																												
Road P1 and associated works, and other District Distributors																												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																					
Slip Roads (Connection between Road P1 and KSWH)																												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																					
STAGE 1																												
Development Stage 1 - Contract S1C1																												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																					
Site formation for Port Back-up and Storage Use site																												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																					
Site development for Port Back-up and Storage Use site																												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ELFS03

No. 310 Sha Kong Wai

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2038				
								Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS												
Advanced Works - Phase 1 - Contract AWC1												
	Site formation for residential site 5-26											
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3					
	Site development for residential site 5-26											
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3					
Advanced Works - Phase 2 - Contract AWC2												
	Site formation for ESS 1											
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3					
	Site formation for residential site 4-20, 5-24											
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3					
	Site development for residential site 4-20, 5-24											
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3					
Advanced Works - Phase 3 - Contract AWC3												
	Site formation for residential, G/C, commercial and industrial development areas											
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3					
	Site development for residential, G/C, commercial and industrial development areas											
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-36	108										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3					
	Two new sewage pumping stations SPS1 and SPS2 and associated rising mains											
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3					
Advance Works Stage - Contract AWC4												
	Road P1 and associated works, and other District Distributors											
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3					
	Slip Roads (Connection between Road P1 and KSWH)											
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3					
STAGE 1												
Development Stage 1 - Contract S1C1												
	A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH											
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3					
	Site formation for Port Back-up and Storage Use site											
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3					
	Site development for Port Back-up and Storage Use site											
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ELFS04 Wing Jan School/Wing Jan Lutheran Church

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030				
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																												
Advanced Works - Phase 1 - Contract AWC1																												
Site formation for residential site 5-26																												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																					
Site development for residential site 5-26																												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																					
Advanced Works - Phase 2 - Contract AWC2																												
Site formation for ESS 1																												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																					
Site formation for residential site 4-20, 5-24																												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																					
Site development for residential site 4-20, 5-24																												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																					
Advanced Works - Phase 3 - Contract AWC3																												
Site formation for residential, G/IC, commercial and industrial development areas																												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																					
Site development for residential, G/IC, commercial and industrial development areas																												
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-36	108																										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																					
Advance Works Stage - Contract AWC4																												
Road P1 and associated works, and other District Distributors																												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																					
Slip Roads (Connection between Road P1 and KSWH)																												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																					
STAGE 1																												
Development Stage 1 - Contract S1C1																												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																					
Site formation for Port Back-up and Storage Use site																												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																					
Site development for Port Back-up and Storage Use site																												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ELFS04 Wing Jan School/Wing Jan Lutheran Church

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	31	2032				2033				2034				2035				2036				2037		
									Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																															
Advanced Works - Phase 1 - Contract AWC1																															
	Site formation for residential site 5-26																														
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																								
	Site development for residential site 5-26																														
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																								
Advanced Works - Phase 2 - Contract AWC2																															
	Site formation for ESS 1																														
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																								
	Site formation for residential site 4-20, 5-24																														
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																								
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																								
	Site development for residential site 4-20, 5-24																														
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																								
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																								
Advanced Works - Phase 3 - Contract AWC3																															
	Site formation for residential, G/C, commercial and industrial development areas																														
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																								
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																								
	Site development for residential, G/C, commercial and industrial development areas																														
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-36	108																													
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																								
	Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																														
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																								
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																								
Advance Works Stage - Contract AWC4																															
	Road P1 and associated works, and other District Distributors																														
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																								
	Slip Roads (Connection between Road P1 and KSWH)																														
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																								
STAGE 1																															
Development Stage 1 - Contract S1C1																															
	A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																														
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																								
	Site formation for Port Back-up and Storage Use site																														
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																								
	Site development for Port Back-up and Storage Use site																														
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-8 - part 1	118	1																												

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ELFS04 Wing Jan School/Wing Jan Lutheran Church

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2038				
								Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS												
Advanced Works - Phase 1 - Contract AWC1												
	Site formation for residential site 5-26											
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3					
	Site development for residential site 5-26											
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3					
Advanced Works - Phase 2 - Contract AWC2												
	Site formation for ESS 1											
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3					
	Site formation for residential site 4-20, 5-24											
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3					
	Site development for residential site 4-20, 5-24											
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3					
Advanced Works - Phase 3 - Contract AWC3												
	Site formation for residential, G/C, commercial and industrial development areas											
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3					
	Site development for residential, G/C, commercial and industrial development areas											
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-36	108										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3					
	Two new sewage pumping stations SPS1 and SPS2 and associated rising mains											
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3					
Advance Works Stage - Contract AWC4												
	Road P1 and associated works, and other District Distributors											
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3					
	Slip Roads (Connection between Road P1 and KSWH)											
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3					
STAGE 1												
Development Stage 1 - Contract S1C1												
	A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH											
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3					
	Site formation for Port Back-up and Storage Use site											
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3					
	Site development for Port Back-up and Storage Use site											
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ELFS04 Wing Jan School/Wing Jan Lutheran Church

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	Year																											
								2032				2033				2034				2035				2036				2037							
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
S1C1-ii	Site development for site 3-8 - part 2	118	1	n/a	--	0	3																												
STAGE 2																																			
Development Stage 2 - Contract S2C1																																			
District Distributor Road D6, D7 and D8, and local roads																																			
S2C1-i	Road D6 - part 1	106	4	n/a	--	6	3																												
S2C1-i	Road D6 - part 2	106	4	n/a	--	6	3																												
S2C1-i	Road D7 and Road D8 - part 1	106	1	n/a	--	0	3																												
S2C1-i	Road D8 - part 2	106	2	n/a	--	3	3																												
S2C1-i	Road D8 - part 3	106	1	n/a	--	0	3																												
S2C1-i	Road D6 - Underpass	106	2	n/a	--	3	3																												
S2C1-ii	A new Sewage Pumping Station SPS 3 and associated rising main from SPS3 to SPS2 SPS3 at site 3-41 and associated rising mains	117	1	n/a	--	0	3																												
Site formation and development for Fresh Water Service Reservoir																																			
S2C1-iii	Site formation and development for Fresh Water Service Reservoir	131	1	n/a	--	0	3																												
Site formation for residential & commercial developments, G/IC and Open Space areas																																			
S2C1-vf	Site formation for sites 4-1, 4-2, 4-3, 4-4 and 4-5	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-6, 4-7, 4-8, 4-9, 4-10 and 4-23	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for site 4-11	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-12a, 4-12b, 4-12c, 4-13a and 4-13b	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-19 and associated area	107	1	n/a	--	0	3																												
S2C1-vf	Site formation for sites 4-15, 4-16, 4-17, 4-12d, 4-21, 4-37 and associated area	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-31, 4-32, 4-33 and 4-36	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-24, 4-25a, 4-25b, 4-25c, 4-26, 4-29, 4-14 and 4-34	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for site 3-52	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for site 3-51	107	4	n/a	--	6	3																												
Site development for residential & commercial developments, G/IC and Open Space areas																																			
S2C1-vd	Site development for 4-1, 4-2,4-3,4-6, 4-7,4-8,4-11,4-15	108	2	n/a	--	3	3																												
S2C1-vd	Site development for 4-19,4-36,4-33,4-31,4-32,4-21,4-24	108	2	n/a	--	3	3																												
Site formation for a new District Cooling System																																			
S2C1-vif	Site formation for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																												
Site development for a new District Cooling System																																			
S2C1-vid	Site development for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																												
Development Stage 2 - Contract S2C2																																			
District Distributor Road D1, a section of Road D3 and local roads																																			
S2C2-i	Road D3	114	2	n/a	--	3	3																												
S2C2-i	Road D1	114	2	n/a	--	3	3																												
S2C2-i	Local Roads connecting to Road D1	114	2	n/a	--	3	3																												
S2C2-i	Road D3 - Underpass	114	1	n/a	--	0	3																												
Site formation for a new HSK STW																																			
S2C2-ii	Site formation for 3-26 part 1	117	1	n/a	--	0	3																												
S2C2-ii	Site formation for 3-26 part 2	117	1	n/a	--	0	3																												
Site development for a new HSK STW																																			
S2C2-ii	Site development for 3-26	117	1	n/a	--	0	3																												
A new Sewage Pumping Station SPS4 and associated rising mains																																			
S2C2-iii	SPS 4 at site 2-34	117	1	n/a	--	0	3																												
Associated rising mains																																			
A new TSE reservoirs and associated pumping stations and rising mains																																			
S2C2-iv	site 5-40	131	1	n/a	--	0	3																												
Site formation for Port Back-up and Storage Use sites, Refuse Transfer Station																																			
S2C2-vf	Sites 3-14, 3-18 and 3-19	111	4	n/a	--	6	3																												
S2C2-vf	Sites 3-9, 3-11, 3-12 and 3-13	111	4	n/a	--	6	3																												
S2C2-vf	Sites 3-4 (part 1) and 3-5	111	4	n/a	--	6	3																												
S2C2-vf	Sites 3-1 and 3-4 (part 2)	111	4	n/a	--	6	3																												
Site development for Port Back-up and Storage Use sites, Refuse Transfer Station sites 3-9 and 3-4																																			
S2C2-vd	site 3-4	112	1	n/a	--	0	3																												
S2C2-vd	site 3-9	112	1	n/a	--	0	3																												
S2C2-vd	sites 3-13 and 3-14	112	2	n/a	--	3	3																												
S2C2-vd	sites 3-11 and 3-12	112	2	n/a	--	3	3																												
sites 3-18 and 3-5																																			
S2C2-vd	site 3-18	112	1	n/a	--	0	3																												
S2C2-vd	site 3-5	112	1	n/a	--	0	3																												
S2C2-vd	site 3-1	112	2	n/a	--	3	3																												
STAGE 3																																			
District Distributor Road D1, D4 and Ping Ha Road (Road D2) widening																																			
S3C1-i	Road D2 - part 1	106	3	n/a	--	5	3																												
S3C1-i	Road D2 - part 2	106	1	n/a	--	0	3																												
S3C1-i	Road D2 - part 3	106	1	n/a	--	0	3																												
S3C1-i	Road D4	106	3	n/a	--	5	3																												
S3C1-i	Road D1 - part 1	106	3	n/a	--	5	3																												
S3C1-i	Road D1 - part 2	106	3	n/a	--	5	3																												
S3C1-i	Roads connecting to Fung Kong Tsuen	106	3	n/a	--	5	3																												
S3C1-i	Roads serving hospital	106	3	n/a	--	5	3																												
S3C1-i	Road D4 - Underpass	106	1	n/a	--	0	3																												
S3C1-i	Road D2 - Underpass	106	1	n/a	--	0	3																												
Site formation for residential, commercial and G/IC sites																																			

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ELFS04 Wing Jan School/Wing Jan Lutheran Church

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	Year																											
								2032				2033				2034				2035				2036				2037							
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
S3C1-ii	Sites 1-19, 1-20, 1-21 and 1-22	109	5	n/a	--	7	3																												
S3C1-ii	Sites 1-12, 1-15, 1-17 and 1-18	109	5	n/a	--	7	3																												
S3C1-ii	Sites 2-28, 2-29, 2-30, 2-31 and 2-33	109	5	n/a	--	7	3																												
S3C1-ii	Sites 1-1, 1-3, 2-21, 2-22, 2-23, 2-24, 2-25, 2-26 and 2-17	109	5	n/a	--	7	3																												
S3C1-ii	Sites 5-4, 5-7a, 5-7b, 5-8 and 5-9	109	4	n/a	--	6	3																												
S3C1-ii	Sites 5-11, 5-13, 5-14 and 5-42	109	6	n/a	--	8	3																												
Site development for residential, commercial and G/C sites																																			
S3C1-ii	S1 (Site No. 2-28, 2-33, 1-15, 1-19, 1-20, 1-22)	109	2	n/a	--	3	3																												
S3C1-ii	S2 (Site No. 2-22, 2-21, 2-24, 2-26, 2-27, 2-29)	109	6	n/a	--	8	3																												
S3C1-ii	S3 (Site No. 1-1, 1-3, 2-25, 5-11, 5-14, 5-13, 2-31)	109	6	n/a	--	8	3																												
Development Stage 3 - Contract S3C2																																			
District Distributor Road D3 and D5																																			
S3C2-i	Road D3	105	4	n/a	--	6	3																												
S3C2-i	Road D5	105	1	n/a	--	0	3																												
S3C2-i	Road D3 - Underpass	105	1	n/a	--	0	3																												
Slip roads connecting KSWH and Road D3																																			
S3C2-ii	Slip roads - part 1	114	3	n/a	--	5	3																												
S3C2-ii	Slip roads - part 2	114	3	n/a	--	5	3																												
A new TSE reservoirs and associated pumping stations and rising mains																																			
S3C2-iii	A new TSE reservoirs at site 3-3 and associated pumping stations and rising mains	131	1	n/a	--	0	3																												
Site formation for Logistics and Enterprise & Technology Park sites																																			
S3C2-iv	Site formation for sites 3-15, 3-16, 3-20, 3-21, 3-22 and 3-23	104	8	n/a	--	9	3																												
S3C2-iv	Site formation for sites 3-24, 3-25, 3-27, 3-28, 3-29, 3-31	104	8	n/a	--	9	3																												
S3C2-iv	Site formation for sites 3-32, 3-33, 3-34, 3-36, 3-37, 3-39, 3-40, 3-42	104	8	n/a	--	9	3																												
Site development for Logistics and Enterprise & Technology Park sites																																			
S3C2-iv	Sites 3-24, 3-31 and 3-34	108	1	n/a	--	0	3																												
S3C2-iv	Sites 3-36 and 3-37	108	6	n/a	--	8	3																												
S3C2-iv	Sites 3-22 and 3-23	108	6	n/a	--	8	3																												
Development Stage 3 - Contract S3C3																																			
Local Roads serving district open space																																			
S3C3-i	Local roads serving Site 1-27	103	1	n/a	--	0	3																												
S3C3-i	Local roads serving Site 1-29	103	1	n/a	--	0	3																												
Re-vitalization of existing Tim Sam Channel and Hung Shui Kiu Channel																																			
S3C3-ii	Tim Sam Channel	105	3	n/a	--	5	3																												
S3C3-ii	Hung Shui Kiu Channel	105	1	n/a	--	0	3																												
Polder schemes with water storage tanks (for mitigation of flooding risk) and Open Space Areas																																			
S3C3-iii	Tanks under Sites 1-27 (portion 1) , 1-32 , 2-32 (porion 1) and 5-43	111	1	n/a	--	0	3																												
Site formation for G/C sites																																			
S3C3-iv	Site 1-28, 5-34 and 2-32 (portion 2)	107	2	n/a	--	3	3																												
S3C3-iv	Site 1-27 (portion 2), 1-29, 1-31, 1-30	107	2	n/a	--	3	3																												
Site development for G/C sites																																			
S3C3-iv	Site 1-28, 5-34 and 2-32 (portion 2)	109	1	n/a	--	0	3																												
S3C3-iv	Site 1-27 (portion 2), 1-29, 1-31, 1-30	109	2	n/a	--	3	3																												
STAGE 4																																			
Development Stage 4 - Contract S4C1																																			
Removal of existing Tin Ying Road																																			
S4C1-i	Tin Ying Road - part 1	106	3	n/a	--	5	3																												
S4C1-i	Tin Ying Road - part 2	106	3	n/a	--	5	3																												
S4C1-i	Tin Ying Road - part 3	106	1	n/a	--	0	3																												
Drainage Channel Re-vitalization																																			
S4C1-ii	Channel Re-vitalization - part 1	105	1	n/a	--	0	3																												
S4C1-ii	Channel Re-vitalization - part 2	105	4	n/a	--	6	3																												
Stormwater Storage Tank near Tin Shui Wai Channel																																			
S4C1-iii	Site 2-13	111	1	n/a	--	0	3																												
Local roads serving development sites																																			
S4C1-iv	Local roads serving area near Lau Fau Shan	110	1	215, 15	-54.6	0	3	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58						
S4C1-iv	Local roads serving area near Tin Shui Wai Channel	110	1	n/a	--	0	3																												
Site formation for a new District Cooling System																																			
S4C1-vf	Site formation for a new District Cooling System at site 1-24	109	1	n/a	--	0	3																												
Site development for a new District Cooling System																																			
S4C1-vd	Site development for a new District Cooling System at site 1-24	108	1	n/a	--	0	3																												
Site formation for residential, G/C, commercial and Open Space Areas																																			
S4C1-vif	Sites 2-1, 2-2, 2-3, 2-4, 2-5, 2-7 and 2-35	107	2	90,35	-47.1	3	3	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66						
S4C1-vif	Sites 2-6, 2-8, 2-9, 2-10, 2-14, 2-15, 2-16 and 2-17	107	2	n/a	--	3	3																												
S4C1-vif	Sites 2-11 and 2-12	107	2	n/a	--	3	3																												
S4C1-vif	Sites 1-2, 1-4, 1-5, 1-6 and 1-7	107	3	n/a	--	5	3																												
S4C1-vif	Sites 1-8, 1-9, 1-10, 1-11, 1-13, 1-14 and 1-16	107	2	n/a	--	3	3																												
Site development for residential, G/C, commercial and Open Space Areas																																			
S4C1-vid	Sites 2-9 and 2-15	111	1	n/a	--	0	3																												
S4C1-vid	Sites 2-5, 2-6, 2-8, 2-12 and 2-16	111	1	n/a	--	0	3																												
S4C1-vid	Sites 1-2	111	1	n/a	--	0																													

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ELFS05 No. 1, Lau Fau Shan Road

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030				
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2			
ADVANCED WORKS																												
Advanced Works - Phase 1 - Contract AWC1																												
Site formation for residential site 5-26																												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																					
Site development for residential site 5-26																												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																					
Advanced Works - Phase 2 - Contract AWC2																												
Site formation for ESS 1																												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																					
Site formation for residential site 4-20, 5-24																												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																					
Site development for residential site 4-20, 5-24																												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																					
Advanced Works - Phase 3 - Contract AWC3																												
Site formation for residential, G/C, commercial and industrial development areas																												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																					
Site development for residential, G/C, commercial and industrial development areas																												
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-36	108																										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																					
Advance Works Stage - Contract AWC4																												
Road P1 and associated works, and other District Distributors																												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																					
Slip Roads (Connection between Road P1 and KSWH)																												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																					
STAGE 1																												
Development Stage 1 - Contract S1C1																												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																					
Site formation for Port Back-up and Storage Use site																												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																					
Site development for Port Back-up and Storage Use site																												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ELFS05

No. 1, Lau Fau Shan Road

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2038				
								Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS												
Advanced Works - Phase 1 - Contract AWC1												
Site formation for residential site 5-26												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3					
Site development for residential site 5-26												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3					
Advanced Works - Phase 2 - Contract AWC2												
Site formation for ESS 1												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3					
Site formation for residential site 4-20, 5-24												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3					
Site development for residential site 4-20, 5-24												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3					
Advanced Works - Phase 3 - Contract AWC3												
Site formation for residential, G/C, commercial and industrial development areas												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3					
Site development for residential, G/C, commercial and industrial development areas												
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-36	108										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3					
Advance Works Stage - Contract AWC4												
Road P1 and associated works, and other District Distributors												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3					
Slip Roads (Connection between Road P1 and KSWH)												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3					
STAGE 1												
Development Stage 1 - Contract S1C1												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3					
Site formation for Port Back-up and Storage Use site												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3					
Site development for Port Back-up and Storage Use site												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW01 Wah Yat House, Tin Wah Estate

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030			
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
ADVANCED WORKS																											
Advanced Works - Phase 1 - Contract AWC1																											
Site formation for residential site 5-26																											
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																				
Site development for residential site 5-26																											
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																				
Advanced Works - Phase 2 - Contract AWC2																											
Site formation for ESS 1																											
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																				
Site formation for residential site 4-20, 5-24																											
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																				
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																				
Site development for residential site 4-20, 5-24																											
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																				
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																				
Advanced Works - Phase 3 - Contract AWC3																											
Site formation for residential, G/IC, commercial and industrial development areas																											
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																				
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																				
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																				
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																				
Site development for residential, G/IC, commercial and industrial development areas																											
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Site 5-36	108																									
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																				
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																				
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																				
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																											
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																				
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																				
Advance Works Stage - Contract AWC4																											
Road P1 and associated works, and other District Distributors																											
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																				
Slip Roads (Connection between Road P1 and KSWH)																											
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																				
STAGE 1																											
Development Stage 1 - Contract S1C1																											
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																											
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																				
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																				
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																				
Site formation for Port Back-up and Storage Use site																											
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																				
Site development for Port Back-up and Storage Use site																											
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																				

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW01

Wah Yat House, Tin Wah Estate

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	31	2032				2033				2034				2035				2036				2037		
									Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																															
Advanced Works - Phase 1 - Contract AWC1																															
Site formation for residential site 5-26																															
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																								
Site development for residential site 5-26																															
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																								
Advanced Works - Phase 2 - Contract AWC2																															
Site formation for ESS 1																															
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																								
Site formation for residential site 4-20, 5-24																															
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																								
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																								
Site development for residential site 4-20, 5-24																															
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																								
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																								
Advanced Works - Phase 3 - Contract AWC3																															
Site formation for residential, G/IC, commercial and industrial development areas																															
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																								
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																								
Site development for residential, G/IC, commercial and industrial development areas																															
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-36	108																													
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																								
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																															
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																								
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																								
Advance Works Stage - Contract AWC4																															
Road P1 and associated works, and other District Distributors																															
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																								
Slip Roads (Connection between Road P1 and KSWH)																															
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																								
STAGE 1																															
Development Stage 1 - Contract S1C1																															
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																															
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use site																															
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																								
Site development for Port Back-up and Storage Use site																															
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																								

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW01

Wah Yat House, Tin Wah Estate

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2038				
								Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS												
Advanced Works - Phase 1 - Contract AWC1												
	Site formation for residential site 5-26											
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3					
	Site development for residential site 5-26											
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3					
Advanced Works - Phase 2 - Contract AWC2												
	Site formation for ESS 1											
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3					
	Site formation for residential site 4-20, 5-24											
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3					
	Site development for residential site 4-20, 5-24											
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3					
Advanced Works - Phase 3 - Contract AWC3												
	Site formation for residential, G/C, commercial and industrial development areas											
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3					
	Site development for residential, G/C, commercial and industrial development areas											
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-36	108										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3					
	Two new sewage pumping stations SPS1 and SPS2 and associated rising mains											
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3					
Advance Works Stage - Contract AWC4												
	Road P1 and associated works, and other District Distributors											
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3					
	Slip Roads (Connection between Road P1 and KSWH)											
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3					
STAGE 1												
Development Stage 1 - Contract S1C1												
	A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH											
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3					
	Site formation for Port Back-up and Storage Use site											
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3					
	Site development for Port Back-up and Storage Use site											
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW02 Cantas Lok Kan School

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030			
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS																											
Advanced Works - Phase 1 - Contract AWC1																											
Site formation for residential site 5-26																											
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																				
Site development for residential site 5-26																											
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																				
Advanced Works - Phase 2 - Contract AWC2																											
Site formation for ESS 1																											
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																				
Site formation for residential site 4-20, 5-24																											
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																				
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																				
Site development for residential site 4-20, 5-24																											
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																				
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																				
Advanced Works - Phase 3 - Contract AWC3																											
Site formation for residential, G/IC, commercial and industrial development areas																											
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																				
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																				
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																				
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																				
Site development for residential, G/IC, commercial and industrial development areas																											
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Site 5-36	108																									
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																				
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																				
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																				
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																											
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																				
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																				
Advance Works Stage - Contract AWC4																											
Road P1 and associated works, and other District Distributors																											
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																				
Slip Roads (Connection between Road P1 and KSWH)																											
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																				
STAGE 1																											
Development Stage 1 - Contract S1C1																											
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																											
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																				
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																				
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																				
Site formation for Port Back-up and Storage Use site																											
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																				
Site development for Port Back-up and Storage Use site																											
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																				

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW02 Cantas Lok Kan School

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	31	2032				2033				2034				2035				2036				2037		
									Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																															
Advanced Works - Phase 1 - Contract AWC1																															
Site formation for residential site 5-26																															
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																								
Site development for residential site 5-26																															
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																								
Advanced Works - Phase 2 - Contract AWC2																															
Site formation for ESS 1																															
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																								
Site formation for residential site 4-20, 5-24																															
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																								
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																								
Site development for residential site 4-20, 5-24																															
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																								
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																								
Advanced Works - Phase 3 - Contract AWC3																															
Site formation for residential, G/IC, commercial and industrial development areas																															
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																								
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																								
Site development for residential, G/IC, commercial and industrial development areas																															
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-36	108																													
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																								
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																															
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																								
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																								
Advance Works Stage - Contract AWC4																															
Road P1 and associated works, and other District Distributors																															
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																								
Slip Roads (Connection between Road P1 and KSWH)																															
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																								
STAGE 1																															
Development Stage 1 - Contract S1C1																															
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																															
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use site																															
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																								
Site development for Port Back-up and Storage Use site																															
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																								

