

Appendix 4.6.7 : Construction noise assessment after adoption of