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW02

Cantas Lok Kan School

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2038				
								Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS												
Advanced Works - Phase 1 - Contract AWC1												
Site formation for residential site 5-26												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3					
Site development for residential site 5-26												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3					
Advanced Works - Phase 2 - Contract AWC2												
Site formation for ESS 1												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3					
Site formation for residential site 4-20, 5-24												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3					
Site development for residential site 4-20, 5-24												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3					
Advanced Works - Phase 3 - Contract AWC3												
Site formation for residential, G/C, commercial and industrial development areas												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3					
Site development for residential, G/C, commercial and industrial development areas												
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-36	108										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3					
Advance Works Stage - Contract AWC4												
Road P1 and associated works, and other District Distributors												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3					
Slip Roads (Connection between Road P1 and KSWH)												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3					
STAGE 1												
Development Stage 1 - Contract S1C1												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3					
Site formation for Port Back-up and Storage Use site												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3					
Site development for Port Back-up and Storage Use site												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW03 Shui Lung House, Tin Shui Estate

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030			
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
ADVANCED WORKS																											
Advanced Works - Phase 1 - Contract AWC1																											
	Site formation for residential site 5-26																										
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																				
	Site development for residential site 5-26																										
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																				
Advanced Works - Phase 2 - Contract AWC2																											
	Site formation for ESS 1																										
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																				
	Site formation for residential site 4-20, 5-24																										
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																				
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																				
	Site development for residential site 4-20, 5-24																										
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																				
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																				
Advanced Works - Phase 3 - Contract AWC3																											
	Site formation for residential, G/IC, commercial and industrial development areas																										
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																				
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																				
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																				
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																				
	Site development for residential, G/IC, commercial and industrial development areas																										
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Site 5-36	108																									
	Site development for Site 4-28 and 5-24 (portion 2)																										
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																				
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																				
	Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																										
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																				
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																				
Advance Works Stage - Contract AWC4																											
	Road P1 and associated works, and other District Distributors																										
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																				
	Slip Roads (Connection between Road P1 and KSWH)																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																				
STAGE 1																											
Development Stage 1 - Contract S1C1																											
	A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																										
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																				
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																				
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																				
	Site formation for Port Back-up and Storage Use site																										
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																				
	Site development for Port Back-up and Storage Use site																										
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																				

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW03 Shui Lung House, Tin Shui Estate

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	31	2032				2033				2034				2035				2036				2037		
									Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																															
Advanced Works - Phase 1 - Contract AWC1																															
	Site formation for residential site 5-26																														
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																								
	Site development for residential site 5-26																														
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																								
Advanced Works - Phase 2 - Contract AWC2																															
	Site formation for ESS 1																														
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																								
	Site formation for residential site 4-20, 5-24																														
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																								
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																								
	Site development for residential site 4-20, 5-24																														
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																								
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																								
Advanced Works - Phase 3 - Contract AWC3																															
	Site formation for residential, G/C, commercial and industrial development areas																														
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																								
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																								
	Site development for residential, G/C, commercial and industrial development areas																														
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-36	108																													
	Site development for Site 4-28 and 5-24 (portion 2)																														
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																								
	Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																														
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																								
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																								
Advance Works Stage - Contract AWC4																															
	Road P1 and associated works, and other District Distributors																														
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																								
	Slip Roads (Connection between Road P1 and KSWH)																														
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																								
STAGE 1																															
Development Stage 1 - Contract S1C1																															
	A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																														
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																								
	Site formation for Port Back-up and Storage Use site																														
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																								
	Site development for Port Back-up and Storage Use site																														
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																								

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW03

Shui Lung House, Tin Shui Estate

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2038				
								Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS												
Advanced Works - Phase 1 - Contract AWC1												
Site formation for residential site 5-26												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3					
Site development for residential site 5-26												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3					
Advanced Works - Phase 2 - Contract AWC2												
Site formation for ESS 1												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3					
Site formation for residential site 4-20, 5-24												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3					
Site development for residential site 4-20, 5-24												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3					
Advanced Works - Phase 3 - Contract AWC3												
Site formation for residential, G/C, commercial and industrial development areas												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3					
Site development for residential, G/C, commercial and industrial development areas												
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-36	108										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3					
Advance Works Stage - Contract AWC4												
Road P1 and associated works, and other District Distributors												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3					
Slip Roads (Connection between Road P1 and KSWH)												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3					
STAGE 1												
Development Stage 1 - Contract S1C1												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3					
Site formation for Port Back-up and Storage Use site												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3					
Site development for Port Back-up and Storage Use site												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW03 Shui Lung House, Tin Shui Estate

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	Year																											
								2032				2033				2034				2035				2036				2037							
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
S1C1-ii	Site development for site 3-8 - part 2	118	1	n/a	--	0	3																												
STAGE 2																																			
Development Stage 2 - Contract S2C1																																			
District Distributor Road D6, D7 and D8, and local roads																																			
S2C1-i	Road D6 - part 1	106	4	n/a	--	6	3																												
S2C1-i	Road D6 - part 2	106	4	n/a	--	6	3																												
S2C1-i	Road D7 and Road D8 - part 1	106	1	n/a	--	0	3																												
S2C1-i	Road D8 - part 2	106	2	n/a	--	3	3																												
S2C1-i	Road D8 - part 3	106	1	n/a	--	0	3																												
S2C1-i	Road D6 - Underpass	106	2	n/a	--	3	3																												
S2C1-ii	A new Sewage Pumping Station SPS 3 and associated rising main from SPS3 to SPS2 SPS3 at site 3-41 and associated rising mains	117	1	n/a	--	0	3																												
Site formation and development for Fresh Water Service Reservoir																																			
S2C1-iii	Site formation and development for Fresh Water Service Reservoir	131	1	n/a	--	0	3																												
Site formation for residential & commercial developments, G/IC and Open Space areas																																			
S2C1-vf	Site formation for sites 4-1, 4-2, 4-3, 4-4 and 4-5	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-6, 4-7, 4-8, 4-9, 4-10 and 4-23	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for site 4-11	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-12a, 4-12b, 4-12c, 4-13a and 4-13b	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-19 and associated area	107	1	n/a	--	0	3																												
S2C1-vf	Site formation for sites 4-15, 4-16, 4-17, 4-12d, 4-21, 4-37 and associated area	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-31, 4-32, 4-33 and 4-36	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-24, 4-25a, 4-25b, 4-25c, 4-26, 4-29, 4-14 and 4-34	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for site 3-52	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for site 3-51	107	4	n/a	--	6	3																												
Site development for residential & commercial developments, G/IC and Open Space areas																																			
S2C1-vd	Site development for 4-1, 4-2,4-3,4-6, 4-7,4-8,4-11,4-15	108	2	n/a	--	3	3																												
S2C1-vd	Site development for 4-19,4-36,4-33,4-31,4-32,4-21,4-24	108	2	n/a	--	3	3																												
Site formation for a new District Cooling System																																			
S2C1-vif	Site formation for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																												
Site development for a new District Cooling System																																			
S2C1-vid	Site development for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																												
Development Stage 2 - Contract S2C2																																			
District Distributor Road D1, a section of Road D3 and local roads																																			
S2C2-i	Road D3	114	2	n/a	--	3	3																												
S2C2-i	Road D1	114	2	n/a	--	3	3																												
S2C2-i	Local Roads connecting to Road D1	114	2	n/a	--	3	3																												
S2C2-i	Road D3 - Underpass	114	1	n/a	--	0	3																												
Site formation for a new HSK STW																																			
S2C2-ii	Site formation for 3-26 part 1	117	1	n/a	--	0	3																												
S2C2-ii	Site formation for 3-26 part 2	117	1	n/a	--	0	3																												
Site development for a new HSK STW																																			
S2C2-ii	Site development for 3-26	117	1	n/a	--	0	3																												
A new Sewage Pumping Station SPS4 and associated rising mains																																			
S2C2-iii	SPS 4 at site 2-34	117	1	n/a	--	0	3																												
Associated rising mains																																			
A new TSE reservoirs and associated pumping stations and rising mains																																			
S2C2-iv	site 5-40	131	1	n/a	--	0	3																												
Site formation for Port Back-up and Storage Use sites, Refuse Transfer Station																																			
S2C2-vf	Sites 3-14, 3-18 and 3-19	111	4	n/a	--	6	3																												
S2C2-vf	Sites 3-9, 3-11, 3-12 and 3-13	111	4	n/a	--	6	3																												
S2C2-vf	Sites 3-4 (part 1) and 3-5	111	4	n/a	--	6	3																												
S2C2-vf	Sites 3-1 and 3-4 (part 2)	111	4	n/a	--	6	3																												
Site development for Port Back-up and Storage Use sites, Refuse Transfer Station sites 3-9 and 3-4																																			
S2C2-vd	site 3-4	112	1	n/a	--	0	3																												
S2C2-vd	site 3-9	112	1	n/a	--	0	3																												
S2C2-vd	sites 3-13 and 3-14	112	2	n/a	--	3	3																												
S2C2-vd	sites 3-11 and 3-12	112	2	n/a	--	3	3																												
sites 3-18 and 3-5																																			
S2C2-vd	site 3-18	112	1	n/a	--	0	3																												
S2C2-vd	site 3-5	112	1	n/a	--	0	3																												
S2C2-vd	site 3-1	112	2	n/a	--	3	3																												
STAGE 3																																			
District Distributor Road D1, D4 and Ping Ha Road (Road D2) widening																																			
S3C1-i	Road D2 - part 1	106	3	n/a	--	5	3																												
S3C1-i	Road D2 - part 2	106	1	n/a	--	0	3																												
S3C1-i	Road D2 - part 3	106	1	n/a	--	0	3																												
S3C1-i	Road D4	106	3	n/a	--	5	3																												
S3C1-i	Road D1 - part 1	106	3	n/a	--	5	3																												
S3C1-i	Road D1 - part 2	106	3	n/a	--	5	3																												
S3C1-i	Roads connecting to Fung Kong Tsuen	106	3	n/a	--	5	3																												
S3C1-i	Roads serving hospital	106	3	n/a	--	5	3																												
S3C1-i	Road D4 - Underpass	106	1	n/a	--	0	3																												
S3C1-i	Road D2 - Underpass	106	1	n/a	--	0	3																												
Site formation for residential, commercial and G/IC sites																																			

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW04 Jen Institute MFBM Nei Ming Chan Lui Chung Tak Memorial College

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030			
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
ADVANCED WORKS																											
Advanced Works - Phase 1 - Contract AWC1																											
Site formation for residential site 5-26																											
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																				
Site development for residential site 5-26																											
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																				
Advanced Works - Phase 2 - Contract AWC2																											
Site formation for ESS 1																											
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																				
Site formation for residential site 4-20, 5-24																											
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																				
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																				
Site development for residential site 4-20, 5-24																											
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																				
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																				
Advanced Works - Phase 3 - Contract AWC3																											
Site formation for residential, G/IC, commercial and industrial development areas																											
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																				
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																				
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																				
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																				
Site development for residential, G/IC, commercial and industrial development areas																											
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Site 5-36	108																									
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																				
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																				
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																				
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																											
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																				
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																				
Advance Works Stage - Contract AWC4																											
Road P1 and associated works, and other District Distributors																											
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																				
Slip Roads (Connection between Road P1 and KSWH)																											
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																				
STAGE 1																											
Development Stage 1 - Contract S1C1																											
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																											
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																				
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																				
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																				
Site formation for Port Back-up and Storage Use site																											
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																				
Site development for Port Back-up and Storage Use site																											
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																				

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW04 Jen Institute MFBM Nei Ming Chan Lui Chung Tak Memorial College

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2038				
								Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS												
Advanced Works - Phase 1 - Contract AWC1												
Site formation for residential site 5-26												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3					
Site development for residential site 5-26												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3					
Advanced Works - Phase 2 - Contract AWC2												
Site formation for ESS 1												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3					
Site formation for residential site 4-20, 5-24												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3					
Site development for residential site 4-20, 5-24												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3					
Advanced Works - Phase 3 - Contract AWC3												
Site formation for residential, G/C, commercial and industrial development areas												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3					
Site development for residential, G/C, commercial and industrial development areas												
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-36	108										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3					
Advance Works Stage - Contract AWC4												
Road P1 and associated works, and other District Distributors												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3					
Slip Roads (Connection between Road P1 and KSWH)												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3					
STAGE 1												
Development Stage 1 - Contract S1C1												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3					
Site formation for Port Back-up and Storage Use site												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3					
Site development for Port Back-up and Storage Use site												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW04 Jen Institute MFBM Nei Ming Chan Lui Chung Tak Memorial College

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	Year																											
								2032				2033				2034				2035				2036				2037							
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
S1C1-ii	Site development for site 3-8 - part 2	118	1	n/a	--	0	3																												
STAGE 2																																			
Development Stage 2 - Contract S2C1																																			
District Distributor Road D6, D7 and D8, and local roads																																			
S2C1-i	Road D6 - part 1	106	4	n/a	--	6	3																												
S2C1-i	Road D6 - part 2	106	4	n/a	--	6	3																												
S2C1-i	Road D7 and Road D8 - part 1	106	1	n/a	--	0	3																												
S2C1-i	Road D8 - part 2	106	2	n/a	--	3	3																												
S2C1-i	Road D8 - part 3	106	1	n/a	--	0	3																												
S2C1-i	Road D6 - Underpass	106	2	n/a	--	3	3																												
S2C1-ii	A new Sewage Pumping Station SPS 3 and associated rising main from SPS3 to SPS2 SPS3 at site 3-41 and associated rising mains	117	1	n/a	--	0	3																												
Site formation and development for Fresh Water Service Reservoir																																			
S2C1-iii	Site formation and development for Fresh Water Service Reservoir	131	1	n/a	--	0	3																												
Site formation for residential & commercial developments, G/IC and Open Space areas																																			
S2C1-vf	Site formation for sites 4-1, 4-2, 4-3, 4-4 and 4-5	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-6, 4-7, 4-8, 4-9, 4-10 and 4-23	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for site 4-11	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-12a, 4-12b, 4-12c, 4-13a and 4-13b	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-19 and associated area	107	1	n/a	--	0	3																												
S2C1-vf	Site formation for sites 4-15, 4-16, 4-17, 4-12d, 4-21, 4-37 and associated area	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-31, 4-32, 4-33 and 4-36	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-24, 4-25a, 4-25b, 4-25c, 4-26, 4-29, 4-14 and 4-34	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for site 3-52	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for site 3-51	107	4	n/a	--	6	3																												
Site development for residential & commercial developments, G/IC and Open Space areas																																			
S2C1-vd	Site development for 4-1, 4-2,4-3,4-6, 4-7,4-8,4-11,4-15	108	2	n/a	--	3	3																												
S2C1-vd	Site development for 4-19,4-36,4-33,4-31,4-32,4-21,4-24	108	2	n/a	--	3	3																												
Site formation for a new District Cooling System																																			
S2C1-vif	Site formation for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																												
Site development for a new District Cooling System																																			
S2C1-vid	Site development for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																												
Development Stage 2 - Contract S2C2																																			
District Distributor Road D1, a section of Road D3 and local roads																																			
S2C2-i	Road D3	114	2	n/a	--	3	3																												
S2C2-i	Road D1	114	2	n/a	--	3	3																												
S2C2-i	Local Roads connecting to Road D1	114	2	n/a	--	3	3																												
S2C2-i	Road D3 - Underpass	114	1	n/a	--	0	3																												
Site formation for a new HSK STW																																			
S2C2-ii	Site formation for 3-26 part 1	117	1	n/a	--	0	3																												
S2C2-ii	Site formation for 3-26 part 2	117	1	n/a	--	0	3																												
Site development for a new HSK STW																																			
S2C2-ii	Site development for 3-26	117	1	n/a	--	0	3																												
A new Sewage Pumping Station SPS4 and associated rising mains																																			
S2C2-iii	SPS 4 at site 2-34	117	1	n/a	--	0	3																												
Associated rising mains																																			
A new TSE reservoirs and associated pumping stations and rising mains																																			
S2C2-iv	site 5-40	131	1	n/a	--	0	3																												
Site formation for Port Back-up and Storage Use sites, Refuse Transfer Station																																			
S2C2-vf	Sites 3-14, 3-18 and 3-19	111	4	n/a	--	6	3																												
S2C2-vf	Sites 3-9, 3-11, 3-12 and 3-13	111	4	n/a	--	6	3																												
S2C2-vf	Sites 3-4 (part 1) and 3-5	111	4	n/a	--	6	3																												
S2C2-vf	Sites 3-1 and 3-4 (part 2)	111	4	n/a	--	6	3																												
Site development for Port Back-up and Storage Use sites, Refuse Transfer Station sites 3-9 and 3-4																																			
S2C2-vd	site 3-4	112	1	n/a	--	0	3																												
S2C2-vd	site 3-9	112	1	n/a	--	0	3																												
S2C2-vd	sites 3-13 and 3-14	112	2	n/a	--	3	3																												
S2C2-vd	sites 3-11 and 3-12	112	2	n/a	--	3	3																												
sites 3-18 and 3-5																																			
S2C2-vd	site 3-18	112	1	n/a	--	0	3																												
S2C2-vd	site 3-5	112	1	n/a	--	0	3																												
S2C2-vd	site 3-1	112	2	n/a	--	3	3																												
STAGE 3																																			
District Distributor Road D1, D4 and Ping Ha Road (Road D2) widening																																			
S3C1-i	Road D2 - part 1	106	3	n/a	--	5	3																												
S3C1-i	Road D2 - part 2	106	1	n/a	--	0	3																												
S3C1-i	Road D2 - part 3	106	1	n/a	--	0	3																												
S3C1-i	Road D4	106	3	n/a	--	5	3																												
S3C1-i	Road D1 - part 1	106	3	n/a	--	5	3																												
S3C1-i	Road D1 - part 2	106	3	n/a	--	5	3																												
S3C1-i	Roads connecting to Fung Kong Tsuen	106	3	n/a	--	5	3																												
S3C1-i	Roads serving hospital	106	3	n/a	--	5	3																												
S3C1-i	Road D4 - Underpass	106	1	n/a	--	0	3																												
S3C1-i	Road D2 - Underpass	106	1	n/a	--	0	3																												
Site formation for residential, commercial and G/IC sites																																			

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW05 Shui Fung House, Tin Shui Estate

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030			
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS																											
Advanced Works - Phase 1 - Contract AWC1																											
	Site formation for residential site 5-26																										
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																				
	Site development for residential site 5-26																										
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																				
Advanced Works - Phase 2 - Contract AWC2																											
	Site formation for ESS 1																										
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																				
	Site formation for residential site 4-20, 5-24																										
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																				
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																				
	Site development for residential site 4-20, 5-24																										
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																				
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																				
Advanced Works - Phase 3 - Contract AWC3																											
	Site formation for residential, G/IC, commercial and industrial development areas																										
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																				
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																				
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																				
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																				
	Site development for residential, G/IC, commercial and industrial development areas																										
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Site 5-36	108																									
	Site development for Site 4-28 and 5-24 (portion 2)																										
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																				
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																				
	Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																										
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																				
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																				
Advance Works Stage - Contract AWC4																											
	Road P1 and associated works, and other District Distributors																										
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																				
	Slip Roads (Connection between Road P1 and KSWH)																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																				
STAGE 1																											
Development Stage 1 - Contract S1C1																											
	A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																										
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																				
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																				
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																				
	Site formation for Port Back-up and Storage Use site																										
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																				
	Site development for Port Back-up and Storage Use site																										
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																				

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW05 Shui Fung House, Tin Shui Estate

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	31	2032				2033				2034				2035				2036				2037		
									Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																															
Advanced Works - Phase 1 - Contract AWC1																															
	Site formation for residential site 5-26																														
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																								
	Site development for residential site 5-26																														
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																								
Advanced Works - Phase 2 - Contract AWC2																															
	Site formation for ESS 1																														
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																								
	Site formation for residential site 4-20, 5-24																														
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																								
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																								
	Site development for residential site 4-20, 5-24																														
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																								
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																								
Advanced Works - Phase 3 - Contract AWC3																															
	Site formation for residential, G/C, commercial and industrial development areas																														
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																								
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																								
	Site development for residential, G/C, commercial and industrial development areas																														
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-36	108																													
	Site development for Site 4-28 and 5-24 (portion 2)																														
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																								
	Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																														
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																								
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																								
Advance Works Stage - Contract AWC4																															
	Road P1 and associated works, and other District Distributors																														
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																								
	Slip Roads (Connection between Road P1 and KSWH)																														
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																								
STAGE 1																															
Development Stage 1 - Contract S1C1																															
	A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																														
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																								
	Site formation for Port Back-up and Storage Use site																														
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																								
	Site development for Port Back-up and Storage Use site																														
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																								

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW05

Shui Fung House, Tin Shui Estate

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2038				
								Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS												
Advanced Works - Phase 1 - Contract AWC1												
	Site formation for residential site 5-26											
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3					
	Site development for residential site 5-26											
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3					
Advanced Works - Phase 2 - Contract AWC2												
	Site formation for ESS 1											
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3					
	Site formation for residential site 4-20, 5-24											
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3					
	Site development for residential site 4-20, 5-24											
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3					
Advanced Works - Phase 3 - Contract AWC3												
	Site formation for residential, G/C, commercial and industrial development areas											
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3					
	Site development for residential, G/C, commercial and industrial development areas											
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-36	108										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3					
	Two new sewage pumping stations SPS1 and SPS2 and associated rising mains											
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3					
Advance Works Stage - Contract AWC4												
	Road P1 and associated works, and other District Distributors											
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3					
	Slip Roads (Connection between Road P1 and KSWH)											
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3					
STAGE 1												
Development Stage 1 - Contract S1C1												
	A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH											
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3					
	Site formation for Port Back-up and Storage Use site											
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3					
	Site development for Port Back-up and Storage Use site											
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW05 Shui Fung House, Tin Shui Estate

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	Year																											
								2032				2033				2034				2035				2036				2037							
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
S1C1-ii	Site development for site 3-8 - part 2	118	1	n/a	--	0	3																												
STAGE 2																																			
Development Stage 2 - Contract S2C1																																			
District Distributor Road D6, D7 and D8, and local roads																																			
S2C1-i	Road D6 - part 1	106	4	n/a	--	6	3																												
S2C1-i	Road D6 - part 2	106	4	n/a	--	6	3																												
S2C1-i	Road D7 and Road D8 - part 1	106	1	n/a	--	0	3																												
S2C1-i	Road D8 - part 2	106	2	n/a	--	3	3																												
S2C1-i	Road D8 - part 3	106	1	n/a	--	0	3																												
S2C1-i	Road D6 - Underpass	106	2	n/a	--	3	3																												
S2C1-ii	A new Sewage Pumping Station SPS 3 and associated rising main from SPS3 to SPS2 SPS3 at site 3-41 and associated rising mains	117	1	n/a	--	0	3																												
Site formation and development for Fresh Water Service Reservoir																																			
S2C1-iii	Site formation and development for Fresh Water Service Reservoir	131	1	n/a	--	0	3																												
Site formation for residential & commercial developments, G/IC and Open Space areas																																			
S2C1-vf	Site formation for sites 4-1, 4-2, 4-3, 4-4 and 4-5	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-6, 4-7, 4-8, 4-9, 4-10 and 4-23	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for site 4-11	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-12a, 4-12b, 4-12c, 4-13a and 4-13b	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-19 and associated area	107	1	n/a	--	0	3																												
S2C1-vf	Site formation for sites 4-15, 4-16, 4-17, 4-12d, 4-21, 4-37 and associated area	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-31, 4-32, 4-33 and 4-36	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-24, 4-25a, 4-25b, 4-25c, 4-26, 4-29, 4-14 and 4-34	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for site 3-52	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for site 3-51	107	4	n/a	--	6	3																												
Site development for residential & commercial developments, G/IC and Open Space areas																																			
S2C1-vd	Site development for 4-1, 4-2,4-3,4-6, 4-7,4-8,4-11,4-15	108	2	n/a	--	3	3																												
S2C1-vd	Site development for 4-19,4-36,4-33,4-31,4-32,4-21,4-24	108	2	n/a	--	3	3																												
Site formation for a new District Cooling System																																			
S2C1-vif	Site formation for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																												
Site development for a new District Cooling System																																			
S2C1-vid	Site development for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																												
Development Stage 2 - Contract S2C2																																			
District Distributor Road D1, a section of Road D3 and local roads																																			
S2C2-i	Road D3	114	2	n/a	--	3	3																												
S2C2-i	Road D1	114	2	n/a	--	3	3																												
S2C2-i	Local Roads connecting to Road D1	114	2	n/a	--	3	3																												
S2C2-i	Road D3 - Underpass	114	1	n/a	--	0	3																												
Site formation for a new HSK STW																																			
S2C2-ii	Site formation for 3-26 part 1	117	1	n/a	--	0	3																												
S2C2-ii	Site formation for 3-26 part 2	117	1	n/a	--	0	3																												
Site development for a new HSK STW																																			
S2C2-ii	Site development for 3-26	117	1	n/a	--	0	3																												
A new Sewage Pumping Station SPS4 and associated rising mains																																			
S2C2-iii	SPS 4 at site 2-34	117	1	n/a	--	0	3																												
Associated rising mains																																			
A new TSE reservoirs and associated pumping stations and rising mains																																			
S2C2-iv	site 5-40	131	1	n/a	--	0	3																												
Site formation for Port Back-up and Storage Use sites, Refuse Transfer Station																																			
S2C2-vf	Sites 3-14, 3-18 and 3-19	111	4	n/a	--	6	3																												
S2C2-vf	Sites 3-9, 3-11, 3-12 and 3-13	111	4	n/a	--	6	3																												
S2C2-vf	Sites 3-4 (part 1) and 3-5	111	4	n/a	--	6	3																												
S2C2-vf	Sites 3-1 and 3-4 (part 2)	111	4	n/a	--	6	3																												
Site development for Port Back-up and Storage Use sites, Refuse Transfer Station sites 3-9 and 3-4																																			
S2C2-vd	site 3-4	112	1	n/a	--	0	3																												
S2C2-vd	site 3-9	112	1	n/a	--	0	3																												
S2C2-vd	sites 3-13 and 3-14	112	2	n/a	--	3	3																												
S2C2-vd	sites 3-11 and 3-12	112	2	n/a	--	3	3																												
sites 3-18 and 3-5																																			
S2C2-vd	site 3-18	112	1	n/a	--	0	3																												
S2C2-vd	site 3-5	112	1	n/a	--	0	3																												
S2C2-vd	site 3-1	112	2	n/a	--	3	3																												
STAGE 3																																			
District Distributor Road D1, D4 and Ping Ha Road (Road D2) widening																																			
S3C1-i	Road D2 - part 1	106	3	202	-54.1	5	3																												
S3C1-i	Road D2 - part 2	106	1	n/a	--	0	3																												
S3C1-i	Road D2 - part 3	106	1	n/a	--	0	3																												
S3C1-i	Road D4	106	3	n/a	--	5	3																												
S3C1-i	Road D1 - part 1	106	3	n/a	--	5	3																												
S3C1-i	Road D1 - part 2	106	3	n/a	--	5	3																												
S3C1-i	Roads connecting to Fung Kong Tsuen	106	3	n/a	--	5	3																												
S3C1-i	Roads serving hospital	106	3	n/a	--	5	3																												
S3C1-i	Road D4 - Underpass	106	1	n/a	--	0	3																												
S3C1-i	Road D2 - Underpass	106	1	n/a	--	0	3																												
Site formation for residential, commercial and G/IC sites																																			

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW06

Oi Tao House, Tin Oi Court

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030				
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																												
Advanced Works - Phase 1 - Contract AWC1																												
Site formation for residential site 5-26																												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																					
Site development for residential site 5-26																												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																					
Advanced Works - Phase 2 - Contract AWC2																												
Site formation for ESS 1																												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																					
Site formation for residential site 4-20, 5-24																												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																					
Site development for residential site 4-20, 5-24																												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																					
Advanced Works - Phase 3 - Contract AWC3																												
Site formation for residential, G/IC, commercial and industrial development areas																												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																					
Site development for residential, G/IC, commercial and industrial development areas																												
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-36	108																										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																					
Advance Works Stage - Contract AWC4																												
Road P1 and associated works, and other District Distributors																												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																					
Slip Roads (Connection between Road P1 and KSWH)																												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																					
STAGE 1																												
Development Stage 1 - Contract S1C1																												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																					
Site formation for Port Back-up and Storage Use site																												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																					
Site development for Port Back-up and Storage Use site																												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW06

Oi Tao House, Tin Oi Court

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	31	2032				2033				2034				2035				2036				2037		
									Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																															
Advanced Works - Phase 1 - Contract AWC1																															
Site formation for residential site 5-26																															
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																								
Site development for residential site 5-26																															
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																								
Advanced Works - Phase 2 - Contract AWC2																															
Site formation for ESS 1																															
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																								
Site formation for residential site 4-20, 5-24																															
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																								
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																								
Site development for residential site 4-20, 5-24																															
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																								
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																								
Advanced Works - Phase 3 - Contract AWC3																															
Site formation for residential, G/C, commercial and industrial development areas																															
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																								
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																								
Site development for residential, G/C, commercial and industrial development areas																															
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-36	108																													
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																								
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																															
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																								
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																								
Advance Works Stage - Contract AWC4																															
Road P1 and associated works, and other District Distributors																															
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																								
Slip Roads (Connection between Road P1 and KSWH)																															
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																								
STAGE 1																															
Development Stage 1 - Contract S1C1																															
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																															
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use site																															
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																								
Site development for Port Back-up and Storage Use site																															
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																								

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW06

Oi Tao House, Tin Oi Court

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2038				
								Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS												
Advanced Works - Phase 1 - Contract AWC1												
Site formation for residential site 5-26												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3					
Site development for residential site 5-26												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3					
Advanced Works - Phase 2 - Contract AWC2												
Site formation for ESS 1												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3					
Site formation for residential site 4-20, 5-24												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3					
Site development for residential site 4-20, 5-24												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3					
Advanced Works - Phase 3 - Contract AWC3												
Site formation for residential, G/C, commercial and industrial development areas												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3					
Site development for residential, G/C, commercial and industrial development areas												
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-36	108										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3					
Advance Works Stage - Contract AWC4												
Road P1 and associated works, and other District Distributors												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3					
Slip Roads (Connection between Road P1 and KSWH)												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3					
STAGE 1												
Development Stage 1 - Contract S1C1												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3					
Site formation for Port Back-up and Storage Use site												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3					
Site development for Port Back-up and Storage Use site												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW07

Block 7, Locwood Court

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030			
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS																											
Advanced Works - Phase 1 - Contract AWC1																											
Site formation for residential site 5-26																											
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																				
Site development for residential site 5-26																											
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																				
Advanced Works - Phase 2 - Contract AWC2																											
Site formation for ESS 1																											
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																				
Site formation for residential site 4-20, 5-24																											
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																				
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																				
Site development for residential site 4-20, 5-24																											
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																				
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																				
Advanced Works - Phase 3 - Contract AWC3																											
Site formation for residential, G/IC, commercial and industrial development areas																											
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																				
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																				
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																				
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																				
Site development for residential, G/IC, commercial and industrial development areas																											
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Site 5-36	108																									
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																				
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																				
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																				
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																											
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																				
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																				
Advance Works Stage - Contract AWC4																											
Road P1 and associated works, and other District Distributors																											
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																				
Slip Roads (Connection between Road P1 and KSWH)																											
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																				
STAGE 1																											
Development Stage 1 - Contract S1C1																											
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																											
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																				
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																				
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																				
Site formation for Port Back-up and Storage Use site																											
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																				
Site development for Port Back-up and Storage Use site																											
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																				

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW07

Block 7, Locwood Court

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2038				
								Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS												
Advanced Works - Phase 1 - Contract AWC1												
	Site formation for residential site 5-26											
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3					
	Site development for residential site 5-26											
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3					
Advanced Works - Phase 2 - Contract AWC2												
	Site formation for ESS 1											
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3					
	Site formation for residential site 4-20, 5-24											
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3					
	Site development for residential site 4-20, 5-24											
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3					
Advanced Works - Phase 3 - Contract AWC3												
	Site formation for residential, G/C, commercial and industrial development areas											
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3					
	Site development for residential, G/C, commercial and industrial development areas											
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-36	108										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3					
	Two new sewage pumping stations SPS1 and SPS2 and associated rising mains											
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3					
Advance Works Stage - Contract AWC4												
	Road P1 and associated works, and other District Distributors											
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3					
	Slip Roads (Connection between Road P1 and KSWH)											
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3					
STAGE 1												
Development Stage 1 - Contract S1C1												
	A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH											
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3					
	Site formation for Port Back-up and Storage Use site											
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3					
	Site development for Port Back-up and Storage Use site											
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW07 Block 7, Locwood Court

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	Year																											
								2032				2033				2034				2035				2036				2037							
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3			
S1C1-ii	Site development for site 3-8 - part 2	118	1	n/a	--	0	3																												
STAGE 2																																			
Development Stage 2 - Contract S2C1																																			
District Distributor Road D6, D7 and D8, and local roads																																			
S2C1-i	Road D6 - part 1	106	4	n/a	--	6	3																												
S2C1-i	Road D6 - part 2	106	4	n/a	--	6	3																												
S2C1-i	Road D7 and Road D8 - part 1	106	1	n/a	--	0	3																												
S2C1-i	Road D8 - part 2	106	2	n/a	--	3	3																												
S2C1-i	Road D8 - part 3	106	1	n/a	--	0	3																												
S2C1-i	Road D6 - Underpass	106	2	n/a	--	3	3																												
S2C1-ii	A new Sewage Pumping Station SPS 3 and associated rising main from SPS3 to SPS2 SPS3 at site 3-41 and associated rising mains	117	1	n/a	--	0	3																												
Site formation and development for Fresh Water Service Reservoir																																			
S2C1-iii	Site formation and development for Fresh Water Service Reservoir	131	1	n/a	--	0	3																												
Site formation for residential & commercial developments, G/IC and Open Space areas																																			
S2C1-vf	Site formation for sites 4-1, 4-2, 4-3, 4-4 and 4-5	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-6, 4-7, 4-8, 4-9, 4-10 and 4-23	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for site 4-11	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-12a, 4-12b, 4-12c, 4-13a and 4-13b	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-19 and associated area	107	1	n/a	--	0	3																												
S2C1-vf	Site formation for sites 4-15, 4-16, 4-17, 4-12d, 4-21, 4-37 and associated area	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-31, 4-32, 4-33 and 4-36	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-24, 4-25a, 4-25b, 4-25c, 4-26, 4-29, 4-14 and 4-34	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for site 3-52	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for site 3-51	107	4	n/a	--	6	3																												
Site development for residential & commercial developments, G/IC and Open Space areas																																			
S2C1-vd	Site development for 4-1, 4-2,4-3,4-6, 4-7,4-8,4-11,4-15	108	2	n/a	--	3	3																												
S2C1-vd	Site development for 4-19,4-36,4-33,4-31,4-32,4-21,4-24	108	2	n/a	--	3	3																												
Site formation for a new District Cooling System																																			
S2C1-vif	Site formation for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																												
Site development for a new District Cooling System																																			
S2C1-vid	Site development for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																												
Development Stage 2 - Contract S2C2																																			
District Distributor Road D1, a section of Road D3 and local roads																																			
S2C2-i	Road D3	114	2	n/a	--	3	3																												
S2C2-i	Road D1	114	2	n/a	--	3	3																												
S2C2-i	Local Roads connecting to Road D1	114	2	n/a	--	3	3																												
S2C2-i	Road D3 - Underpass	114	1	n/a	--	0	3																												
Site formation for a new HSK STW																																			
S2C2-ii	Site formation for 3-26 part 1	117	1	n/a	--	0	3																												
S2C2-ii	Site formation for 3-26 part 2	117	1	n/a	--	0	3																												
Site development for a new HSK STW																																			
S2C2-ii	Site development for 3-26	117	1	n/a	--	0	3																												
A new Sewage Pumping Station SPS4 and associated rising mains																																			
S2C2-iii	SPS 4 at site 2-34	117	1	n/a	--	0	3																												
Associated rising mains																																			
A new TSE reservoirs and associated pumping stations and rising mains																																			
S2C2-iv	site 5-40	131	1	n/a	--	0	3																												
Site formation for Port Back-up and Storage Use sites, Refuse Transfer Station																																			
S2C2-vf	Sites 3-14, 3-18 and 3-19	111	4	n/a	--	6	3																												
S2C2-vf	Sites 3-9, 3-11, 3-12 and 3-13	111	4	n/a	--	6	3																												
Site formation for Port Back-up and Storage Use sites, Refuse Transfer Station																																			
S2C2-vf	Sites 3-4 (part 1) and 3-5	111	4	n/a	--	6	3																												
S2C2-vf	Sites 3-1 and 3-4 (part 2)	111	4	n/a	--	6	3																												
Site development for Port Back-up and Storage Use sites, Refuse Transfer Station																																			
S2C2-vd	sites 3-9 and 3-4	112	1	n/a	--	0	3																												
S2C2-vd	site 3-4	112	1	n/a	--	0	3																												
S2C2-vd	site 3-9	112	1	n/a	--	0	3																												
S2C2-vd	sites 3-13 and 3-14	112	2	n/a	--	3	3																												
S2C2-vd	sites 3-11 and 3-12	112	2	n/a	--	3	3																												
sites 3-18 and 3-5																																			
S2C2-vd	site 3-18	112	1	n/a	--	0	3																												
S2C2-vd	site 3-5	112	1	n/a	--	0	3																												
S2C2-vd	site 3-1	112	2	n/a	--	3	3																												
STAGE 3																																			
District Distributor Road D1, D4 and Ping Ha Road (Road D2) widening																																			
S3C1-i	Road D2 - part 1	106	3	n/a	--	5	3																												
S3C1-i	Road D2 - part 2	106	1	n/a	--	0	3																												
S3C1-i	Road D2 - part 3	106	1	n/a	--	0	3																												
S3C1-i	Road D4	106	3	n/a	--	5	3																												
S3C1-i	Road D1 - part 1	106	3	n/a	--	5	3																												
S3C1-i	Road D1 - part 2	106	3	n/a	--	5	3																												
S3C1-i	Roads connecting to Fung Kong Tsuen	106	3	n/a	--	5	3																												
S3C1-i	Roads serving hospital	106	3	n/a	--	5	3																												
S3C1-i	Road D4 - Underpass	106	1	n/a	--	0	3																												
S3C1-i	Road D2 - Underpass	106	1	n/a	--	0	3																												
Site formation for residential, commercial and G/IC sites																																			

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW08 VTC Youth College (Tin Shui Wai)

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030				
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2			
ADVANCED WORKS																												
Advanced Works - Phase 1 - Contract AWC1																												
Site formation for residential site 5-26																												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																					
Site development for residential site 5-26																												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																					
Advanced Works - Phase 2 - Contract AWC2																												
Site formation for ESS 1																												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																					
Site formation for residential site 4-20, 5-24																												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																					
Site development for residential site 4-20, 5-24																												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																					
Advanced Works - Phase 3 - Contract AWC3																												
Site formation for residential, G/IC, commercial and industrial development areas																												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																					
Site development for residential, G/IC, commercial and industrial development areas																												
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-36	108																										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																					
Advance Works Stage - Contract AWC4																												
Road P1 and associated works, and other District Distributors																												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																					
Slip Roads (Connection between Road P1 and KSWH)																												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																					
STAGE 1																												
Development Stage 1 - Contract S1C1																												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																					
Site formation for Port Back-up and Storage Use site																												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																					
Site development for Port Back-up and Storage Use site																												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW08 VTC Youth College (Tin Shui Wai)

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	31	2032				2033				2034				2035				2036				2037		
									Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																															
Advanced Works - Phase 1 - Contract AWC1																															
Site formation for residential site 5-26																															
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																								
Site development for residential site 5-26																															
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																								
Advanced Works - Phase 2 - Contract AWC2																															
Site formation for ESS 1																															
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																								
Site formation for residential site 4-20, 5-24																															
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																								
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																								
Site development for residential site 4-20, 5-24																															
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																								
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																								
Advanced Works - Phase 3 - Contract AWC3																															
Site formation for residential, G/C, commercial and industrial development areas																															
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																								
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																								
Site development for residential, G/C, commercial and industrial development areas																															
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-36	108																													
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																								
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																															
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																								
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																								
Advance Works Stage - Contract AWC4																															
Road P1 and associated works, and other District Distributors																															
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																								
Slip Roads (Connection between Road P1 and KSWH)																															
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																								
STAGE 1																															
Development Stage 1 - Contract S1C1																															
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																															
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use site																															
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																								
Site development for Port Back-up and Storage Use site																															
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																								

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW08

VTC Youth College (Tin Shui Wai)

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2038				
								Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS												
Advanced Works - Phase 1 - Contract AWC1												
Site formation for residential site 5-26												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3					
Site development for residential site 5-26												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3					
Advanced Works - Phase 2 - Contract AWC2												
Site formation for ESS 1												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3					
Site formation for residential site 4-20, 5-24												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3					
Site development for residential site 4-20, 5-24												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3					
Advanced Works - Phase 3 - Contract AWC3												
Site formation for residential, G/C, commercial and industrial development areas												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3					
Site development for residential, G/C, commercial and industrial development areas												
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-36	108										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3					
Advance Works Stage - Contract AWC4												
Road P1 and associated works, and other District Distributors												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3					
Slip Roads (Connection between Road P1 and KSWH)												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3					
STAGE 1												
Development Stage 1 - Contract S1C1												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3					
Site formation for Port Back-up and Storage Use site												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3					
Site development for Port Back-up and Storage Use site												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW09 Shing Ting House, Tin Shing Court

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030			
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS																											
Advanced Works - Phase 1 - Contract AWC1																											
Site formation for residential site 5-26																											
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																				
Site development for residential site 5-26																											
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																				
Advanced Works - Phase 2 - Contract AWC2																											
Site formation for ESS 1																											
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																				
Site formation for residential site 4-20, 5-24																											
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																				
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																				
Site development for residential site 4-20, 5-24																											
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																				
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																				
Advanced Works - Phase 3 - Contract AWC3																											
Site formation for residential, G/C, commercial and industrial development areas																											
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																				
AWC1-vf	Site formation for Site 5-16	106	3	282	-57.0	5	3																				
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																				
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																				
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																				
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																				
Site development for residential, G/C, commercial and industrial development areas																											
AWC1-vd	Site development for Site 5-16	108	1	282	-57.0	0	3		54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54
AWC1-vd	Site development for Site 5-36	108																									
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																				
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																				
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																				
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																				
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																											
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																				
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																				
Advance Works Stage - Contract AWC4																											
Road P1 and associated works, and other District Distributors																											
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																				
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																				
Slip Roads (Connection between Road P1 and KSWH)																											
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																				
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																				
STAGE 1																											
Development Stage 1 - Contract S1C1																											
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																											
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																				
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																				
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																				
Site formation for Port Back-up and Storage Use site																											
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																				
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																				
Site development for Port Back-up and Storage Use site																											
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																				
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																				

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW09 Shing Ting House, Tin Shing Court

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	31	2032				2033				2034				2035				2036				2037		
									Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																															
Advanced Works - Phase 1 - Contract AWC1																															
Site formation for residential site 5-26																															
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																								
Site development for residential site 5-26																															
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																								
Advanced Works - Phase 2 - Contract AWC2																															
Site formation for ESS 1																															
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																								
Site formation for residential site 4-20, 5-24																															
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																								
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																								
Site development for residential site 4-20, 5-24																															
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																								
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																								
Advanced Works - Phase 3 - Contract AWC3																															
Site formation for residential, G/C, commercial and industrial development areas																															
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-16	106	3	282	-57.0	5	3																								
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																								
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																								
Site development for residential, G/C, commercial and industrial development areas																															
AWC1-vd	Site development for Site 5-16	108	1	282	-57.0	0	3																								
AWC1-vd	Site development for Site 5-36	108																													
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																								
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																															
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																								
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																								
Advance Works Stage - Contract AWC4																															
Road P1 and associated works, and other District Distributors																															
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																								
Slip Roads (Connection between Road P1 and KSWH)																															
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																								
STAGE 1																															
Development Stage 1 - Contract S1C1																															
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																															
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use site																															
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																								
Site development for Port Back-up and Storage Use site																															
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																								

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW09

Shing Ting House, Tin Shing Court

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2038				
								Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS												
Advanced Works - Phase 1 - Contract AWC1												
Site formation for residential site 5-26												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3					
Site development for residential site 5-26												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3					
Advanced Works - Phase 2 - Contract AWC2												
Site formation for ESS 1												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3					
Site formation for residential site 4-20, 5-24												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3					
Site development for residential site 4-20, 5-24												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3					
Advanced Works - Phase 3 - Contract AWC3												
Site formation for residential, G/C, commercial and industrial development areas												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-16	106	3	282	-57.0	5	3					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3					
Site development for residential, G/C, commercial and industrial development areas												
AWC1-vd	Site development for Site 5-16	108	1	282	-57.0	0	3					
AWC1-vd	Site development for Site 5-36	108										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3					
Advance Works Stage - Contract AWC4												
Road P1 and associated works, and other District Distributors												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3					
Slip Roads (Connection between Road P1 and KSWH)												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3					
STAGE 1												
Development Stage 1 - Contract S1C1												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3					
Site formation for Port Back-up and Storage Use site												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3					
Site development for Port Back-up and Storage Use site												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW10 Shing Kan House, Tin Shing Court

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030				
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																												
Advanced Works - Phase 1 - Contract AWC1																												
Site formation for residential site 5-26																												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																					
Site development for residential site 5-26																												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																					
Advanced Works - Phase 2 - Contract AWC2																												
Site formation for ESS 1																												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																					
Site formation for residential site 4-20, 5-24																												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																					
Site development for residential site 4-20, 5-24																												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																					
Advanced Works - Phase 3 - Contract AWC3																												
Site formation for residential, G/C, commercial and industrial development areas																												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-16	106	3	228	-55.1	5	3																					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																					
Site development for residential, G/C, commercial and industrial development areas																												
AWC1-vd	Site development for Site 5-16	108	1	228	-55.1	0	3		56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56
AWC1-vd	Site development for Site 5-36	108																										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																					
Advance Works Stage - Contract AWC4																												
Road P1 and associated works, and other District Distributors																												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																					
Slip Roads (Connection between Road P1 and KSWH)																												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																					
STAGE 1																												
Development Stage 1 - Contract S1C1																												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																					
Site formation for Port Back-up and Storage Use site																												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																					
Site development for Port Back-up and Storage Use site																												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW10 Shing Kan House, Tin Shing Court

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	31	2032				2033				2034				2035				2036				2037		
									Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																															
Advanced Works - Phase 1 - Contract AWC1																															
	Site formation for residential site 5-26																														
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																								
	Site development for residential site 5-26																														
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																								
Advanced Works - Phase 2 - Contract AWC2																															
	Site formation for ESS 1																														
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																								
	Site formation for residential site 4-20, 5-24																														
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																								
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																								
	Site development for residential site 4-20, 5-24																														
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																								
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																								
Advanced Works - Phase 3 - Contract AWC3																															
	Site formation for residential, G/C, commercial and industrial development areas																														
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-16	106	3	228	-55.1	5	3																								
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																								
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																								
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																								
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																								
	Site development for residential, G/C, commercial and industrial development areas																														
AWC1-vd	Site development for Site 5-16	108	1	228	-55.1	0	3																								
AWC1-vd	Site development for Site 5-36	108																													
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																								
	Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																														
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																								
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																								
Advance Works Stage - Contract AWC4																															
	Road P1 and associated works, and other District Distributors																														
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																								
	Slip Roads (Connection between Road P1 and KSWH)																														
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																								
STAGE 1																															
Development Stage 1 - Contract S1C1																															
	A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																														
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																								
	Site formation for Port Back-up and Storage Use site																														
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																								
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																								
	Site development for Port Back-up and Storage Use site																														
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																								
S1C1-iiid	Site development for site 3-8 - part 1	1																													

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW10

Shing Kan House, Tin Shing Court

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2038				
								Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS												
Advanced Works - Phase 1 - Contract AWC1												
Site formation for residential site 5-26												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3					
Site development for residential site 5-26												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3					
Advanced Works - Phase 2 - Contract AWC2												
Site formation for ESS 1												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3					
Site formation for residential site 4-20, 5-24												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3					
Site development for residential site 4-20, 5-24												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3					
Advanced Works - Phase 3 - Contract AWC3												
Site formation for residential, G/C, commercial and industrial development areas												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-16	106	3	228	-55.1	5	3					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3					
Site development for residential, G/C, commercial and industrial development areas												
AWC1-vd	Site development for Site 5-16	108	1	228	-55.1	0	3					
AWC1-vd	Site development for Site 5-36	108										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3					
Advance Works Stage - Contract AWC4												
Road P1 and associated works, and other District Distributors												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3					
Slip Roads (Connection between Road P1 and KSWH)												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3					
STAGE 1												
Development Stage 1 - Contract S1C1												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3					
Site formation for Port Back-up and Storage Use site												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3					
Site development for Port Back-up and Storage Use site												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW11 YLPMSAA Tang Siu Tong Secondary School

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030		20		
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2			
ADVANCED WORKS																												
Advanced Works - Phase 1 - Contract AWC1																												
Site formation for residential site 5-26																												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																					
Site development for residential site 5-26																												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																					
Advanced Works - Phase 2 - Contract AWC2																												
Site formation for ESS 1																												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																					
Site formation for residential site 4-20, 5-24																												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																					
Site development for residential site 4-20, 5-24																												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																					
Advanced Works - Phase 3 - Contract AWC3																												
Site formation for residential, G/C, commercial and industrial development areas																												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-16	106	3	219	-54.8	5	3																					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	280	-56.9	5	3	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57	57
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																					
Site development for residential, G/C, commercial and industrial development areas																												
AWC1-vd	Site development for Site 5-16	108	1	219	-54.8	0	3	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56	56
AWC1-vd	Site development for Site 5-36	108																										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																					
Advance Works Stage - Contract AWC4																												
Road P1 and associated works, and other District Distributors																												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																					
Slip Roads (Connection between Road P1 and KSWH)																												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																					
STAGE 1																												
Development Stage 1 - Contract S1C1																												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																					
Site formation for Port Back-up and Storage Use site																												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																					
Site development for Port Back-up and Storage Use site																												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW11 YLPMSAA Tang Siu Tong Secondary School

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2038				
								Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS												
Advanced Works - Phase 1 - Contract AWC1												
Site formation for residential site 5-26												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3					
Site development for residential site 5-26												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3					
Advanced Works - Phase 2 - Contract AWC2												
Site formation for ESS 1												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3					
Site formation for residential site 4-20, 5-24												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3					
Site development for residential site 4-20, 5-24												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3					
Advanced Works - Phase 3 - Contract AWC3												
Site formation for residential, G/C, commercial and industrial development areas												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-16	106	3	219	-54.8	5	3					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	280	-56.9	5	3					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3					
Site development for residential, G/C, commercial and industrial development areas												
AWC1-vd	Site development for Site 5-16	108	1	219	-54.8	0	3					
AWC1-vd	Site development for Site 5-36	108										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3					
Advance Works Stage - Contract AWC4												
Road P1 and associated works, and other District Distributors												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3					
Slip Roads (Connection between Road P1 and KSWH)												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3					
STAGE 1												
Development Stage 1 - Contract S1C1												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3					
Site formation for Port Back-up and Storage Use site												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3					
Site development for Port Back-up and Storage Use site												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETSW11 YLPMSAA Tang Siu Tong Secondary School

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	Year																											
								2031				2032				2033				2034				2035				2036				2037			
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4		
S1C1-ii	Site development for site 3-8 - part 2	118	1	n/a	--	0	3																												
STAGE 2																																			
Development Stage 2 - Contract S2C1																																			
District Distributor Road D6, D7 and D8, and local roads																																			
S2C1-i	Road D6 - part 1	106	4	n/a	--	6	3																												
S2C1-i	Road D6 - part 2	106	4	n/a	--	6	3																												
S2C1-i	Road D7 and Road D8 - part 1	106	1	n/a	--	0	3																												
S2C1-i	Road D8 - part 2	106	2	n/a	--	3	3																												
S2C1-i	Road D8 - part 3	106	1	n/a	--	0	3																												
S2C1-i	Road D6 - Underpass	106	2	n/a	--	3	3																												
S2C1-ii	A new Sewage Pumping Station SPS 3 and associated rising main from SPS3 to SPS2 SPS3 at site 3-41 and associated rising mains	117	1	n/a	--	0	3																												
Site formation and development for Fresh Water Service Reservoir																																			
S2C1-iii	Site formation and development for Fresh Water Service Reservoir	131	1	n/a	--	0	3																												
Site formation for residential & commercial developments, G/IC and Open Space areas																																			
S2C1-vf	Site formation for sites 4-1, 4-2, 4-3, 4-4 and 4-5	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-6, 4-7, 4-8, 4-9, 4-10 and 4-23	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for site 4-11	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-12a, 4-12b, 4-12c, 4-13a and 4-13b	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-19 and associated area	107	1	n/a	--	0	3																												
S2C1-vf	Site formation for sites 4-15, 4-16, 4-17, 4-12d, 4-21, 4-37 and associated area	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-31, 4-32, 4-33 and 4-36	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for sites 4-24, 4-25a, 4-25b, 4-25c, 4-26, 4-29, 4-14 and 4-34	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for site 3-52	107	4	n/a	--	6	3																												
S2C1-vf	Site formation for site 3-51	107	4	n/a	--	6	3																												
Site development for residential & commercial developments, G/IC and Open Space areas																																			
S2C1-vd	Site development for 4-1, 4-2,4-3,4-6, 4-7,4-8,4-11,4-15	108	2	n/a	--	3	3																												
S2C1-vd	Site development for 4-19,4-36,4-33,4-31,4-32,4-21,4-24	108	2	n/a	--	3	3																												
Site formation for a new District Cooling System																																			
S2C1-vif	Site formation for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																												
Site development for a new District Cooling System																																			
S2C1-vid	Site development for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																												
Development Stage 2 - Contract S2C2																																			
District Distributor Road D1, a section of Road D3 and local roads																																			
S2C2-i	Road D3	114	2	n/a	--	3	3																												
S2C2-i	Road D1	114	2	n/a	--	3	3																												
S2C2-i	Local Roads connecting to Road D1	114	2	n/a	--	3	3																												
S2C2-i	Road D3 - Underpass	114	1	n/a	--	0	3																												
Site formation for a new HSK STW																																			
S2C2-ii	Site formation for 3-26 part 1	117	1	n/a	--	0	3																												
S2C2-ii	Site formation for 3-26 part 2	117	1	n/a	--	0	3																												
Site development for a new HSK STW																																			
S2C2-ii	Site development for 3-26	117	1	n/a	--	0	3																												
A new Sewage Pumping Station SPS4 and associated rising mains																																			
S2C2-iii	SPS 4 at site 2-34	117	1	n/a	--	0	3																												
Associated rising mains																																			
A new TSE reservoirs and associated pumping stations and rising mains																																			
S2C2-iv	site 5-40	131	1	n/a	--	0	3																												
Site formation for Port Back-up and Storage Use sites, Refuse Transfer Station																																			
S2C2-vf	Sites 3-14, 3-18 and 3-19	111	4	n/a	--	6	3																												
S2C2-vf	Sites 3-9, 3-11, 3-12 and 3-13	111	4	n/a	--	6	3																												
S2C2-vf	Sites 3-4 (part 1) and 3-5	111	4	n/a	--	6	3																												
S2C2-vf	Sites 3-1 and 3-4 (part 2)	111	4	n/a	--	6	3																												
Site development for Port Back-up and Storage Use sites, Refuse Transfer Station sites 3-9 and 3-4																																			
S2C2-vd	site 3-4	112	1	n/a	--	0	3																												
S2C2-vd	site 3-9	112	1	n/a	--	0	3																												
S2C2-vd	sites 3-13 and 3-14	112	2	n/a	--	3	3																												
S2C2-vd	sites 3-11 and 3-12	112	2	n/a	--	3	3																												
sites 3-18 and 3-5																																			
S2C2-vd	site 3-18	112	1	n/a	--	0	3																												
S2C2-vd	site 3-5	112	1	n/a	--	0	3																												
S2C2-vd	site 3-1	112	2	n/a	--	3	3																												
STAGE 3																																			
District Distributor Road D1, D4 and Ping Ha Road (Road D2) widening																																			
S3C1-i	Road D2 - part 1	106	3	n/a	--	5	3																												
S3C1-i	Road D2 - part 2	106	1	n/a	--	0	3																												
S3C1-i	Road D2 - part 3	106	1	48	-41.6	0	3																												
S3C1-i	Road D4	106	3	n/a	--	5	3																												
S3C1-i	Road D1 - part 1	106	3	n/a	--	5	3																												
S3C1-i	Road D1 - part 2	106	3	n/a	--	5	3																												
S3C1-i	Roads connecting to Fung Kong Tsuen	106	3	n/a	--	5	3																												
S3C1-i	Roads serving hospital	106	3	255	-56.1	5	3																												
S3C1-i	Road D4 - Underpass	106	1	n/a	--	0	3																												
S3C1-i	Road D2 - Underpass	106	1	n/a	--	0	3																												
Site formation for residential, commercial and G/IC sites																																			

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: E53903 Village house, Tin Ha Road

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030		2031		
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																												
Advanced Works - Phase 1 - Contract AWC1																												
Site formation for residential site 5-26																												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																					
Site development for residential site 5-26																												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																					
Advanced Works - Phase 2 - Contract AWC2																												
Site formation for ESS 1																												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																					
Site formation for residential site 4-20, 5-24																												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																					
Site development for residential site 4-20, 5-24																												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																					
Advanced Works - Phase 3 - Contract AWC3																												
Site formation for residential, G/IC, commercial and industrial development areas																												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	249	-55.9	5	3																					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																					
Site development for residential, G/IC, commercial and industrial development areas																												
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-36	108																										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	249	-55.9	3	3	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																					
Advance Works Stage - Contract AWC4																												
Road P1 and associated works, and other District Distributors																												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																					
Slip Roads (Connection between Road P1 and KSWH)																												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																					
STAGE 1																												
Development Stage 1 - Contract S1C1																												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																					
Site formation for Port Back-up and Storage Use site																												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																					
Site development for Port Back-up and Storage Use site																												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ETST05b

No. 143, Tin Sum, (West Façade)

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance ,m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2026				2027				2028				2029				2030		2031		
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1
ADVANCED WORKS																												
Advanced Works - Phase 1 - Contract AWC1																												
Site formation for residential site 5-26																												
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																					
Site development for residential site 5-26																												
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																					
Advanced Works - Phase 2 - Contract AWC2																												
Site formation for ESS 1																												
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																					
Site formation for residential site 4-20, 5-24																												
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																					
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																					
Site development for residential site 4-20, 5-24																												
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																					
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																					
Advanced Works - Phase 3 - Contract AWC3																												
Site formation for residential, G/C, commercial and industrial development areas																												
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																					
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																					
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																					
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																					
Site development for residential, G/C, commercial and industrial development areas																												
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-36	108																										
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																					
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																					
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																					
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																												
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																					
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																					
Advance Works Stage - Contract AWC4																												
Road P1 and associated works, and other District Distributors																												
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																					
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																					
Slip Roads (Connection between Road P1 and KSWH)																												
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																					
STAGE 1																												
Development Stage 1 - Contract S1C1																												
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																												
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																					
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																					
Site formation for Port Back-up and Storage Use site																												
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																					
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																					
Site development for Port Back-up and Storage Use site																												
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																					
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																					

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: EBC01 House 15, Bellevue Court

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2025				2026				2027				2028				2029				2030			2031		
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
ADVANCED WORKS																																	
Advanced Works - Phase 1 - Contract AWC1																																	
Site formation for residential site 5-26																																	
AWC1-iii	Site formation for site 5-26	111	1	203	-54.1	0	3																										
Site development for residential site 5-26																																	
AWC1-iii	Site development for site 5-26	116	1	203	-54.1	0	3																										
Advanced Works - Phase 2 - Contract AWC2																																	
Site formation for ESS 1																																	
AWC1-iv	Site formation for site 5-19	112	1	n/a	--	0	3																										
Site formation for residential site 4-20, 5-24																																	
AWC1-iv	Site formation for site 5-24 (Portion 1)	112	1	111	-48.9	0	3																										
AWC1-iv	Site formation for site 4-20	112	1	n/a	--	0	3																										
Site development for residential site 4-20, 5-24																																	
AWC1-iv	Site development for site 5-24 (Portion 1)	111	1	111	-48.9	0	3																										
AWC1-iv	Site development for site 4-20	111	1	n/a	--	0	3																										
Advanced Works - Phase 3 - Contract AWC3																																	
Site formation for residential, G/C, commercial and industrial development areas																																	
AWC1-v	Site formation for Site 4-22	106	4	n/a	--	6	3																										
AWC1-v	Site formation for Site 5-16	106	3	n/a	--	5	3																										
AWC1-v	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	73	-45.2	5	3	68	68																								
AWC1-v	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																										
AWC1-v	Site formation for Site 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																										
AWC1-v	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	215	-54.6	6	3																										
AWC1-v	Site formation for Site 5-32	106	1	n/a	--	0	3																										
AWC1-v	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																										
Site development for residential, G/C, commercial and industrial development areas																																	
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Site 5-36	108																															
Site development for Site 4-28 and 5-24 (portion 2)																																	
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	215	-54.6	3	3																										
Site development for Site 4-22																																	
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																										
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																																	
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																										
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																										
Advance Works Stage - Contract AWC4																																	
Road P1 and associated works, and other District Distributors																																	
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																										
Slip Roads (Connection between Road P1 and KSWH)																																	
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																										
STAGE 1																																	
Development Stage 1 - Contract S1C1																																	
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																																	
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																										
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																										
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																										
Site formation for Port Back-up and Storage Use site																																	
S1C1-ii	Site formation for site 2-18	117	1	n/a	--	0	3																										
S1C1-ii	Site formation for site 2-19	117	1	n/a	--	0	3																										
S1C1-ii	Site formation for site 3-6	117	1	n/a	--	0	3																										
S1C1-ii	Site formation for site 3-7	117	1	n/a	--	0	3																										
S1C1-ii	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																										
S1C1-ii	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																										
Site development for Port Back-up and Storage Use site																																	
S1C1-iii	Site development for site 2-18	118	1	n/a	--	0	3																										
S1C1-iii	Site development for site 2-19	118	1	n/a	--	0	3																										
S1C1-iii	Site development for site 3-6	118	1	n/a	--	0	3																										
S1C1-iii	Site development for site 3-7	118	1	n/a	--	0	3																										
S1C1-iii	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																										

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: E53905 Village House, Hung Shui Kiu Tin Sam Road

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024			
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS																															
Advanced Works - Phase 1 - Contract AWC1																															
Site formation for residential site 5-26																															
AWC1-iii	Site formation for site 5-26	111	1	172	-52.7	0	3	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62		
Site development for residential site 5-26																															
AWC1-iii	Site development for site 5-26	116	1	172	-52.7	0	3																								
Advanced Works - Phase 2 - Contract AWC2																															
Site formation for ESS 1																															
AWC1-iv	Site formation for site 5-19	112	1	n/a	--	0	3																								
Site formation for residential site 4-20, 5-24																															
AWC1-iv	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																								
AWC1-iv	Site formation for site 4-20	112	1	n/a	--	0	3																								
Site development for residential site 4-20, 5-24																															
AWC1-iv	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																								
AWC1-iv	Site development for site 4-20	111	1	n/a	--	0	3																								
Advanced Works - Phase 3 - Contract AWC3																															
Site formation for residential, G/C, commercial and industrial development areas																															
AWC1-iv	Site formation for Site 4-22	106	4	n/a	--	6	3																								
AWC1-iv	Site formation for Site 5-16	106	3	n/a	--	5	3																								
AWC1-iv	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	276	-56.8	5	3																								
AWC1-iv	Site formation for Site 5-36, 5-37 and 5-38	106	3	79	-45.9	5	3																								
AWC1-iv	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																								
AWC1-iv	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	233	-55.3	6	3																								
AWC1-iv	Site formation for Site 5-32	106	1	n/a	--	0	3																								
AWC1-iv	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																								
Site development for residential, G/C, commercial and industrial development areas																															
AWC1-iv	Site development for Site 5-16	108	1	n/a	--	0	3																								
AWC1-iv	Site development for Site 5-36	108																													
AWC1-iv	Site development for Site 4-28 and 5-24 (portion 2)	108	2	276	-56.8	3	3																								
AWC1-iv	Site development for Sites 5-37 and 5-38	108	1	51	-42.1	0	3																								
AWC1-iv	Site development for Sites 5-27 and 5-28	108	2	221	-54.9	3	3																								
AWC1-iv	Site development for Site 4-22	108	1	n/a	--	0	3																								
AWC1-iv	Site development for Sites 5-29 and 5-30	108	1	296	-57.4	0	3																								
AWC1-iv	Site development for Site 5-21	108	2	n/a	--	3	3																								
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																															
AWC1-iv	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																								
AWC1-iv	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																								
Advance Works Stage - Contract AWC4																															
Road P1 and associated works, and other District Distributors																															
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																								
Slip Roads (Connection between Road P1 and KSWH)																															
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																								
STAGE 1																															
Development Stage 1 - Contract S1C1																															
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																															
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use site																															
S1C1-ii	Site formation for site 2-18	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 2-19	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 3-6	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 3-7	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																								
Site development for Port Back-up and Storage Use site																															
S1C1-ii	Site development for site 2-18	118	1	n/a	--	0	3																								
S1C1-ii	Site development for site 2-19	118	1	n/a	--	0	3																								
S1C1-ii	Site development for site 3-6	118	1	n/a	--	0	3																								
S1C1-ii	Site development for site 3-7	118	1	n/a	--	0	3																								
S1C1-ii	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																								

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: E52505 Hung Yan House, Hung Fuk Estate

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024			
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS																															
Advanced Works - Phase 1 - Contract AWC1																															
Site formation for residential site 5-26																															
AWC1-iff	Site formation for site 5-26	111	1	170	-52.6	0	3	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62	62		
Site development for residential site 5-26																															
AWC1-iid	Site development for site 5-26	116	1	170	-52.6	0	3																								
Advanced Works - Phase 2 - Contract AWC2																															
Site formation for ESS 1																															
AWC1-iff	Site formation for site 5-19	112	1	n/a	--	0	3																								
Site formation for residential site 4-20, 5-24																															
AWC1-iff	Site formation for site 5-24 (Portion 1)	112	1	111	-48.9	0	3																								
AWC1-iff	Site formation for site 4-20	112	1	n/a	--	0	3																								
Site development for residential site 4-20, 5-24																															
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	111	-48.9	0	3																								
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																								
Advanced Works - Phase 3 - Contract AWC3																															
Site formation for residential, G/C, commercial and industrial development areas																															
AWC1-ivf	Site formation for Site 4-22	106	4	n/a	--	6	3																								
AWC1-ivf	Site formation for Site 5-16	106	3	n/a	--	5	3																								
AWC1-ivf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	62	-43.8	5	3																								
AWC1-ivf	Site formation for Site 5-36, 5-37 and 5-38	106	3	268	-56.5	5	3																								
AWC1-ivf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																								
AWC1-ivf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	70	-44.9	6	3																								
AWC1-ivf	Site formation for Site 5-32	106	1	n/a	--	0	3																								
AWC1-ivf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																								
Site development for residential, G/C, commercial and industrial development areas																															
AWC1-ivd	Site development for Site 5-16	108	1	n/a	--	0	3																								
AWC1-ivd	Site development for Site 5-36	108																													
AWC1-ivd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	62	-43.8	3	3																								
AWC1-ivd	Site development for Sites 5-37 and 5-38	108	1	292	-57.3	0	3																								
AWC1-ivd	Site development for Sites 5-27 and 5-28	108	2	108	-48.7	3	3																								
AWC1-ivd	Site development for Site 4-22	108	1	n/a	--	0	3																								
AWC1-ivd	Site development for Sites 5-29 and 5-30	108	1	52	-42.3	0	3																								
AWC1-ivd	Site development for Site 5-21	108	2	n/a	--	3	3																								
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																															
AWC1-ivi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																								
AWC1-ivi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																								
Advance Works Stage - Contract AWC4																															
Road P1 and associated works, and other District Distributors																															
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																								
Slip Roads (Connection between Road P1 and KSWH)																															
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																								
STAGE 1																															
Development Stage 1 - Contract S1C1																															
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																															
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use site																															
S1C1-iff	Site formation for site 2-18	117	1	n/a	--	0	3																								
S1C1-iff	Site formation for site 2-19	117	1	n/a	--	0	3																								
S1C1-iff	Site formation for site 3-6	117	1	n/a	--	0	3																								
S1C1-iff	Site formation for site 3-7	117	1	n/a	--	0	3																								
S1C1-iff	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																								
S1C1-iff	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																								
Site development for Port Back-up and Storage Use site																															
S1C1-iid	Site development for site 2-18	118	1	n/a	--	0	3																								
S1C1-iid	Site development for site 2-19	118	1	n/a	--	0	3																								
S1C1-iid	Site development for site 3-6	118	1	n/a	--	0	3																								
S1C1-iid	Site development for site 3-7	118	1	n/a	--	0	3																								
S1C1-iid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																								

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: EHUT01 No. 141, Hung Uk Tsuen

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024			
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS																															
Advanced Works - Phase 1 - Contract AWC1																															
Site formation for residential site 5-26																															
AWC1-iii	Site formation for site 5-26	111	1	n/a	--	0	3																								
Site development for residential site 5-26																															
AWC1-iii	Site development for site 5-26	116	1	n/a	--	0	3																								
Advanced Works - Phase 2 - Contract AWC2																															
Site formation for ESS 1																															
AWC1-iv	Site formation for site 5-19	112	1	n/a	--	0	3																								
Site formation for residential site 4-20, 5-24																															
AWC1-iv	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																								
AWC1-iv	Site formation for site 4-20	112	1	n/a	--	0	3																								
Site development for residential site 4-20, 5-24																															
AWC1-iv	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																								
AWC1-iv	Site development for site 4-20	111	1	n/a	--	0	3																								
Advanced Works - Phase 3 - Contract AWC3																															
Site formation for residential, G/C, commercial and industrial development areas																															
AWC1-v	Site formation for Site 4-22	106	4	n/a	--	6	3																								
AWC1-v	Site formation for Site 5-16	106	3	n/a	--	5	3																								
AWC1-v	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																								
AWC1-v	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																								
AWC1-v	Site formation for Site 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																								
AWC1-v	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																								
AWC1-v	Site formation for Site 5-32	106	1	n/a	--	0	3																								
AWC1-v	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																								
Site development for residential, G/C, commercial and industrial development areas																															
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-36	108																													
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																								
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																															
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																								
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																								
Advance Works Stage - Contract AWC4																															
Road P1 and associated works, and other District Distributors																															
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																								
Slip Roads (Connection between Road P1 and KSWH)																															
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																								
STAGE 1																															
Development Stage 1 - Contract S1C1																															
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																															
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use site																															
S1C1-ii	Site formation for site 2-18	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 2-19	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 3-6	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 3-7	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																								
Site development for Port Back-up and Storage Use site																															
S1C1-ii	Site development for site 2-18	118	1	n/a	--	0	3																								
S1C1-ii	Site development for site 2-19	118	1	n/a	--	0	3																								
S1C1-ii	Site development for site 3-6	118	1	n/a	--	0	3																								
S1C1-ii	Site development for site 3-7	118	1	n/a	--	0	3																								
S1C1-ii	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																								

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ESPT04 Village house, Shek Po Tsuen

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024			
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS																															
Advanced Works - Phase 1 - Contract AWC1																															
Site formation for residential site 5-26																															
AWC1-iii	Site formation for site 5-26	111	1	n/a	--	0	3																								
Site development for residential site 5-26																															
AWC1-iii	Site development for site 5-26	116	1	n/a	--	0	3																								
Advanced Works - Phase 2 - Contract AWC2																															
Site formation for ESS 1																															
AWC1-iv	Site formation for site 5-19	112	1	75	-45.5	0	3					70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70	70		
Site formation for residential site 4-20, 5-24																															
AWC1-iv	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																								
AWC1-iv	Site formation for site 4-20	112	1	n/a	--	0	3																								
Site development for residential site 4-20, 5-24																															
AWC1-iv	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																								
AWC1-iv	Site development for site 4-20	111	1	n/a	--	0	3																								
Advanced Works - Phase 3 - Contract AWC3																															
Site formation for residential, G/C, commercial and industrial development areas																															
AWC1-v	Site formation for Site 4-22	106	4	n/a	--	6	3																								
AWC1-v	Site formation for Site 5-16	106	3	n/a	--	5	3																								
AWC1-v	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	99	-47.9	5	3																								
AWC1-v	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																								
AWC1-v	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																								
AWC1-v	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																								
AWC1-v	Site formation for Site 5-32	106	1	n/a	--	0	3																								
AWC1-v	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																								
Site development for residential, G/C, commercial and industrial development areas																															
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-36	108	1	n/a	--	0	3																								
Site development for Site 4-28 and 5-24 (portion 2)																															
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																								
Site development for Site 4-22																															
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-21	108	2	99	-47.9	3	3																								
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																															
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																								
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																								
Advance Works Stage - Contract AWC4																															
Road P1 and associated works, and other District Distributors																															
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																								
Slip Roads (Connection between Road P1 and KSWH)																															
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																								
STAGE 1																															
Development Stage 1 - Contract S1C1																															
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																															
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use site																															
S1C1-ii	Site formation for site 2-18	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 2-19	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 3-6	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 3-7	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																								
Site development for Port Back-up and Storage Use site																															
S1C1-iii	Site development for site 2-18	118	1	n/a	--	0	3																								
S1C1-iii	Site development for site 2-19	118	1	n/a	--	0	3																								
S1C1-iii	Site development for site 3-6	118	1	n/a	--	0	3																								
S1C1-iii	Site development for site 3-7	118	1	n/a	--	0	3																								
S1C1-iii	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																								

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ESPT05 No. 215, Shek Po Tsuen

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2025				2026				2027				2028				2029				2030			2031		
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
ADVANCED WORKS																																	
Advanced Works - Phase 1 - Contract AWC1																																	
Site formation for residential site 5-26																																	
AWC1-iii	Site formation for site 5-26	111	1	n/a	--	0	3																										
Site development for residential site 5-26																																	
AWC1-iii	Site development for site 5-26	116	1	n/a	--	0	3																										
Advanced Works - Phase 2 - Contract AWC2																																	
Site formation for ESS 1																																	
AWC1-iv	Site formation for site 5-19	112	1	n/a	--	0	3																										
Site formation for residential site 4-20, 5-24																																	
AWC1-iv	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																										
AWC1-iv	Site formation for site 4-20	112	1	n/a	--	0	3																										
Site development for residential site 4-20, 5-24																																	
AWC1-iv	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																										
AWC1-iv	Site development for site 4-20	111	1	n/a	--	0	3																										
Advanced Works - Phase 3 - Contract AWC3																																	
Site formation for residential, G/C, commercial and industrial development areas																																	
AWC1-v	Site formation for Site 4-22	106	4	n/a	--	6	3																										
AWC1-v	Site formation for Site 5-16	106	3	n/a	--	5	3																										
AWC1-v	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	252.67	-56.0	5	3	58	58																								
AWC1-v	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																										
AWC1-v	Site formation for Site 5-17, 5-18a and 5-18b	106	3	222.12	-54.9	5	3			59	59	59	59	59	59	59	59	59	59														
AWC1-v	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																										
AWC1-v	Site formation for Site 5-32	106	1	n/a	--	0	3																										
AWC1-v	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																										
Site development for residential, G/C, commercial and industrial development areas																																	
AWC1-iv	Site development for Site 5-16	108	1	n/a	--	0	3																										
AWC1-iv	Site development for Site 5-36	108																															
AWC1-iv	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																										
AWC1-iv	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																										
AWC1-iv	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																										
AWC1-iv	Site development for Site 4-22	108	1	n/a	--	0	3																										
AWC1-iv	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																										
AWC1-iv	Site development for Site 5-21	108	2	259.61	-56.3	3	3																										
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																																	
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																										
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																										
Advance Works Stage - Contract AWC4																																	
Road P1 and associated works, and other District Distributors																																	
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																										
Slip Roads (Connection between Road P1 and KSWH)																																	
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																										
STAGE 1																																	
Development Stage 1 - Contract S1C1																																	
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																																	
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																										
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																										
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																										
Site formation for Port Back-up and Storage Use site																																	
S1C1-iii	Site formation for site 2-18	117	1	n/a	--	0	3																										
S1C1-iii	Site formation for site 2-19	117	1	n/a	--	0	3																										
S1C1-iii	Site formation for site 3-6	117	1	n/a	--	0	3																										
S1C1-iii	Site formation for site 3-7	117	1	n/a	--	0	3																										
S1C1-iii	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																										
S1C1-iii	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																										
Site development for Port Back-up and Storage Use site																																	
S1C1-iii	Site development for site 2-18	118	1	n/a	--	0	3																										
S1C1-iii	Site development for site 2-19	118	1	n/a	--	0	3																										
S1C1-iii	Site development for site 3-6	118	1	n/a	--	0	3																										
S1C1-iii	Site development for site 3-7	118	1	n/a	--	0	3																										
S1C1-iii	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																										

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: ESCL01 No. 06, Sha Chau Lei Tsuen

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024			
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS																															
Advanced Works - Phase 1 - Contract AWC1																															
Site formation for residential site 5-26																															
AWC1-iii	Site formation for site 5-26	111	1	n/a	--	0	3																								
Site development for residential site 5-26																															
AWC1-iii	Site development for site 5-26	116	1	n/a	--	0	3																								
Advanced Works - Phase 2 - Contract AWC2																															
Site formation for ESS 1																															
AWC1-iv	Site formation for site 5-19	112	1	n/a	--	0	3																								
Site formation for residential site 4-20, 5-24																															
AWC1-iv	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																								
AWC1-iv	Site formation for site 4-20	112	1	n/a	--	0	3																								
Site development for residential site 4-20, 5-24																															
AWC1-iv	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																								
AWC1-iv	Site development for site 4-20	111	1	n/a	--	0	3																								
Advanced Works - Phase 3 - Contract AWC3																															
Site formation for residential, G/C, commercial and industrial development areas																															
AWC1-v	Site formation for Site 4-22	106	4	n/a	--	6	3																								
AWC1-v	Site formation for Site 5-16	106	3	278.98	-56.9	5	3																								
AWC1-v	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																								
AWC1-v	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																								
AWC1-v	Site formation for Site 5-17, 5-18a and 5-18b	106	3	240.77	-55.6	5	3																								
AWC1-v	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																								
AWC1-v	Site formation for Site 5-32	106	1	n/a	--	0	3																								
AWC1-v	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																								
Site development for residential, G/C, commercial and industrial development areas																															
AWC1-vd	Site development for Site 5-16	108	1	278.98	-56.9	0	3																								
AWC1-vd	Site development for Site 5-36	108																													
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																								
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																								
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																								
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																															
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																								
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																								
Advance Works Stage - Contract AWC4																															
Road P1 and associated works, and other District Distributors																															
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																								
Slip Roads (Connection between Road P1 and KSWH)																															
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																								
STAGE 1																															
Development Stage 1 - Contract S1C1																															
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																															
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use site																															
S1C1-ii	Site formation for site 2-18	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 2-19	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 3-6	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 3-7	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																								
S1C1-ii	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																								
Site development for Port Back-up and Storage Use site																															
S1C1-iii	Site development for site 2-18	118	1	n/a	--	0	3																								
S1C1-iii	Site development for site 2-19	118	1	n/a	--	0	3																								
S1C1-iii	Site development for site 3-6	118	1	n/a	--	0	3																								
S1C1-iii	Site development for site 3-7	118	1	n/a	--	0	3																								
S1C1-iii	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																								

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: EFKT03 No.80, Fung Kong Tsuen

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024			
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS																															
Advanced Works - Phase 1 - Contract AWC1																															
Site formation for residential site 5-26																															
AWC1-iii	Site formation for site 5-26	111	1	n/a	--	0	3																								
Site development for residential site 5-26																															
AWC1-iii	Site development for site 5-26	116	1	n/a	--	0	3																								
Advanced Works - Phase 2 - Contract AWC2																															
Site formation for ESS 1																															
AWC1-iv	Site formation for site 5-19	112	1	n/a	--	0	3																								
Site formation for residential site 4-20, 5-24																															
AWC1-iv	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																								
AWC1-iv	Site formation for site 4-20	112	1	n/a	--	0	3																								
Site development for residential site 4-20, 5-24																															
AWC1-iv	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																								
AWC1-iv	Site development for site 4-20	111	1	n/a	--	0	3																								
Advanced Works - Phase 3 - Contract AWC3																															
Site formation for residential, G/C, commercial and industrial development areas																															
AWC1-v	Site formation for Site 4-22	106	4	n/a	--	6	3																								
AWC1-v	Site formation for Site 5-16	106	3	n/a	--	5	3																								
AWC1-v	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																								
AWC1-v	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																								
AWC1-v	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																								
AWC1-v	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																								
AWC1-v	Site formation for Site 5-32	106	1	n/a	--	0	3																								
AWC1-v	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																								
Site development for residential, G/C, commercial and industrial development areas																															
AWC1-iv	Site development for Site 5-16	108	1	n/a	--	0	3																								
AWC1-iv	Site development for Site 5-36	108																													
AWC1-iv	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																								
AWC1-iv	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																								
AWC1-iv	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																								
AWC1-iv	Site development for Site 4-22	108	1	n/a	--	0	3																								
AWC1-iv	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																								
AWC1-iv	Site development for Site 5-21	108	2	n/a	--	3	3																								
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																															
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																								
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																								
Advance Works Stage - Contract AWC4																															
Road P1 and associated works, and other District Distributors																															
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																								
Slip Roads (Connection between Road P1 and KSWH)																															
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																								
STAGE 1																															
Development Stage 1 - Contract S1C1																															
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																															
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use site																															
S1C1-iii	Site formation for site 2-18	117	1	285.43	-57.1	0	3																								
S1C1-iii	Site formation for site 2-19	117	1	259.24	-56.3	0	3																								
S1C1-iii	Site formation for site 3-6	117	1	n/a	--	0	3																								
S1C1-iii	Site formation for site 3-7	117	1	n/a	--	0	3																								
S1C1-iii	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																								
S1C1-iii	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																								
Site development for Port Back-up and Storage Use site																															
S1C1-iii	Site development for site 2-18	118	1	285.43	-57.1	0	3																								
S1C1-iii	Site development for site 2-19	118	1	259.24	-56.3	0	3																								
S1C1-iii	Site development for site 3-6	118	1	n/a	--	0	3																								
S1C1-iii	Site development for site 3-7	118	1	n/a	--	0	3																								
S1C1-iii	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																								

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: EFKT04 No.23F, Fung Kong Tsuen

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024			
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS																															
Advanced Works - Phase 1 - Contract AWC1																															
Site formation for residential site 5-26																															
AWC1-iii	Site formation for site 5-26	111	1	n/a	--	0	3																								
Site development for residential site 5-26																															
AWC1-iii	Site development for site 5-26	116	1	n/a	--	0	3																								
Advanced Works - Phase 2 - Contract AWC2																															
Site formation for ESS 1																															
AWC1-iv	Site formation for site 5-19	112	1	n/a	--	0	3																								
Site formation for residential site 4-20, 5-24																															
AWC1-iv	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																								
AWC1-iv	Site formation for site 4-20	112	1	n/a	--	0	3																								
Site development for residential site 4-20, 5-24																															
AWC1-iv	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																								
AWC1-iv	Site development for site 4-20	111	1	n/a	--	0	3																								
Advanced Works - Phase 3 - Contract AWC3																															
Site formation for residential, G/C, commercial and industrial development areas																															
AWC1-v	Site formation for Site 4-22	106	4	n/a	--	6	3																								
AWC1-v	Site formation for Site 5-16	106	3	n/a	--	5	3																								
AWC1-v	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																								
AWC1-v	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																								
AWC1-v	Site formation for Site 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																								
AWC1-v	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																								
AWC1-v	Site formation for Site 5-32	106	1	n/a	--	0	3																								
AWC1-v	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																								
Site development for residential, G/C, commercial and industrial development areas																															
AWC1-iv	Site development for Site 5-16	108	1	n/a	--	0	3																								
AWC1-iv	Site development for Site 5-36	108																													
Site development for Site 4-28 and 5-24 (portion 2)																															
AWC1-iv	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																								
Site development for Sites 5-27 and 5-28																															
AWC1-iv	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																								
Site development for Site 4-22																															
AWC1-iv	Site development for Site 4-22	108	1	n/a	--	0	3																								
Site development for Sites 5-29 and 5-30																															
AWC1-iv	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																								
Site development for Site 5-21																															
AWC1-iv	Site development for Site 5-21	108	2	n/a	--	3	3																								
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																															
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																								
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																								
Advance Works Stage - Contract AWC4																															
Road P1 and associated works, and other District Distributors																															
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																								
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																								
Slip Roads (Connection between Road P1 and KSWH)																															
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																								
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																								
STAGE 1																															
Development Stage 1 - Contract S1C1																															
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																															
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																								
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use site																															
S1C1-iii	Site formation for site 2-18	117	1	121.13	-49.6	0	3																								
S1C1-iii	Site formation for site 2-19	117	1	119.77	-49.5	0	3																								
S1C1-iii	Site formation for site 3-6	117	1	n/a	--	0	3																								
S1C1-iii	Site formation for site 3-7	117	1	n/a	--	0	3																								
S1C1-iii	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																								
S1C1-iii	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																								
Site development for Port Back-up and Storage Use site																															
S1C1-iii	Site development for site 2-18	118	1	121.13	-49.6	0	3																								
S1C1-iii	Site development for site 2-19	118	1	119.77	-49.5	0	3																								
S1C1-iii	Site development for site 3-6	118	1	n/a	--	0	3																								
S1C1-iii	Site development for site 3-7	118	1	n/a	--	0	3																								
S1C1-iii	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																								
S1C1-iii	Site development for site 3-8 - part 2	118	1	n/a	--	0	3																								

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 10354 Planned School in Area 1-3

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	25		2026				2027				2028				2029				2030				2031			
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS																																	
Advanced Works - Phase 1 - Contract AWC1																																	
Site formation for residential site 5-26																																	
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																										
Site development for residential site 5-26																																	
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																										
Advanced Works - Phase 2 - Contract AWC2																																	
Site formation for ESS 1																																	
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																										
Site formation for residential site 4-20, 5-24																																	
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																										
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																										
Site development for residential site 4-20, 5-24																																	
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																										
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																										
Advanced Works - Phase 3 - Contract AWC3																																	
Site formation for residential, G/C, commercial and industrial development areas																																	
AWC1-ivf	Site formation for Site 4-22	106	4	n/a	--	6	3																										
AWC1-ivf	Site formation for Site 5-16	106	3	n/a	--	5	3																										
AWC1-ivf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																										
AWC1-ivf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																										
AWC1-ivf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																										
AWC1-ivf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																										
AWC1-ivf	Site formation for Site 5-32	106	1	n/a	--	0	3																										
AWC1-ivf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																										
Site development for residential, G/C, commercial and industrial development areas																																	
AWC1-ivd	Site development for Site 5-16	108	1	n/a	--	0	3																										
AWC1-ivd	Site development for Site 5-36	108																															
AWC1-ivd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																										
AWC1-ivd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																										
AWC1-ivd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																										
AWC1-ivd	Site development for Site 4-22	108	1	n/a	--	0	3																										
AWC1-ivd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																										
AWC1-ivd	Site development for Site 5-21	108	2	n/a	--	3	3																										
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																																	
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																										
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																										
Advance Works Stage - Contract AWC4																																	
Road P1 and associated works, and other District Distributors																																	
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																										
Slip Roads (Connection between Road P1 and KSWH)																																	
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																										
STAGE 1																																	
Development Stage 1 - Contract S1C1																																	
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																																	
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																										
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																										
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																										
Site formation for Port Back-up and Storage Use site																																	
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																										
Site development for Port Back-up and Storage Use site																																	
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																										

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 10354 Planned School in Area 1-3

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024		20	
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
S1C1-iiid	Site development for site 3-8 - part 2	118	1	n/a	--	0	3																								
STAGE 2																															
Development Stage 2 - Contract S2C1																															
District Distributor Road D6, D7 and D8, and local roads																															
S2C1-i	Road D6 - part 1	106	4	n/a	--	6	3																								
S2C1-i	Road D6 - part 2	106	4	n/a	--	6	3																								
S2C1-i	Road D7 and Road D8 - part 1	106	1	n/a	--	0	3																								
S2C1-i	Road D8 - part 2	106	2	n/a	--	3	3																								
S2C1-i	Road D8 - part 3	106	1	n/a	--	0	3																								
S2C1-i	Road D6 - Underpass	106	2	n/a	--	3	3																								
A new Sewage Pumping Station SPS 3 and associated rising main from SPS3 to SPS2																															
S2C1-ii	SPS3 at site 3-41 and associated rising mains	117	1	n/a	--	0	3																								
Site formation and development for Fresh Water Service Reservoir																															
S2C1-iii	Site formation and development for Fresh Water Service Reservoir	131	1	n/a	--	0	3																								
Site formation for residential & commercial developments, G/C and Open Space areas																															
S2C1-vf	Site formation for sites 4-1, 4-2, 4-3, 4-4 and 4-5	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-6, 4-7, 4-8, 4-9, 4-10 and 4-23	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 4-11	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-12a, 4-12b, 4-12c, 4-13a and 4-13b	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-19 and associated area	107	1	n/a	--	0	3																								
S2C1-vf	Site formation for sites 4-15, 4-16, 4-17, 4-12d, 4-21, 4-37 and associated area	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-31, 4-32, 4-33 and 4-36	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-24, 4-25a, 4-25b, 4-25c, 4-26, 4-29, 4-14 and 4-34	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 3-52	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 3-51	107	4	n/a	--	6	3																								
Site development for residential & commercial developments, G/C and Open Space areas																															
S2C1-vd	Site development for 4-1, 4-2,4-3,4-6, 4-7,4-8,4-11,4-15	108	2	n/a	--	3	3																								
S2C1-vd	Site development for 4-19,4-36,4-33,4-31,4-32,4-21,4-24	108	2	n/a	--	3	3																								
Site formation for a new District Cooling System																															
S2C1-vif	Site formation for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Site development for a new District Cooling System																															
S2C1-vid	Site development for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Development Stage 2 - Contract S2C2																															
District Distributor Road D1, a section of Road D3 and local roads																															
S2C2-i	Road D3	114	2	n/a	--	3	3																								
S2C2-i	Road D1	114	2	n/a	--	3	3																								
S2C2-i	Local Roads connecting to Road D1	114	2	n/a	--	3	3																								
S2C2-i	Road D3 - Underpass	114	1	n/a	--	0	3																								
Site formation for a new HSK STW																															
S2C2-iiif	Site formation for 3-26 part 1	117	1	n/a	--	0	3																								
S2C2-iiif	Site formation for 3-26 part 2	117	1	n/a	--	0	3																								
Site development for a new HSK STW																															
S2C2-iid	Site development for 3-26	117	1	n/a	--	0	3																								
A new Sewage Pumping Station SPS4 and associated rising mains																															
S2C2-iii	SPS 4 at site 2-34	117	1	n/a	--	0	3																								
Associated rising mains																															
A new TSE reservoirs and associated pumping stations and rising mains																															
S2C2-iv	site 5-40	131	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use sites, Refuse Transfer Station																															
S2C2-vf	Sites 3-14, 3-18 and 3-19	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-9, 3-11, 3-12 and 3-13	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-4 (part 1) and 3-5	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-1 and 3-4 (part 2)	111	4	n/a	--	6	3																								
Site development for Port Back-up and Storage Use sites, Refuse Transfer Station sites 3-9 and 3-4																															
S2C2-vd	site 3-4	112	1	n/a	--	0	3																								
S2C2-vd	site 3-9	112	1	n/a	--	0	3																								
S2C2-vd	sites 3-13 and 3-14	112	2	n/a	--	3	3																								
S2C2-vd	sites 3-11 and 3-12	112	2	n/a	--	3	3																								
sites 3-18 and 3-5																															
S2C2-vd	site 3-18	112	1	n/a	--	0	3																								
S2C2-vd	site 3-5	112	1	n/a	--	0	3																								
S2C2-vd	site 3-1	112	2	n/a	--	3	3																								
STAGE 3																															
District Distributor Road D1, D4 and Ping Ha Road (Road D2) widening																															
S3C1-i	Road D2 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D2 - part 2	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - part 3	106	1	n/a	--	0	3																								
S3C1-i	Road D4	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 2	106	3	n/a	--	5	3																								
S3C1-i	Roads connecting to Fung Kong Tsuen	106	3	n/a	--	5	3																								
S3C1-i	Roads serving hospital	106	3	n/a	--	5	3																								
S3C1-i	Road D4 - Underpass	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - Underpass	106	1	n/a	--	0	3																								
Site formation for residential, commercial and G/C sites																															

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 11203 Planned Residential Development in Area 1-12

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024		20	
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
S1C1-iiid	Site development for site 3-8 - part 2	118	1	n/a	--	0	3																								
STAGE 2																															
Development Stage 2 - Contract S2C1																															
District Distributor Road D6, D7 and D8, and local roads																															
S2C1-i	Road D6 - part 1	106	4	n/a	--	6	3																								
S2C1-i	Road D6 - part 2	106	4	n/a	--	6	3																								
S2C1-i	Road D7 and Road D8 - part 1	106	1	n/a	--	0	3																								
S2C1-i	Road D8 - part 2	106	2	n/a	--	3	3																								
S2C1-i	Road D8 - part 3	106	1	n/a	--	0	3																								
S2C1-i	Road D6 - Underpass	106	2	n/a	--	3	3																								
A new Sewage Pumping Station SPS 3 and associated rising main from SPS3 to SPS2																															
S2C1-ii	SPS3 at site 3-41 and associated rising mains	117	1	n/a	--	0	3																								
Site formation and development for Fresh Water Service Reservoir																															
S2C1-iii	Site formation and development for Fresh Water Service Reservoir	131	1	n/a	--	0	3																								
Site formation for residential & commercial developments, G/C and Open Space areas																															
S2C1-vf	Site formation for sites 4-1, 4-2, 4-3, 4-4 and 4-5	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-6, 4-7, 4-8, 4-9, 4-10 and 4-23	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 4-11	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-12a, 4-12b, 4-12c, 4-13a and 4-13b	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-19 and associated area	107	1	n/a	--	0	3																								
S2C1-vf	Site formation for sites 4-15, 4-16, 4-17, 4-12d, 4-21, 4-37 and associated area	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-31, 4-32, 4-33 and 4-36	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-24, 4-25a, 4-25b, 4-25c, 4-26, 4-29, 4-14 and 4-34	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 3-52	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 3-51	107	4	n/a	--	6	3																								
Site development for residential & commercial developments, G/C and Open Space areas																															
S2C1-vd	Site development for 4-1, 4-2,4-3,4-6, 4-7,4-8,4-11,4-15	108	2	n/a	--	3	3																								
S2C1-vd	Site development for 4-19,4-36,4-33,4-31,4-32,4-21,4-24	108	2	n/a	--	3	3																								
Site formation for a new District Cooling System																															
S2C1-vif	Site formation for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Site development for a new District Cooling System																															
S2C1-vid	Site development for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Development Stage 2 - Contract S2C2																															
District Distributor Road D1, a section of Road D3 and local roads																															
S2C2-i	Road D3	114	2	n/a	--	3	3																								
S2C2-i	Road D1	114	2	n/a	--	3	3																								
S2C2-i	Local Roads connecting to Road D1	114	2	n/a	--	3	3																								
S2C2-i	Road D3 - Underpass	114	1	n/a	--	0	3																								
Site formation for a new HSK STW																															
S2C2-iiif	Site formation for 3-26 part 1	117	1	n/a	--	0	3																								
S2C2-iiif	Site formation for 3-26 part 2	117	1	n/a	--	0	3																								
Site development for a new HSK STW																															
S2C2-iid	Site development for 3-26	117	1	n/a	--	0	3																								
A new Sewage Pumping Station SPS4 and associated rising mains																															
S2C2-iii	SPS 4 at site 2-34	117	1	n/a	--	0	3																								
Associated rising mains																															
A new TSE reservoirs and associated pumping stations and rising mains																															
S2C2-iv	site 5-40	131	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use sites, Refuse Transfer Station																															
S2C2-vf	Sites 3-14, 3-18 and 3-19	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-9, 3-11, 3-12 and 3-13	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-4 (part 1) and 3-5	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-1 and 3-4 (part 2)	111	4	n/a	--	6	3																								
Site development for Port Back-up and Storage Use sites, Refuse Transfer Station sites 3-9 and 3-4																															
S2C2-vd	site 3-4	112	1	n/a	--	0	3																								
S2C2-vd	site 3-9	112	1	n/a	--	0	3																								
S2C2-vd	sites 3-13 and 3-14	112	2	n/a	--	3	3																								
S2C2-vd	sites 3-11 and 3-12	112	2	n/a	--	3	3																								
sites 3-18 and 3-5																															
S2C2-vd	site 3-18	112	1	n/a	--	0	3																								
S2C2-vd	site 3-5	112	1	n/a	--	0	3																								
S2C2-vd	site 3-1	112	2	n/a	--	3	3																								
STAGE 3																															
District Distributor Road D1, D4 and Ping Ha Road (Road D2) widening																															
S3C1-i	Road D2 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D2 - part 2	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - part 3	106	1	n/a	--	0	3																								
S3C1-i	Road D4	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 2	106	3	n/a	--	5	3																								
S3C1-i	Roads connecting to Fung Kong Tsuen	106	3	n/a	--	5	3																								
S3C1-i	Roads serving hospital	106	3	n/a	--	5	3																								
S3C1-i	Road D4 - Underpass	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - Underpass	106	1	n/a	--	0	3																								
Site formation for residential, commercial and G/C sites																															

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 11556 Planned School in Area 1-15

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	25	2026				2027				2028				2029				2030				2031			
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
ADVANCED WORKS																																
Advanced Works - Phase 1 - Contract AWC1																																
Site formation for residential site 5-26																																
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																									
Site development for residential site 5-26																																
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																									
Advanced Works - Phase 2 - Contract AWC2																																
Site formation for ESS 1																																
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																									
Site formation for residential site 4-20, 5-24																																
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																									
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																									
Site development for residential site 4-20, 5-24																																
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																									
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																									
Advanced Works - Phase 3 - Contract AWC3																																
Site formation for residential, G/C, commercial and industrial development areas																																
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																									
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																									
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																									
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																									
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																									
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																									
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																									
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																									
Site development for residential, G/C, commercial and industrial development areas																																
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																									
AWC1-vd	Site development for Site 5-36	108																														
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																									
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																									
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																									
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																									
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																									
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																									
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																																
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																									
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																									
Advance Works Stage - Contract AWC4																																
Road P1 and associated works, and other District Distributors																																
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																									
Slip Roads (Connection between Road P1 and KSWH)																																
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																									
STAGE 1																																
Development Stage 1 - Contract S1C1																																
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																																
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																									
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																									
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																									
Site formation for Port Back-up and Storage Use site																																
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																									
Site development for Port Back-up and Storage Use site																																
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																									

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 11702 Planned Residential Development in Area 1-17

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	25		2026				2027				2028				2029				2030				2031			
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS																																	
Advanced Works - Phase 1 - Contract AWC1																																	
Site formation for residential site 5-26																																	
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																										
Site development for residential site 5-26																																	
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																										
Advanced Works - Phase 2 - Contract AWC2																																	
Site formation for ESS 1																																	
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																										
Site formation for residential site 4-20, 5-24																																	
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																										
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																										
Site development for residential site 4-20, 5-24																																	
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																										
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																										
Advanced Works - Phase 3 - Contract AWC3																																	
Site formation for residential, G/C, commercial and industrial development areas																																	
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																										
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																										
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																										
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																										
Site development for residential, G/C, commercial and industrial development areas																																	
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Site 5-36	108																															
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																										
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																										
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																										
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																																	
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																										
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																										
Advance Works Stage - Contract AWC4																																	
Road P1 and associated works, and other District Distributors																																	
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																										
Slip Roads (Connection between Road P1 and KSWH)																																	
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																										
STAGE 1																																	
Development Stage 1 - Contract S1C1																																	
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																																	
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																										
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																										
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																										
Site formation for Port Back-up and Storage Use site																																	
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																										
Site development for Port Back-up and Storage Use site																																	
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																										

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 21901 Planned Residential Development in Area 2-19

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	25		2026				2027				2028				2029				2030				2031			
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS																																	
Advanced Works - Phase 1 - Contract AWC1																																	
Site formation for residential site 5-26																																	
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																										
Site development for residential site 5-26																																	
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																										
Advanced Works - Phase 2 - Contract AWC2																																	
Site formation for ESS 1																																	
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																										
Site formation for residential site 4-20, 5-24																																	
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																										
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																										
Site development for residential site 4-20, 5-24																																	
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																										
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																										
Advanced Works - Phase 3 - Contract AWC3																																	
Site formation for residential, G/C, commercial and industrial development areas																																	
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																										
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																										
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																										
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																										
Site development for residential, G/C, commercial and industrial development areas																																	
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Site 5-36	108																															
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																										
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																										
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																										
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																																	
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																										
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																										
Advance Works Stage - Contract AWC4																																	
Road P1 and associated works, and other District Distributors																																	
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																										
Slip Roads (Connection between Road P1 and KSWH)																																	
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																										
STAGE 1																																	
Development Stage 1 - Contract S1C1																																	
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																																	
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																										
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																										
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																										
Site formation for Port Back-up and Storage Use site																																	
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																										
Site development for Port Back-up and Storage Use site																																	
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																										

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 21901 Planned Residential Development in Area 2-19

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024		20
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
S1C1-iiid	Site development for site 3-8 - part 2	118	1	n/a	--	0	3																							
STAGE 2																														
Development Stage 2 - Contract S2C1																														
District Distributor Road D6, D7 and D8, and local roads																														
S2C1-i	Road D6 - part 1	106	4	n/a	--	6	3																							
S2C1-i	Road D6 - part 2	106	4	n/a	--	6	3																							
S2C1-i	Road D7 and Road D8 - part 1	106	1	n/a	--	0	3																							
S2C1-i	Road D8 - part 2	106	2	n/a	--	3	3																							
S2C1-i	Road D8 - part 3	106	1	n/a	--	0	3																							
S2C1-i	Road D6 - Underpass	106	2	n/a	--	3	3																							
A new Sewage Pumping Station SPS 3 and associated rising main from SPS3 to SPS2																														
S2C1-ii	SPS3 at site 3-41 and associated rising mains	117	1	n/a	--	0	3																							
Site formation and development for Fresh Water Service Reservoir																														
S2C1-iii	Site formation and development for Fresh Water Service Reservoir	131	1	n/a	--	0	3																							
Site formation for residential & commercial developments, G/C and Open Space areas																														
S2C1-vf	Site formation for sites 4-1, 4-2, 4-3, 4-4 and 4-5	107	4	n/a	--	6	3																							
S2C1-vf	Site formation for sites 4-6, 4-7, 4-8, 4-9, 4-10 and 4-23	107	4	n/a	--	6	3																							
S2C1-vf	Site formation for site 4-11	107	4	n/a	--	6	3																							
S2C1-vf	Site formation for sites 4-12a, 4-12b, 4-12c, 4-13a and 4-13b	107	4	n/a	--	6	3																							
S2C1-vf	Site formation for sites 4-19 and associated area	107	1	n/a	--	0	3																							
S2C1-vf	Site formation for sites 4-15, 4-16, 4-17, 4-12d, 4-21, 4-37 and associated area	107	4	n/a	--	6	3																							
S2C1-vf	Site formation for sites 4-31, 4-32, 4-33 and 4-36	107	4	n/a	--	6	3																							
S2C1-vf	Site formation for sites 4-24, 4-25a, 4-25b, 4-25c, 4-26, 4-29, 4-14 and 4-34	107	4	n/a	--	6	3																							
S2C1-vf	Site formation for site 3-52	107	4	n/a	--	6	3																							
S2C1-vf	Site formation for site 3-51	107	4	n/a	--	6	3																							
Site development for residential & commercial developments, G/C and Open Space areas																														
S2C1-vd	Site development for 4-1, 4-2,4-3,4-6, 4-7,4-8,4-11,4-15	108	2	n/a	--	3	3																							
S2C1-vd	Site development for 4-19,4-36,4-33,4-31,4-32,4-21,4-24	108	2	n/a	--	3	3																							
Site formation for a new District Cooling System																														
S2C1-vif	Site formation for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																							
Site development for a new District Cooling System																														
S2C1-vid	Site development for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																							
Development Stage 2 - Contract S2C2																														
District Distributor Road D1, a section of Road D3 and local roads																														
S2C2-i	Road D3	114	2	n/a	--	3	3																							
S2C2-i	Road D1	114	2	n/a	--	3	3																							
S2C2-i	Local Roads connecting to Road D1	114	2	n/a	--	3	3																							
S2C2-i	Road D3 - Underpass	114	1	n/a	--	0	3																							
Site formation for a new HSK STW																														
S2C2-iiif	Site formation for 3-26 part 1	117	1	n/a	--	0	3																							
S2C2-iiif	Site formation for 3-26 part 2	117	1	n/a	--	0	3																							
Site development for a new HSK STW																														
S2C2-iid	Site development for 3-26	117	1	n/a	--	0	3																							
A new Sewage Pumping Station SPS4 and associated rising mains																														
S2C2-iii	SPS 4 at site 2-34	117	1	n/a	--	0	3																							
Associated rising mains																														
A new TSE reservoirs and associated pumping stations and rising mains																														
S2C2-iv	site 5-40	131	1	n/a	--	0	3																							
Site formation for Port Back-up and Storage Use sites, Refuse Transfer Station																														
S2C2-vf	Sites 3-14, 3-18 and 3-19	111	4	n/a	--	6	3																							
S2C2-vf	Sites 3-9, 3-11, 3-12 and 3-13	111	4	n/a	--	6	3																							
S2C2-vf	Sites 3-4 (part 1) and 3-5	111	4	n/a	--	6	3																							
S2C2-vf	Sites 3-1 and 3-4 (part 2)	111	4	n/a	--	6	3																							
Site development for Port Back-up and Storage Use sites, Refuse Transfer Station sites 3-9 and 3-4																														
S2C2-vd	site 3-4	112	1	n/a	--	0	3																							
S2C2-vd	site 3-9	112	1	n/a	--	0	3																							
S2C2-vd	sites 3-13 and 3-14	112	2	n/a	--	3	3																							
S2C2-vd	sites 3-11 and 3-12	112	2	n/a	--	3	3																							
sites 3-18 and 3-5																														
S2C2-vd	site 3-18	112	1	n/a	--	0	3																							
S2C2-vd	site 3-5	112	1	n/a	--	0	3																							
S2C2-vd	site 3-1	112	2	n/a	--	3	3																							
STAGE 3																														
District Distributor Road D1, D4 and Ping Ha Road (Road D2) widening																														
S3C1-i	Road D2 - part 1	106	3	n/a	--	5	3																							
S3C1-i	Road D2 - part 2	106	1	n/a	--	0	3																							
S3C1-i	Road D2 - part 3	106	1	n/a	--	0	3																							
S3C1-i	Road D4	106	3	n/a	--	5	3																							
S3C1-i	Road D1 - part 1	106	3	263.25	-56.4	5	3																							
S3C1-i	Road D1 - part 2	106	3	n/a	--	5	3																							
S3C1-i	Roads connecting to Fung Kong Tsuen	106	3	n/a	--	5	3																							
S3C1-i	Roads serving hospital	106	3	n/a	--	5	3																							
S3C1-i	Road D4 - Underpass	106	1	n/a	--	0	3																							
S3C1-i	Road D2 - Underpass	106	1	n/a	--	0	3																							
Site formation for residential, commercial and G/C sites																														

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 23101 Planned Residential Development in Area 2-31

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024		20	
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
S1C1-iiid	Site development for site 3-8 - part 2	118	1	n/a	--	0	3																								
STAGE 2																															
Development Stage 2 - Contract S2C1																															
District Distributor Road D6, D7 and D8, and local roads																															
S2C1-i	Road D6 - part 1	106	4	n/a	--	6	3																								
S2C1-i	Road D6 - part 2	106	4	n/a	--	6	3																								
S2C1-i	Road D7 and Road D8 - part 1	106	1	n/a	--	0	3																								
S2C1-i	Road D8 - part 2	106	2	n/a	--	3	3																								
S2C1-i	Road D8 - part 3	106	1	n/a	--	0	3																								
S2C1-i	Road D6 - Underpass	106	2	n/a	--	3	3																								
A new Sewage Pumping Station SPS 3 and associated rising main from SPS3 to SPS2																															
S2C1-ii	SPS3 at site 3-41 and associated rising mains	117	1	n/a	--	0	3																								
Site formation and development for Fresh Water Service Reservoir																															
S2C1-iii	Site formation and development for Fresh Water Service Reservoir	131	1	n/a	--	0	3																								
Site formation for residential & commercial developments, G/C and Open Space areas																															
S2C1-vf	Site formation for sites 4-1, 4-2, 4-3, 4-4 and 4-5	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-6, 4-7, 4-8, 4-9, 4-10 and 4-23	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 4-11	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-12a, 4-12b, 4-12c, 4-13a and 4-13b	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-19 and associated area	107	1	n/a	--	0	3																								
S2C1-vf	Site formation for sites 4-15, 4-16, 4-17, 4-12d, 4-21, 4-37 and associated area	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-31, 4-32, 4-33 and 4-36	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-24, 4-25a, 4-25b, 4-25c, 4-26, 4-29, 4-14 and 4-34	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 3-52	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 3-51	107	4	n/a	--	6	3																								
Site development for residential & commercial developments, G/C and Open Space areas																															
S2C1-vd	Site development for 4-1, 4-2,4-3,4-6, 4-7,4-8,4-11,4-15	108	2	n/a	--	3	3																								
S2C1-vd	Site development for 4-19,4-36,4-33,4-31,4-32,4-21,4-24	108	2	n/a	--	3	3																								
Site formation for a new District Cooling System																															
S2C1-vif	Site formation for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Site development for a new District Cooling System																															
S2C1-vid	Site development for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Development Stage 2 - Contract S2C2																															
District Distributor Road D1, a section of Road D3 and local roads																															
S2C2-i	Road D3	114	2	n/a	--	3	3																								
S2C2-i	Road D1	114	2	n/a	--	3	3																								
S2C2-i	Local Roads connecting to Road D1	114	2	n/a	--	3	3																								
S2C2-i	Road D3 - Underpass	114	1	n/a	--	0	3																								
Site formation for a new HSK STW																															
S2C2-iiif	Site formation for 3-26 part 1	117	1	n/a	--	0	3																								
S2C2-iiif	Site formation for 3-26 part 2	117	1	n/a	--	0	3																								
Site development for a new HSK STW																															
S2C2-iid	Site development for 3-26	117	1	n/a	--	0	3																								
A new Sewage Pumping Station SPS4 and associated rising mains																															
S2C2-iii	SPS 4 at site 2-34	117	1	n/a	--	0	3																								
Associated rising mains																															
A new TSE reservoirs and associated pumping stations and rising mains																															
S2C2-iv	site 5-40	131	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use sites, Refuse Transfer Station																															
S2C2-vf	Sites 3-14, 3-18 and 3-19	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-9, 3-11, 3-12 and 3-13	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-4 (part 1) and 3-5	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-1 and 3-4 (part 2)	111	4	n/a	--	6	3																								
Site development for Port Back-up and Storage Use sites, Refuse Transfer Station sites 3-9 and 3-4																															
S2C2-vd	site 3-4	112	1	n/a	--	0	3																								
S2C2-vd	site 3-9	112	1	n/a	--	0	3																								
S2C2-vd	sites 3-13 and 3-14	112	2	n/a	--	3	3																								
S2C2-vd	sites 3-11 and 3-12	112	2	n/a	--	3	3																								
sites 3-18 and 3-5																															
S2C2-vd	site 3-18	112	1	n/a	--	0	3																								
S2C2-vd	site 3-5	112	1	n/a	--	0	3																								
S2C2-vd	site 3-1	112	2	n/a	--	3	3																								
STAGE 3																															
District Distributor Road D1, D4 and Ping Ha Road (Road D2) widening																															
S3C1-i	Road D2 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D2 - part 2	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - part 3	106	1	n/a	--	0	3																								
S3C1-i	Road D4	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 2	106	3	n/a	--	5	3																								
S3C1-i	Roads connecting to Fung Kong Tsuen	106	3	n/a	--	5	3																								
S3C1-i	Roads serving hospital	106	3	n/a	--	5	3																								
S3C1-i	Road D4 - Underpass	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - Underpass	106	1	n/a	--	0	3																								
Site formation for residential, commercial and G/C sites																															

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 40305 Planned Residential Development in Area 4-3

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024		20	
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
S1C1-iiid	Site development for site 3-8 - part 2	118	1	n/a	--	0	3																								
STAGE 2																															
Development Stage 2 - Contract S2C1																															
District Distributor Road D6, D7 and D8, and local roads																															
S2C1-i	Road D6 - part 1	106	4	n/a	--	6	3																								
S2C1-i	Road D6 - part 2	106	4	n/a	--	6	3																								
S2C1-i	Road D7 and Road D8 - part 1	106	1	n/a	--	0	3																								
S2C1-i	Road D8 - part 2	106	2	n/a	--	3	3																								
S2C1-i	Road D8 - part 3	106	1	n/a	--	0	3																								
S2C1-i	Road D6 - Underpass	106	2	n/a	--	3	3																								
A new Sewage Pumping Station SPS 3 and associated rising main from SPS3 to SPS2																															
S2C1-ii	SPS3 at site 3-41 and associated rising mains	117	1	n/a	--	0	3																								
Site formation and development for Fresh Water Service Reservoir																															
S2C1-iii	Site formation and development for Fresh Water Service Reservoir	131	1	n/a	--	0	3																								
Site formation for residential & commercial developments, G/C and Open Space areas																															
S2C1-vf	Site formation for sites 4-1, 4-2, 4-3, 4-4 and 4-5	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-6, 4-7, 4-8, 4-9, 4-10 and 4-23	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 4-11	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-12a, 4-12b, 4-12c, 4-13a and 4-13b	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-19 and associated area	107	1	n/a	--	0	3																								
S2C1-vf	Site formation for sites 4-15, 4-16, 4-17, 4-12d, 4-21, 4-37 and associated area	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-31, 4-32, 4-33 and 4-36	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-24, 4-25a, 4-25b, 4-25c, 4-26, 4-29, 4-14 and 4-34	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 3-52	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 3-51	107	4	n/a	--	6	3																								
Site development for residential & commercial developments, G/C and Open Space areas																															
S2C1-vd	Site development for 4-1, 4-2,4-3,4-6, 4-7,4-8,4-11,4-15	108	2	n/a	--	3	3																								
S2C1-vd	Site development for 4-19,4-36,4-33,4-31,4-32,4-21,4-24	108	2	n/a	--	3	3																								
Site formation for a new District Cooling System																															
S2C1-vif	Site formation for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Site development for a new District Cooling System																															
S2C1-vid	Site development for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Development Stage 2 - Contract S2C2																															
District Distributor Road D1, a section of Road D3 and local roads																															
S2C2-i	Road D3	114	2	n/a	--	3	3																								
S2C2-i	Road D1	114	2	n/a	--	3	3																								
S2C2-i	Local Roads connecting to Road D1	114	2	n/a	--	3	3																								
S2C2-i	Road D3 - Underpass	114	1	n/a	--	0	3																								
Site formation for a new HSK STW																															
S2C2-iiif	Site formation for 3-26 part 1	117	1	n/a	--	0	3																								
S2C2-iiif	Site formation for 3-26 part 2	117	1	n/a	--	0	3																								
Site development for a new HSK STW																															
S2C2-iid	Site development for 3-26	117	1	n/a	--	0	3																								
A new Sewage Pumping Station SPS4 and associated rising mains																															
S2C2-iii	SPS 4 at site 2-34	117	1	n/a	--	0	3																								
Associated rising mains																															
A new TSE reservoirs and associated pumping stations and rising mains																															
S2C2-iv	site 5-40	131	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use sites, Refuse Transfer Station																															
S2C2-vf	Sites 3-14, 3-18 and 3-19	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-9, 3-11, 3-12 and 3-13	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-4 (part 1) and 3-5	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-1 and 3-4 (part 2)	111	4	n/a	--	6	3																								
Site development for Port Back-up and Storage Use sites, Refuse Transfer Station sites 3-9 and 3-4																															
S2C2-vd	site 3-4	112	1	n/a	--	0	3																								
S2C2-vd	site 3-9	112	1	n/a	--	0	3																								
S2C2-vd	sites 3-13 and 3-14	112	2	n/a	--	3	3																								
S2C2-vd	sites 3-11 and 3-12	112	2	n/a	--	3	3																								
sites 3-18 and 3-5																															
S2C2-vd	site 3-18	112	1	n/a	--	0	3																								
S2C2-vd	site 3-5	112	1	n/a	--	0	3																								
S2C2-vd	site 3-1	112	2	n/a	--	3	3																								
STAGE 3																															
District Distributor Road D1, D4 and Ping Ha Road (Road D2) widening																															
S3C1-i	Road D2 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D2 - part 2	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - part 3	106	1	n/a	--	0	3																								
S3C1-i	Road D4	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 2	106	3	n/a	--	5	3																								
S3C1-i	Roads connecting to Fung Kong Tsuen	106	3	n/a	--	5	3																								
S3C1-i	Roads serving hospital	106	3	n/a	--	5	3																								
S3C1-i	Road D4 - Underpass	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - Underpass	106	1	n/a	--	0	3																								
Site formation for residential, commercial and G/C sites																															

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 42005 Planned Residential Development in Area 4-20

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	25		2026				2027				2028				2029				2030				2031			
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS																																	
Advanced Works - Phase 1 - Contract AWC1																																	
Site formation for residential site 5-26																																	
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																										
Site development for residential site 5-26																																	
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																										
Advanced Works - Phase 2 - Contract AWC2																																	
Site formation for ESS 1																																	
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																										
Site formation for residential site 4-20, 5-24																																	
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																										
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																										
Site development for residential site 4-20, 5-24																																	
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																										
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																										
Advanced Works - Phase 3 - Contract AWC3																																	
Site formation for residential, G/C, commercial and industrial development areas																																	
AWC1-vf	Site formation for Site 4-22	106	4	106.45	-48.5	6	3																										
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																										
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																										
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																										
Site development for residential, G/C, commercial and industrial development areas																																	
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Site 5-36	108																															
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																										
AWC1-vd	Site development for Sites 5-29 and 5-38	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																										
AWC1-vd	Site development for Site 4-22	108	1	106.45	-48.5	0	3																										
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																										
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																																	
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	109.53	-48.8	0	3																										
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																										
Advance Works Stage - Contract AWC4																																	
Road P1 and associated works, and other District Distributors																																	
AWC1-i	Road P1 - part 1	107	3	227.9	-55.1	5	3																										
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																										
Slip Roads (Connection between Road P1 and KSWH)																																	
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	262.46	-56.4	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	192.27	-53.7	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																										
STAGE 1																																	
Development Stage 1 - Contract S1C1																																	
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																																	
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																										
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																										
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																										
Site formation for Port Back-up and Storage Use site																																	
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																										
Site development for Port Back-up and Storage Use site																																	
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																										

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 42006 Planned Residential Development in Area 4-20

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	25		2026				2027				2028				2029				2030				2031			
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS																																	
Advanced Works - Phase 1 - Contract AWC1																																	
Site formation for residential site 5-26																																	
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																										
Site development for residential site 5-26																																	
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																										
Advanced Works - Phase 2 - Contract AWC2																																	
Site formation for ESS 1																																	
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																										
Site formation for residential site 4-20, 5-24																																	
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																										
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																										
Site development for residential site 4-20, 5-24																																	
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																										
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																										
Advanced Works - Phase 3 - Contract AWC3																																	
Site formation for residential, G/C, commercial and industrial development areas																																	
AWC1-vf	Site formation for Site 4-22	106	4	143.19	-51.1	6	3																										
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																										
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																										
AWC1-vf	Site formation for Site 5-32	106	1	n/a	--	0	3																										
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																										
Site development for residential, G/C, commercial and industrial development areas																																	
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Site 5-36	108																															
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																										
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																										
AWC1-vd	Site development for Site 4-22	108	1	143.19	-51.1	0	3																										
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																										
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																										
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																																	
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	137.46	-50.7	0	3																										
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																										
Advance Works Stage - Contract AWC4																																	
Road P1 and associated works, and other District Distributors																																	
AWC1-i	Road P1 - part 1	107	3	193.37	-53.7	5	3																										
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																										
Slip Roads (Connection between Road P1 and KSWH)																																	
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	226.41	-55.1	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	166.85	-52.4	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																										
STAGE 1																																	
Development Stage 1 - Contract S1C1																																	
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																																	
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																										
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																										
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																										
Site formation for Port Back-up and Storage Use site																																	
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																										
Site development for Port Back-up and Storage Use site																																	
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																										

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 42216 Planned Residential Development in Area 4-22

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024		20	
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
S1C1-iiid	Site development for site 3-8 - part 2	118	1	n/a	--	0	3																								
STAGE 2																															
Development Stage 2 - Contract S2C1																															
District Distributor Road D6, D7 and D8, and local roads																															
S2C1-i	Road D6 - part 1	106	4	n/a	--	6	3																								
S2C1-i	Road D6 - part 2	106	4	n/a	--	6	3																								
S2C1-i	Road D7 and Road D8 - part 1	106	1	158.36	-52.0	0	3																								
S2C1-i	Road D8 - part 2	106	2	181.97	-53.2	3	3																								
S2C1-i	Road D8 - part 3	106	1	n/a	--	0	3																								
S2C1-i	Road D6 - Underpass	106	2	n/a	--	3	3																								
A new Sewage Pumping Station SPS 3 and associated rising main from SPS3 to SPS2																															
S2C1-ii	SPS3 at site 3-41 and associated rising mains	117	1	n/a	--	0	3																								
Site formation and development for Fresh Water Service Reservoir																															
S2C1-iii	Site formation and development for Fresh Water Service Reservoir	131	1	n/a	--	0	3																								
Site formation for residential & commercial developments, G/C and Open Space areas																															
S2C1-vf	Site formation for sites 4-1, 4-2, 4-3, 4-4 and 4-5	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-6, 4-7, 4-8, 4-9, 4-10 and 4-23	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 4-11	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-12a, 4-12b, 4-12c, 4-13a and 4-13b	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-19 and associated area	107	1	60.16	-43.6	0	3																								
S2C1-vf	Site formation for sites 4-15, 4-16, 4-17, 4-12d, 4-21, 4-37 and associated area	107	4	215.38	-54.6	6	3																								
S2C1-vf	Site formation for sites 4-31, 4-32, 4-33 and 4-36	107	4	194.59	-53.8	6	3																								
S2C1-vf	Site formation for sites 4-24, 4-25a, 4-25b, 4-25c, 4-26, 4-29, 4-14 and 4-34	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 3-52	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 3-51	107	4	n/a	--	6	3																								
Site development for residential & commercial developments, G/C and Open Space areas																															
S2C1-vd	Site development for 4-1, 4-2,4-3,4-6, 4-7,4-8,4-11,4-15	108	2	n/a	--	3	3																								
S2C1-vd	Site development for 4-19,4-36,4-33,4-31,4-32,4-21,4-24	108	2	194.59	-53.8	3	3																								
Site formation for a new District Cooling System																															
S2C1-vif	Site formation for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Site development for a new District Cooling System																															
S2C1-vid	Site development for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Development Stage 2 - Contract S2C2																															
District Distributor Road D1, a section of Road D3 and local roads																															
S2C2-i	Road D3	114	2	n/a	--	3	3																								
S2C2-i	Road D1	114	2	n/a	--	3	3																								
S2C2-i	Local Roads connecting to Road D1	114	2	n/a	--	3	3																								
S2C2-i	Road D3 - Underpass	114	1	n/a	--	0	3																								
Site formation for a new HSK STW																															
S2C2-iiif	Site formation for 3-26 part 1	117	1	n/a	--	0	3																								
S2C2-iiif	Site formation for 3-26 part 2	117	1	n/a	--	0	3																								
Site development for a new HSK STW																															
S2C2-iid	Site development for 3-26	117	1	n/a	--	0	3																								
A new Sewage Pumping Station SPS4 and associated rising mains																															
S2C2-iii	SPS 4 at site 2-34	117	1	n/a	--	0	3																								
Associated rising mains																															
A new TSE reservoirs and associated pumping stations and rising mains																															
S2C2-iv	site 5-40	131	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use sites, Refuse Transfer Station																															
S2C2-vf	Sites 3-14, 3-18 and 3-19	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-9, 3-11, 3-12 and 3-13	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-4 (part 1) and 3-5	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-1 and 3-4 (part 2)	111	4	n/a	--	6	3																								
Site development for Port Back-up and Storage Use sites, Refuse Transfer Station sites 3-9 and 3-4																															
S2C2-vd	site 3-4	112	1	n/a	--	0	3																								
S2C2-vd	site 3-9	112	1	n/a	--	0	3																								
S2C2-vd	sites 3-13 and 3-14	112	2	n/a	--	3	3																								
S2C2-vd	sites 3-11 and 3-12	112	2	n/a	--	3	3																								
sites 3-18 and 3-5																															
S2C2-vd	site 3-18	112	1	n/a	--	0	3																								
S2C2-vd	site 3-5	112	1	n/a	--	0	3																								
S2C2-vd	site 3-1	112	2	n/a	--	3	3																								
STAGE 3																															
District Distributor Road D1, D4 and Ping Ha Road (Road D2) widening																															
S3C1-i	Road D2 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D2 - part 2	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - part 3	106	1	n/a	--	0	3																								
S3C1-i	Road D4	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 2	106	3	n/a	--	5	3																								
S3C1-i	Roads connecting to Fung Kong Tsuen	106	3	n/a	--	5	3																								
S3C1-i	Roads serving hospital	106	3	n/a	--	5	3																								
S3C1-i	Road D4 - Underpass	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - Underpass	106	1	n/a	--	0	3																								
Site formation for residential, commercial and G/C sites																															

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 42806 Planned Residential Development in Area 4-28

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024		20	
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
S1C1-iiid	Site development for site 3-8 - part 2	118	1	n/a	--	0	3																								
STAGE 2																															
Development Stage 2 - Contract S2C1																															
District Distributor Road D6, D7 and D8, and local roads																															
S2C1-i	Road D6 - part 1	106	4	n/a	--	6	3																								
S2C1-i	Road D6 - part 2	106	4	n/a	--	6	3																								
S2C1-i	Road D7 and Road D8 - part 1	106	1	n/a	--	0	3																								
S2C1-i	Road D8 - part 2	106	2	91.45	-47.2	3	3																								
S2C1-i	Road D8 - part 3	106	1	33.07	-38.4	0	3																								
S2C1-i	Road D6 - Underpass	106	2	n/a	--	3	3																								
A new Sewage Pumping Station SPS 3 and associated rising main from SPS3 to SPS2																															
S2C1-ii	SPS3 at site 3-41 and associated rising mains	117	1	n/a	--	0	3																								
Site formation and development for Fresh Water Service Reservoir																															
S2C1-iii	Site formation and development for Fresh Water Service Reservoir	131	1	n/a	--	0	3																								
Site formation for residential & commercial developments, G/C and Open Space areas																															
S2C1-vf	Site formation for sites 4-1, 4-2, 4-3, 4-4 and 4-5	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-6, 4-7, 4-8, 4-9, 4-10 and 4-23	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 4-11	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-12a, 4-12b, 4-12c, 4-13a and 4-13b	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-19 and associated area	107	1	n/a	--	0	3																								
S2C1-vf	Site formation for sites 4-15, 4-16, 4-17, 4-12d, 4-21, 4-37 and associated area	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-31, 4-32, 4-33 and 4-36	107	4	135.06	-50.6	6	3																								
S2C1-vf	Site formation for sites 4-24, 4-25a, 4-25b, 4-25c, 4-26, 4-29, 4-14 and 4-34	107	4	81.45	-46.2	6	3																								
S2C1-vf	Site formation for site 3-52	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 3-51	107	4	n/a	--	6	3																								
Site development for residential & commercial developments, G/C and Open Space areas																															
S2C1-vd	Site development for 4-1, 4-2,4-3,4-6, 4-7,4-8,4-11,4-15	108	2	n/a	--	3	3																								
S2C1-vd	Site development for 4-19,4-36,4-33,4-31,4-32,4-21,4-24	108	2	135.06	-50.6	3	3																								
Site formation for a new District Cooling System																															
S2C1-vif	Site formation for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Site development for a new District Cooling System																															
S2C1-vid	Site development for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Development Stage 2 - Contract S2C2																															
District Distributor Road D1, a section of Road D3 and local roads																															
S2C2-i	Road D3	114	2	n/a	--	3	3																								
S2C2-i	Road D1	114	2	n/a	--	3	3																								
S2C2-i	Local Roads connecting to Road D1	114	2	n/a	--	3	3																								
S2C2-i	Road D3 - Underpass	114	1	n/a	--	0	3																								
Site formation for a new HSK STW																															
S2C2-iiif	Site formation for 3-26 part 1	117	1	n/a	--	0	3																								
S2C2-iiif	Site formation for 3-26 part 2	117	1	n/a	--	0	3																								
Site development for a new HSK STW																															
S2C2-iid	Site development for 3-26	117	1	n/a	--	0	3																								
A new Sewage Pumping Station SPS4 and associated rising mains																															
S2C2-iii	SPS 4 at site 2-34	117	1	n/a	--	0	3																								
Associated rising mains																															
A new TSE reservoirs and associated pumping stations and rising mains																															
S2C2-iv	site 5-40	131	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use sites, Refuse Transfer Station																															
S2C2-vf	Sites 3-14, 3-18 and 3-19	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-9, 3-11, 3-12 and 3-13	111	4	n/a	--	6	3																								
Site development for Port Back-up and Storage Use sites, Refuse Transfer Station sites 3-9 and 3-4																															
S2C2-vd	site 3-4	112	1	n/a	--	0	3																								
S2C2-vd	site 3-9	112	1	n/a	--	0	3																								
S2C2-vd	sites 3-13 and 3-14	112	2	n/a	--	3	3																								
S2C2-vd	sites 3-11 and 3-12	112	2	n/a	--	3	3																								
sites 3-18 and 3-5																															
S2C2-vd	site 3-18	112	1	n/a	--	0	3																								
S2C2-vd	site 3-5	112	1	n/a	--	0	3																								
S2C2-vd	site 3-1	112	2	n/a	--	3	3																								
STAGE 3																															
District Distributor Road D1, D4 and Ping Ha Road (Road D2) widening																															
S3C1-i	Road D2 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D2 - part 2	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - part 3	106	1	n/a	--	0	3																								
S3C1-i	Road D4	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 2	106	3	n/a	--	5	3																								
S3C1-i	Roads connecting to Fung Kong Tsuen	106	3	n/a	--	5	3																								
S3C1-i	Roads serving hospital	106	3	n/a	--	5	3																								
S3C1-i	Road D4 - Underpass	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - Underpass	106	1	n/a	--	0	3																								
Site formation for residential, commercial and G/C sites																															

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 42853 Planned Residential Development in Area 4-28

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024		20	
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
S1C1-iiid	Site development for site 3-8 - part 2	118	1	n/a	--	0	3																								
STAGE 2																															
Development Stage 2 - Contract S2C1																															
District Distributor Road D6, D7 and D8, and local roads																															
S2C1-i	Road D6 - part 1	106	4	n/a	--	6	3																								
S2C1-i	Road D6 - part 2	106	4	n/a	--	6	3																								
S2C1-i	Road D7 and Road D8 - part 1	106	1	n/a	--	0	3																								
S2C1-i	Road D8 - part 2	106	2	267.52	-56.5	3	3																								
S2C1-i	Road D8 - part 3	106	1	60.77	-43.7	0	3																								
S2C1-i	Road D6 - Underpass	106	2	n/a	--	3	3																								
A new Sewage Pumping Station SPS 3 and associated rising main from SPS3 to SPS2																															
S2C1-ii	SPS3 at site 3-41 and associated rising mains	117	1	n/a	--	0	3																								
Site formation and development for Fresh Water Service Reservoir																															
S2C1-iii	Site formation and development for Fresh Water Service Reservoir	131	1	n/a	--	0	3																								
Site formation for residential & commercial developments, G/C and Open Space areas																															
S2C1-vf	Site formation for sites 4-1, 4-2, 4-3, 4-4 and 4-5	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-6, 4-7, 4-8, 4-9, 4-10 and 4-23	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 4-11	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-12a, 4-12b, 4-12c, 4-13a and 4-13b	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-19 and associated area	107	1	n/a	--	0	3																								
S2C1-vf	Site formation for sites 4-15, 4-16, 4-17, 4-12d, 4-21, 4-37 and associated area	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-31, 4-32, 4-33 and 4-36	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-24, 4-25a, 4-25b, 4-25c, 4-26, 4-29, 4-14 and 4-34	107	4	84.35	-46.5	6	3																								
S2C1-vf	Site formation for site 3-52	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 3-51	107	4	n/a	--	6	3																								
Site development for residential & commercial developments, G/C and Open Space areas																															
S2C1-vd	Site development for 4-1, 4-2,4-3,4-6, 4-7,4-8,4-11,4-15	108	2	n/a	--	3	3																								
S2C1-vd	Site development for 4-19,4-36,4-33,4-31,4-32,4-21,4-24	108	2	180.32	-53.1	3	3																								
Site formation for a new District Cooling System																															
S2C1-vif	Site formation for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Site development for a new District Cooling System																															
S2C1-vid	Site development for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Development Stage 2 - Contract S2C2																															
District Distributor Road D1, a section of Road D3 and local roads																															
S2C2-i	Road D3	114	2	n/a	--	3	3																								
S2C2-i	Road D1	114	2	n/a	--	3	3																								
S2C2-i	Local Roads connecting to Road D1	114	2	n/a	--	3	3																								
S2C2-i	Road D3 - Underpass	114	1	n/a	--	0	3																								
Site formation for a new HSK STW																															
S2C2-iiif	Site formation for 3-26 part 1	117	1	n/a	--	0	3																								
S2C2-iiif	Site formation for 3-26 part 2	117	1	n/a	--	0	3																								
Site development for a new HSK STW																															
S2C2-iid	Site development for 3-26	117	1	n/a	--	0	3																								
A new Sewage Pumping Station SPS4 and associated rising mains																															
S2C2-iii	SPS 4 at site 2-34	117	1	n/a	--	0	3																								
Associated rising mains																															
A new TSE reservoirs and associated pumping stations and rising mains																															
S2C2-iv	site 5-40	131	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use sites, Refuse Transfer Station																															
S2C2-vf	Sites 3-14, 3-18 and 3-19	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-9, 3-11, 3-12 and 3-13	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-4 (part 1) and 3-5	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-1 and 3-4 (part 2)	111	4	n/a	--	6	3																								
Site development for Port Back-up and Storage Use sites, Refuse Transfer Station sites 3-9 and 3-4																															
S2C2-vd	site 3-4	112	1	n/a	--	0	3																								
S2C2-vd	site 3-9	112	1	n/a	--	0	3																								
S2C2-vd	sites 3-13 and 3-14	112	2	n/a	--	3	3																								
S2C2-vd	sites 3-11 and 3-12	112	2	n/a	--	3	3																								
sites 3-18 and 3-5																															
S2C2-vd	site 3-18	112	1	n/a	--	0	3																								
S2C2-vd	site 3-5	112	1	n/a	--	0	3																								
S2C2-vd	site 3-1	112	2	n/a	--	3	3																								
STAGE 3																															
District Distributor Road D1, D4 and Ping Ha Road (Road D2) widening																															
S3C1-i	Road D2 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D2 - part 2	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - part 3	106	1	n/a	--	0	3																								
S3C1-i	Road D4	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 2	106	3	n/a	--	5	3																								
S3C1-i	Roads connecting to Fung Kong Tsuen	106	3	n/a	--	5	3																								
S3C1-i	Roads serving hospital	106	3	n/a	--	5	3																								
S3C1-i	Road D4 - Underpass	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - Underpass	106	1	n/a	--	0	3																								
Site formation for residential, commercial and G/C sites																															

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 42859 Planned Residential Development in Area 4-28

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024		20	
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
S1C1-iiid	Site development for site 3-8 - part 2	118	1	n/a	--	0	3																								
STAGE 2																															
Development Stage 2 - Contract S2C1																															
District Distributor Road D6, D7 and D8, and local roads																															
S2C1-i	Road D6 - part 1	106	4	n/a	--	6	3																								
S2C1-i	Road D6 - part 2	106	4	n/a	--	6	3																								
S2C1-i	Road D7 and Road D8 - part 1	106	1	n/a	--	0	3																								
S2C1-i	Road D8 - part 2	106	2	42.35	-40.5	3	3																								
S2C1-i	Road D8 - part 3	106	1	82.2	-46.3	0	3																								
S2C1-i	Road D6 - Underpass	106	2	n/a	--	3	3																								
A new Sewage Pumping Station SPS 3 and associated rising main from SPS3 to SPS2																															
S2C1-ii	SPS3 at site 3-41 and associated rising mains	117	1	n/a	--	0	3																								
Site formation and development for Fresh Water Service Reservoir																															
S2C1-iii	Site formation and development for Fresh Water Service Reservoir	131	1	n/a	--	0	3																								
Site formation for residential & commercial developments, G/C and Open Space areas																															
S2C1-vf	Site formation for sites 4-1, 4-2, 4-3, 4-4 and 4-5	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-6, 4-7, 4-8, 4-9, 4-10 and 4-23	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 4-11	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-12a, 4-12b, 4-12c, 4-13a and 4-13b	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-19 and associated area	107	1	298.56	-57.5	0	3																								
S2C1-vf	Site formation for sites 4-15, 4-16, 4-17, 4-12d, 4-21, 4-37 and associated area	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-31, 4-32, 4-33 and 4-36	107	4	79.22	-46.0	6	3																								
S2C1-vf	Site formation for sites 4-24, 4-25a, 4-25b, 4-25c, 4-26, 4-29, 4-14 and 4-34	107	4	88.74	-46.9	6	3																								
S2C1-vf	Site formation for site 3-52	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 3-51	107	4	n/a	--	6	3																								
Site development for residential & commercial developments, G/C and Open Space areas																															
S2C1-vd	Site development for 4-1, 4-2,4-3,4-6, 4-7,4-8,4-11,4-15	108	2	n/a	--	3	3																								
S2C1-vd	Site development for 4-19,4-36,4-33,4-31,4-32,4-21,4-24	108	2	79.22	-46.0	3	3																								
Site formation for a new District Cooling System																															
S2C1-vif	Site formation for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Site development for a new District Cooling System																															
S2C1-vid	Site development for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Development Stage 2 - Contract S2C2																															
District Distributor Road D1, a section of Road D3 and local roads																															
S2C2-i	Road D3	114	2	n/a	--	3	3																								
S2C2-i	Road D1	114	2	n/a	--	3	3																								
S2C2-i	Local Roads connecting to Road D1	114	2	n/a	--	3	3																								
S2C2-i	Road D3 - Underpass	114	1	n/a	--	0	3																								
Site formation for a new HSK STW																															
S2C2-iiif	Site formation for 3-26 part 1	117	1	n/a	--	0	3																								
S2C2-iiif	Site formation for 3-26 part 2	117	1	n/a	--	0	3																								
Site development for a new HSK STW																															
S2C2-iid	Site development for 3-26	117	1	n/a	--	0	3																								
A new Sewage Pumping Station SPS4 and associated rising mains																															
S2C2-iii	SPS 4 at site 2-34	117	1	n/a	--	0	3																								
Associated rising mains																															
A new TSE reservoirs and associated pumping stations and rising mains																															
S2C2-iv	site 5-40	131	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use sites, Refuse Transfer Station																															
S2C2-vf	Sites 3-14, 3-18 and 3-19	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-9, 3-11, 3-12 and 3-13	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-4 (part 1) and 3-5	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-1 and 3-4 (part 2)	111	4	n/a	--	6	3																								
Site development for Port Back-up and Storage Use sites, Refuse Transfer Station sites 3-9 and 3-4																															
S2C2-vd	site 3-4	112	1	n/a	--	0	3																								
S2C2-vd	site 3-9	112	1	n/a	--	0	3																								
S2C2-vd	sites 3-13 and 3-14	112	2	n/a	--	3	3																								
S2C2-vd	sites 3-11 and 3-12	112	2	n/a	--	3	3																								
sites 3-18 and 3-5																															
S2C2-vd	site 3-18	112	1	n/a	--	0	3																								
S2C2-vd	site 3-5	112	1	n/a	--	0	3																								
S2C2-vd	site 3-1	112	2	n/a	--	3	3																								
STAGE 3																															
District Distributor Road D1, D4 and Ping Ha Road (Road D2) widening																															
S3C1-i	Road D2 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D2 - part 2	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - part 3	106	1	n/a	--	0	3																								
S3C1-i	Road D4	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 2	106	3	n/a	--	5	3																								
S3C1-i	Roads connecting to Fung Kong Tsuen	106	3	n/a	--	5	3																								
S3C1-i	Roads serving hospital	106	3	n/a	--	5	3																								
S3C1-i	Road D4 - Underpass	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - Underpass	106	1	n/a	--	0	3																								
Site formation for residential, commercial and G/C sites																															

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 51601 Planned Residential Development in Area 5-16

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	25	2026				2027				2028				2029				2030				2031			
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
ADVANCED WORKS																																
Advanced Works - Phase 1 - Contract AWC1																																
Site formation for residential site 5-26																																
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																									
Site development for residential site 5-26																																
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																									
Advanced Works - Phase 2 - Contract AWC2																																
Site formation for ESS 1																																
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																									
Site formation for residential site 4-20, 5-24																																
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																									
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																									
Site development for residential site 4-20, 5-24																																
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																									
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																									
Advanced Works - Phase 3 - Contract AWC3																																
Site formation for residential, G/C, commercial and industrial development areas																																
AWC1-ivf	Site formation for Site 4-22	106	4	n/a	--	6	3																									
AWC1-ivf	Site formation for Site 5-16	106	3	n/a	--	5	3																									
AWC1-ivf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																									
AWC1-ivf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																									
AWC1-ivf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																									
AWC1-ivf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																									
AWC1-ivf	Site formation for Site 5-32	106	1	n/a	--	0	3																									
AWC1-ivf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																									
Site development for residential, G/C, commercial and industrial development areas																																
AWC1-ivd	Site development for Site 5-16	108	1	n/a	--	0	3																									
AWC1-ivd	Site development for Site 5-36	108																														
AWC1-ivd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																									
AWC1-ivd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																									
AWC1-ivd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																									
AWC1-ivd	Site development for Site 4-22	108	1	n/a	--	0	3																									
AWC1-ivd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																									
AWC1-ivd	Site development for Site 5-21	108	2	n/a	--	3	3																									
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																																
AWC1-ivi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																									
AWC1-ivi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																									
Advance Works Stage - Contract AWC4																																
Road P1 and associated works, and other District Distributors																																
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																									
Slip Roads (Connection between Road P1 and KSWH)																																
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																									
STAGE 1																																
Development Stage 1 - Contract S1C1																																
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																																
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																									
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																									
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																									
Site formation for Port Back-up and Storage Use site																																
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																									
Site development for Port Back-up and Storage Use site																																
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																									

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 52602 Planned Residential Development in Area 5-26

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024				20
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
ADVANCED WORKS																																
Advanced Works - Phase 1 - Contract AWC1																																
Site formation for residential site 5-26																																
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																									
Site development for residential site 5-26																																
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																									
Advanced Works - Phase 2 - Contract AWC2																																
Site formation for ESS 1																																
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																									
Site formation for residential site 4-20, 5-24																																
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																									
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																									
Site development for residential site 4-20, 5-24																																
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																									
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																									
Advanced Works - Phase 3 - Contract AWC3																																
Site formation for residential, G/C, commercial and industrial development areas																																
AWC1-ivf	Site formation for Site 4-22	106	4	n/a	--	6	3																									
AWC1-ivf	Site formation for Site 5-16	106	3	n/a	--	5	3																									
AWC1-ivf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	141.63	-51.0	5	3																									
AWC1-ivf	Site formation for Site 5-36, 5-37 and 5-38	106	3	98.41	-47.8	5	3																									
AWC1-ivf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																									
AWC1-ivf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	59.57	-43.5	6	3																									
AWC1-ivf	Site formation for Site 5-32	106	1	248.82	-55.9	0	3																									
AWC1-ivf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																									
Site development for residential, G/C, commercial and industrial development areas																																
AWC1-ivd	Site development for Site 5-16	108	1	n/a	--	0	3																									
AWC1-ivd	Site development for Site 5-36	108																														
AWC1-ivd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	141.63	-51.0	3	3																									
AWC1-ivd	Site development for Sites 5-37 and 5-38	108	1	98.41	-47.8	0	3																									
AWC1-ivd	Site development for Sites 5-27 and 5-28	108	2	54.68	-42.7	3	3																									
AWC1-ivd	Site development for Site 4-22	108	1	n/a	--	0	3																									
AWC1-ivd	Site development for Sites 5-29 and 5-30	108	1	123.66	-49.8	0	3																									
AWC1-ivd	Site development for Site 5-21	108	2	n/a	--	3	3																									
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																																
AWC1-ivi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																									
AWC1-ivi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																									
Advance Works Stage - Contract AWC4																																
Road P1 and associated works, and other District Distributors																																
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																									
Slip Roads (Connection between Road P1 and KSWH)																																
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																									
STAGE 1																																
Development Stage 1 - Contract S1C1																																
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																																
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																									
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																									
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																									
Site formation for Port Back-up and Storage Use site																																
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																									
Site development for Port Back-up and Storage Use site																																
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																									

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 51702 Planned Residential Development in Area 5-17

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	25		2026				2027				2028				2029				2030				2031			
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
ADVANCED WORKS																																	
Advanced Works - Phase 1 - Contract AWC1																																	
Site formation for residential site 5-26																																	
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																										
Site development for residential site 5-26																																	
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																										
Advanced Works - Phase 2 - Contract AWC2																																	
Site formation for ESS 1																																	
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																										
Site formation for residential site 4-20, 5-24																																	
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																										
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																										
Site development for residential site 4-20, 5-24																																	
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																										
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																										
Advanced Works - Phase 3 - Contract AWC3																																	
Site formation for residential, G/C, commercial and industrial development areas																																	
AWC1-ivf	Site formation for Site 4-22	106	4	n/a	--	6	3																										
AWC1-ivf	Site formation for Site 5-16	106	3	n/a	--	5	3																										
AWC1-ivf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																										
AWC1-ivf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																										
AWC1-ivf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																										
AWC1-ivf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																										
AWC1-ivf	Site formation for Site 5-32	106	1	n/a	--	0	3																										
AWC1-ivf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																										
Site development for residential, G/C, commercial and industrial development areas																																	
AWC1-ivd	Site development for Site 5-16	108	1	n/a	--	0	3																										
AWC1-ivd	Site development for Site 5-36	108																															
AWC1-ivd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																										
AWC1-ivd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																										
AWC1-ivd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																										
AWC1-ivd	Site development for Site 4-22	108	1	n/a	--	0	3																										
AWC1-ivd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																										
AWC1-ivd	Site development for Site 5-21	108	2	n/a	--	3	3																										
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																																	
AWC1-ivi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																										
AWC1-ivi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																										
Advance Works Stage - Contract AWC4																																	
Road P1 and associated works, and other District Distributors																																	
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																										
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																										
Slip Roads (Connection between Road P1 and KSWH)																																	
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																										
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																										
STAGE 1																																	
Development Stage 1 - Contract S1C1																																	
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																																	
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																										
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																										
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																										
Site formation for Port Back-up and Storage Use site																																	
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																										
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																										
Site development for Port Back-up and Storage Use site																																	
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																										
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																										

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 51702 Planned Residential Development in Area 5-17

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024		20	
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
S1C1-iiid	Site development for site 3-8 - part 2	118	1	n/a	--	0	3																								
STAGE 2																															
Development Stage 2 - Contract S2C1																															
District Distributor Road D6, D7 and D8, and local roads																															
S2C1-i	Road D6 - part 1	106	4	n/a	--	6	3																								
S2C1-i	Road D6 - part 2	106	4	n/a	--	6	3																								
S2C1-i	Road D7 and Road D8 - part 1	106	1	n/a	--	0	3																								
S2C1-i	Road D8 - part 2	106	2	n/a	--	3	3																								
S2C1-i	Road D8 - part 3	106	1	n/a	--	0	3																								
S2C1-i	Road D6 - Underpass	106	2	n/a	--	3	3																								
A new Sewage Pumping Station SPS 3 and associated rising main from SPS3 to SPS2																															
S2C1-ii	SPS3 at site 3-41 and associated rising mains	117	1	n/a	--	0	3																								
Site formation and development for Fresh Water Service Reservoir																															
S2C1-iii	Site formation and development for Fresh Water Service Reservoir	131	1	n/a	--	0	3																								
Site formation for residential & commercial developments, G/C and Open Space areas																															
S2C1-vf	Site formation for sites 4-1, 4-2, 4-3, 4-4 and 4-5	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-6, 4-7, 4-8, 4-9, 4-10 and 4-23	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 4-11	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-12a, 4-12b, 4-12c, 4-13a and 4-13b	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-19 and associated area	107	1	n/a	--	0	3																								
S2C1-vf	Site formation for sites 4-15, 4-16, 4-17, 4-12d, 4-21, 4-37 and associated area	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-31, 4-32, 4-33 and 4-36	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-24, 4-25a, 4-25b, 4-25c, 4-26, 4-29, 4-14 and 4-34	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 3-52	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 3-51	107	4	n/a	--	6	3																								
Site development for residential & commercial developments, G/C and Open Space areas																															
S2C1-vd	Site development for 4-1, 4-2,4-3,4-6, 4-7,4-8,4-11,4-15	108	2	n/a	--	3	3																								
S2C1-vd	Site development for 4-19,4-36,4-33,4-31,4-32,4-21,4-24	108	2	n/a	--	3	3																								
Site formation for a new District Cooling System																															
S2C1-vif	Site formation for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Site development for a new District Cooling System																															
S2C1-vid	Site development for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Development Stage 2 - Contract S2C2																															
District Distributor Road D1, a section of Road D3 and local roads																															
S2C2-i	Road D3	114	2	n/a	--	3	3																								
S2C2-i	Road D1	114	2	n/a	--	3	3																								
S2C2-i	Local Roads connecting to Road D1	114	2	n/a	--	3	3																								
S2C2-i	Road D3 - Underpass	114	1	n/a	--	0	3																								
Site formation for a new HSK STW																															
S2C2-iiif	Site formation for 3-26 part 1	117	1	n/a	--	0	3																								
S2C2-iiif	Site formation for 3-26 part 2	117	1	n/a	--	0	3																								
Site development for a new HSK STW																															
S2C2-iid	Site development for 3-26	117	1	n/a	--	0	3																								
A new Sewage Pumping Station SPS4 and associated rising mains																															
S2C2-iii	SPS 4 at site 2-34	117	1	n/a	--	0	3																								
Associated rising mains																															
A new TSE reservoirs and associated pumping stations and rising mains																															
S2C2-iv	site 5-40	131	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use sites, Refuse Transfer Station																															
S2C2-vf	Sites 3-14, 3-18 and 3-19	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-9, 3-11, 3-12 and 3-13	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-4 (part 1) and 3-5	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-1 and 3-4 (part 2)	111	4	n/a	--	6	3																								
Site development for Port Back-up and Storage Use sites, Refuse Transfer Station sites 3-9 and 3-4																															
S2C2-vd	site 3-4	112	1	n/a	--	0	3																								
S2C2-vd	site 3-9	112	1	n/a	--	0	3																								
S2C2-vd	sites 3-13 and 3-14	112	2	n/a	--	3	3																								
S2C2-vd	sites 3-11 and 3-12	112	2	n/a	--	3	3																								
sites 3-18 and 3-5																															
S2C2-vd	site 3-18	112	1	n/a	--	0	3																								
S2C2-vd	site 3-5	112	1	n/a	--	0	3																								
S2C2-vd	site 3-1	112	2	n/a	--	3	3																								
STAGE 3																															
District Distributor Road D1, D4 and Ping Ha Road (Road D2) widening																															
S3C1-i	Road D2 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D2 - part 2	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - part 3	106	1	n/a	--	0	3																								
S3C1-i	Road D4	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 2	106	3	n/a	--	5	3																								
S3C1-i	Roads connecting to Fung Kong Tsuen	106	3	n/a	--	5	3																								
S3C1-i	Roads serving hospital	106	3	n/a	--	5	3																								
S3C1-i	Road D4 - Underpass	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - Underpass	106	1	n/a	--	0	3																								
Site formation for residential, commercial and G/C sites																															

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 51703 Planned Residential Development in Area 5-17

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	25	2026				2027				2028				2029				2030				2031			
								Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
ADVANCED WORKS																																
Advanced Works - Phase 1 - Contract AWC1																																
Site formation for residential site 5-26																																
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																									
Site development for residential site 5-26																																
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																									
Advanced Works - Phase 2 - Contract AWC2																																
Site formation for ESS 1																																
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																									
Site formation for residential site 4-20, 5-24																																
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																									
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																									
Site development for residential site 4-20, 5-24																																
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																									
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																									
Advanced Works - Phase 3 - Contract AWC3																																
Site formation for residential, G/C, commercial and industrial development areas																																
AWC1-ivf	Site formation for Site 4-22	106	4	n/a	--	6	3																									
AWC1-ivf	Site formation for Site 5-16	106	3	n/a	--	5	3																									
AWC1-ivf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																									
AWC1-ivf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																									
AWC1-ivf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																									
AWC1-ivf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																									
AWC1-ivf	Site formation for Site 5-32	106	1	n/a	--	0	3																									
AWC1-ivf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																									
Site development for residential, G/C, commercial and industrial development areas																																
AWC1-ivd	Site development for Site 5-16	108	1	n/a	--	0	3																									
AWC1-ivd	Site development for Site 5-36	108																														
AWC1-ivd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																									
AWC1-ivd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																									
AWC1-ivd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																									
AWC1-ivd	Site development for Site 4-22	108	1	n/a	--	0	3																									
AWC1-ivd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																									
AWC1-ivd	Site development for Site 5-21	108	2	n/a	--	3	3																									
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																																
AWC1-ivi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																									
AWC1-ivi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																									
Advance Works Stage - Contract AWC4																																
Road P1 and associated works, and other District Distributors																																
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																									
Slip Roads (Connection between Road P1 and KSWH)																																
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																									
STAGE 1																																
Development Stage 1 - Contract S1C1																																
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																																
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																									
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																									
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																									
Site formation for Port Back-up and Storage Use site																																
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																									
Site development for Port Back-up and Storage Use site																																
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																									

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 52401 Planned Residential Development in Area 5-24

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024		20	
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2		
S1C1-iiid	Site development for site 3-8 - part 2	118	1	n/a	--	0	3																								
STAGE 2																															
Development Stage 2 - Contract S2C1																															
District Distributor Road D6, D7 and D8, and local roads																															
S2C1-i	Road D6 - part 1	106	4	n/a	--	6	3																								
S2C1-i	Road D6 - part 2	106	4	n/a	--	6	3																								
S2C1-i	Road D7 and Road D8 - part 1	106	1	n/a	--	0	3																								
S2C1-i	Road D8 - part 2	106	2	n/a	--	3	3																								
S2C1-i	Road D8 - part 3	106	1	n/a	--	0	3																								
S2C1-i	Road D6 - Underpass	106	2	n/a	--	3	3																								
A new Sewage Pumping Station SPS 3 and associated rising main from SPS3 to SPS2																															
S2C1-ii	SPS3 at site 3-41 and associated rising mains	117	1	n/a	--	0	3																								
Site formation and development for Fresh Water Service Reservoir																															
S2C1-iii	Site formation and development for Fresh Water Service Reservoir	131	1	n/a	--	0	3																								
Site formation for residential & commercial developments, G/C and Open Space areas																															
S2C1-vf	Site formation for sites 4-1, 4-2, 4-3, 4-4 and 4-5	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-6, 4-7, 4-8, 4-9, 4-10 and 4-23	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 4-11	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-12a, 4-12b, 4-12c, 4-13a and 4-13b	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-19 and associated area	107	1	n/a	--	0	3																								
S2C1-vf	Site formation for sites 4-15, 4-16, 4-17, 4-12d, 4-21, 4-37 and associated area	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-31, 4-32, 4-33 and 4-36	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for sites 4-24, 4-25a, 4-25b, 4-25c, 4-26, 4-29, 4-14 and 4-34	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 3-52	107	4	n/a	--	6	3																								
S2C1-vf	Site formation for site 3-51	107	4	n/a	--	6	3																								
Site development for residential & commercial developments, G/C and Open Space areas																															
S2C1-vd	Site development for 4-1, 4-2,4-3,4-6, 4-7,4-8,4-11,4-15	108	2	n/a	--	3	3																								
S2C1-vd	Site development for 4-19,4-36,4-33,4-31,4-32,4-21,4-24	108	2	n/a	--	3	3																								
Site formation for a new District Cooling System																															
S2C1-vif	Site formation for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Site development for a new District Cooling System																															
S2C1-vid	Site development for a new District Cooling System at site 4-18	111	1	n/a	--	0	3																								
Development Stage 2 - Contract S2C2																															
District Distributor Road D1, a section of Road D3 and local roads																															
S2C2-i	Road D3	114	2	n/a	--	3	3																								
S2C2-i	Road D1	114	2	n/a	--	3	3																								
S2C2-i	Local Roads connecting to Road D1	114	2	n/a	--	3	3																								
S2C2-i	Road D3 - Underpass	114	1	n/a	--	0	3																								
Site formation for a new HSK STW																															
S2C2-iiif	Site formation for 3-26 part 1	117	1	n/a	--	0	3																								
S2C2-iiif	Site formation for 3-26 part 2	117	1	n/a	--	0	3																								
Site development for a new HSK STW																															
S2C2-iid	Site development for 3-26	117	1	n/a	--	0	3																								
A new Sewage Pumping Station SPS4 and associated rising mains																															
S2C2-iii	SPS 4 at site 2-34	117	1	n/a	--	0	3																								
Associated rising mains																															
A new TSE reservoirs and associated pumping stations and rising mains																															
S2C2-iv	site 5-40	131	1	n/a	--	0	3																								
Site formation for Port Back-up and Storage Use sites, Refuse Transfer Station																															
S2C2-vf	Sites 3-14, 3-18 and 3-19	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-9, 3-11, 3-12 and 3-13	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-4 (part 1) and 3-5	111	4	n/a	--	6	3																								
S2C2-vf	Sites 3-1 and 3-4 (part 2)	111	4	n/a	--	6	3																								
Site development for Port Back-up and Storage Use sites, Refuse Transfer Station sites 3-9 and 3-4																															
S2C2-vd	site 3-4	112	1	n/a	--	0	3																								
S2C2-vd	site 3-9	112	1	n/a	--	0	3																								
S2C2-vd	sites 3-13 and 3-14	112	2	n/a	--	3	3																								
S2C2-vd	sites 3-11 and 3-12	112	2	n/a	--	3	3																								
sites 3-18 and 3-5																															
S2C2-vd	site 3-18	112	1	n/a	--	0	3																								
S2C2-vd	site 3-5	112	1	n/a	--	0	3																								
S2C2-vd	site 3-1	112	2	n/a	--	3	3																								
STAGE 3																															
District Distributor Road D1, D4 and Ping Ha Road (Road D2) widening																															
S3C1-i	Road D2 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D2 - part 2	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - part 3	106	1	n/a	--	0	3																								
S3C1-i	Road D4	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 1	106	3	n/a	--	5	3																								
S3C1-i	Road D1 - part 2	106	3	n/a	--	5	3																								
S3C1-i	Roads connecting to Fung Kong Tsuen	106	3	n/a	--	5	3																								
S3C1-i	Roads serving hospital	106	3	n/a	--	5	3																								
S3C1-i	Road D4 - Underpass	106	1	n/a	--	0	3																								
S3C1-i	Road D2 - Underpass	106	1	n/a	--	0	3																								
Site formation for residential, commercial and G/C sites																															

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 52408 Planned Residential Development in Area 5-24

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024				20
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
ADVANCED WORKS																																
Advanced Works - Phase 1 - Contract AWC1																																
Site formation for residential site 5-26																																
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																									
Site development for residential site 5-26																																
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																									
Advanced Works - Phase 2 - Contract AWC2																																
Site formation for ESS 1																																
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																									
Site formation for residential site 4-20, 5-24																																
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																									
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																									
Site development for residential site 4-20, 5-24																																
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																									
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																									
Advanced Works - Phase 3 - Contract AWC3																																
Site formation for residential, G/C, commercial and industrial development areas																																
AWC1-vf	Site formation for Site 4-22	106	4	n/a	--	6	3																									
AWC1-vf	Site formation for Site 5-16	106	3	n/a	--	5	3																									
AWC1-vf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	43.27	-40.7	5	3																									
AWC1-vf	Site formation for Site 5-36, 5-37 and 5-38	106	3	171.29	-52.7	5	3																									
AWC1-vf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																									
AWC1-vf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	72.01	-45.1	6	3																									
AWC1-vf	Site formation for Site 5-32	106	1	237.59	-55.5	0	3																									
AWC1-vf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																									
Site development for residential, G/C, commercial and industrial development areas																																
AWC1-vd	Site development for Site 5-16	108	1	n/a	--	0	3																									
AWC1-vd	Site development for Site 5-36	108																														
AWC1-vd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	43.27	-40.7	3	3																									
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	171.29	-52.7	0	3																									
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	73.83	-45.3	3	3																									
AWC1-vd	Site development for Site 4-22	108	1	n/a	--	0	3																									
AWC1-vd	Site development for Sites 5-29 and 5-30	108	1	85.08	-46.6	0	3																									
AWC1-vd	Site development for Site 5-21	108	2	n/a	--	3	3																									
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																																
AWC1-vi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																									
AWC1-vi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																									
Advance Works Stage - Contract AWC4																																
Road P1 and associated works, and other District Distributors																																
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																									
Slip Roads (Connection between Road P1 and KSWH)																																
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																									
STAGE 1																																
Development Stage 1 - Contract S1C1																																
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																																
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																									
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																									
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																									
Site formation for Port Back-up and Storage Use site																																
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																									
Site development for Port Back-up and Storage Use site																																
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																									

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 52602 Planned Residential Development in Area 5-26

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024				20
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
ADVANCED WORKS																																
Advanced Works - Phase 1 - Contract AWC1																																
Site formation for residential site 5-26																																
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																									
Site development for residential site 5-26																																
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																									
Advanced Works - Phase 2 - Contract AWC2																																
Site formation for ESS 1																																
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																									
Site formation for residential site 4-20, 5-24																																
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																									
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																									
Site development for residential site 4-20, 5-24																																
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																									
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																									
Advanced Works - Phase 3 - Contract AWC3																																
Site formation for residential, G/C, commercial and industrial development areas																																
AWC1-ivf	Site formation for Site 4-22	106	4	n/a	--	6	3																									
AWC1-ivf	Site formation for Site 5-16	106	3	n/a	--	5	3																									
AWC1-ivf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	141.63	-51.0	5	3																									
AWC1-ivf	Site formation for Site 5-36, 5-37 and 5-38	106	3	98.41	-47.8	5	3																									
AWC1-ivf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																									
AWC1-ivf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	59.57	-43.5	6	3																									
AWC1-ivf	Site formation for Site 5-32	106	1	248.82	-55.9	0	3																									
AWC1-ivf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																									
Site development for residential, G/C, commercial and industrial development areas																																
AWC1-ivd	Site development for Site 5-16	108	1	n/a	--	0	3																									
AWC1-ivd	Site development for Site 5-36	108																														
AWC1-ivd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	141.63	-51.0	3	3																									
AWC1-ivd	Site development for Sites 5-37 and 5-38	108	1	98.41	-47.8	0	3																									
AWC1-ivd	Site development for Sites 5-27 and 5-28	108	2	54.68	-42.7	3	3																									
AWC1-ivd	Site development for Site 4-22	108	1	n/a	--	0	3																									
AWC1-ivd	Site development for Sites 5-29 and 5-30	108	1	123.66	-49.8	0	3																									
AWC1-ivd	Site development for Site 5-21	108	2	n/a	--	3	3																									
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																																
AWC1-ivi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																									
AWC1-ivi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																									
Advance Works Stage - Contract AWC4																																
Road P1 and associated works, and other District Distributors																																
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																									
Slip Roads (Connection between Road P1 and KSWH)																																
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																									
STAGE 1																																
Development Stage 1 - Contract S1C1																																
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																																
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																									
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																									
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																									
Site formation for Port Back-up and Storage Use site																																
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																									
Site development for Port Back-up and Storage Use site																																
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																									

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 52604 Planned Residential Development in Area 5-26

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024				20
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	
ADVANCED WORKS																																
Advanced Works - Phase 1 - Contract AWC1																																
Site formation for residential site 5-26																																
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																									
Site development for residential site 5-26																																
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																									
Advanced Works - Phase 2 - Contract AWC2																																
Site formation for ESS 1																																
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																									
Site formation for residential site 4-20, 5-24																																
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																									
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																									
Site development for residential site 4-20, 5-24																																
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																									
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																									
Advanced Works - Phase 3 - Contract AWC3																																
Site formation for residential, G/C, commercial and industrial development areas																																
AWC1-ivf	Site formation for Site 4-22	106	4	n/a	--	6	3																									
AWC1-ivf	Site formation for Site 5-16	106	3	n/a	--	5	3																									
AWC1-ivf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	130.88	-50.3	5	3																									
AWC1-ivf	Site formation for Site 5-36, 5-37 and 5-38	106	3	107.37	-48.6	5	3																									
AWC1-ivf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																									
AWC1-ivf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	49.4	-41.9	6	3																									
AWC1-ivf	Site formation for Site 5-32	106	1	185.69	-53.4	0	3																									
AWC1-ivf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																									
Site development for residential, G/C, commercial and industrial development areas																																
AWC1-ivd	Site development for Site 5-16	108	1	n/a	--	0	3																									
AWC1-ivd	Site development for Site 5-36	108																														
AWC1-ivd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	130.88	-50.3	3	3																									
AWC1-ivd	Site development for Sites 5-37 and 5-38	108	1	107.37	-48.6	0	3																									
AWC1-ivd	Site development for Sites 5-27 and 5-28	108	2	40.61	-40.2	3	3																									
AWC1-ivd	Site development for Site 4-22	108	1	n/a	--	0	3																									
AWC1-ivd	Site development for Sites 5-29 and 5-30	108	1	112.89	-49.0	0	3																									
AWC1-ivd	Site development for Site 5-21	108	2	n/a	--	3	3																									
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																																
AWC1-ivi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																									
AWC1-ivi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																									
Advance Works Stage - Contract AWC4																																
Road P1 and associated works, and other District Distributors																																
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																									
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																									
Slip Roads (Connection between Road P1 and KSWH)																																
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																									
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																									
STAGE 1																																
Development Stage 1 - Contract S1C1																																
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																																
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																									
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																									
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																									
Site formation for Port Back-up and Storage Use site																																
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																									
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																									
Site development for Port Back-up and Storage Use site																																
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																									
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																									

Appendix 4.6.5 Predicted Construction Noise Levels at Representative NSRs (Mitigated Scenario)

Construction Noise Assessment

NSR: 53208 Planned Residential Development in Area 5-32

ID	Construction Activity	SWL, dB(A)	No. of Workfront	Distance, m	Corr. for distance, dB(A)	Corr. For workfront, dB(A)	Corr. for façade, dB(A)	2019				2020				2021				2022				2023				2024		20
								Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	
ADVANCED WORKS																														
Advanced Works - Phase 1 - Contract AWC1																														
Site formation for residential site 5-26																														
AWC1-iiif	Site formation for site 5-26	111	1	n/a	--	0	3																							
Site development for residential site 5-26																														
AWC1-iiid	Site development for site 5-26	116	1	n/a	--	0	3																							
Advanced Works - Phase 2 - Contract AWC2																														
Site formation for ESS 1																														
AWC1-ivf	Site formation for site 5-19	112	1	n/a	--	0	3																							
Site formation for residential site 4-20, 5-24																														
AWC1-ivf	Site formation for site 5-24 (Portion 1)	112	1	n/a	--	0	3																							
AWC1-ivf	Site formation for site 4-20	112	1	n/a	--	0	3																							
Site development for residential site 4-20, 5-24																														
AWC1-ivd	Site development for site 5-24 (Portion 1)	111	1	n/a	--	0	3																							
AWC1-ivd	Site development for site 4-20	111	1	n/a	--	0	3																							
Advanced Works - Phase 3 - Contract AWC3																														
Site formation for residential, G/C, commercial and industrial development areas																														
AWC1-ivf	Site formation for Site 4-22	106	4	n/a	--	6	3																							
AWC1-ivf	Site formation for Site 5-16	106	3	n/a	--	5	3																							
AWC1-ivf	Site formation for Site 4-28, 5-21 and 5-24 (Portion 2)	106	3	n/a	--	5	3																							
AWC1-ivf	Site formation for Site 5-36, 5-37 and 5-38	106	3	n/a	--	5	3																							
AWC1-ivf	Site formation for 5-17, 5-18a and 5-18b	106	3	n/a	--	5	3																							
AWC1-ivf	Site formation for Site 5-27, 5-28, 5-29, 5-30	106	4	n/a	--	6	3																							
AWC1-ivf	Site formation for Site 5-32	106	1	n/a	--	0	3																							
AWC1-ivf	Site formation for Sites 3-43, 3-44, 3-45, 3-46, 3-47, 3-49, 3-50	106	6	n/a	--	8	3																							
Site development for residential, G/C, commercial and industrial development areas																														
AWC1-ivd	Site development for Site 5-16	108	1	n/a	--	0	3																							
AWC1-ivd	Site development for Site 5-36	108																												
AWC1-ivd	Site development for Site 4-28 and 5-24 (portion 2)	108	2	n/a	--	3	3																							
AWC1-ivd	Site development for Sites 5-37 and 5-38	108	1	n/a	--	0	3																							
AWC1-ivd	Site development for Sites 5-27 and 5-28	108	2	n/a	--	3	3																							
AWC1-ivd	Site development for Site 4-22	108	1	n/a	--	0	3																							
AWC1-ivd	Site development for Sites 5-29 and 5-30	108	1	n/a	--	0	3																							
AWC1-ivd	Site development for Site 5-21	108	2	n/a	--	3	3																							
Two new sewage pumping stations SPS1 and SPS2 and associated rising mains																														
AWC1-ivi	SPS1 at site 4-35 and associated rising mains	111	1	n/a	--	0	3																							
AWC1-ivi	SPS2 at site 3-48 and associated rising mains	111	1	n/a	--	0	3																							
Advance Works Stage - Contract AWC4																														
Road P1 and associated works, and other District Distributors																														
AWC1-i	Road P1 - part 1	107	3	n/a	--	5	3																							
AWC1-i	Road P1 - part 2	107	3	n/a	--	5	3																							
AWC1-i	Road P1 - part 3	107	3	n/a	--	5	3																							
AWC1-i	Road P1 - part 4	107	3	n/a	--	5	3																							
AWC1-i	Road P1 - part 5	107	3	n/a	--	5	3																							
AWC1-i	Road P1 - part 6	107	3	n/a	--	5	3																							
Slip Roads (Connection between Road P1 and KSWH)																														
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 1	106	1	n/a	--	0	3																							
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	n/a	--	0	3																							
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 3	106	1	n/a	--	0	3																							
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 4	106	1	n/a	--	0	3																							
STAGE 1																														
Development Stage 1 - Contract S1C1																														
A section of Road D1 connecting Port Back-up Use sites to Road P1 and KSWH																														
S1C1-i	Road D1 - part 1	113	1	n/a	--	0	3																							
S1C1-i	Road D1 - part 2	113	1	n/a	--	0	3																							
S1C1-i	Road D1 - part 3	113	1	n/a	--	0	3																							
Site formation for Port Back-up and Storage Use site																														
S1C1-iiif	Site formation for site 2-18	117	1	n/a	--	0	3																							
S1C1-iiif	Site formation for site 2-19	117	1	n/a	--	0	3																							
S1C1-iiif	Site formation for site 3-6	117	1	n/a	--	0	3																							
S1C1-iiif	Site formation for site 3-7	117	1	n/a	--	0	3																							
S1C1-iiif	Site formation for site 3-8 - part 1	117	1	n/a	--	0	3																							
S1C1-iiif	Site formation for site 3-8 - part 2	117	1	n/a	--	0	3																							
Site development for Port Back-up and Storage Use site																														
S1C1-iiid	Site development for site 2-18	118	1	n/a	--	0	3																							
S1C1-iiid	Site development for site 2-19	118	1	n/a	--	0	3																							
S1C1-iiid	Site development for site 3-6	118	1	n/a	--	0	3																							
S1C1-iiid	Site development for site 3-7	118	1	n/a	--	0	3																							
S1C1-iiid	Site development for site 3-8 - part 1	118	1	n/a	--	0	3																							

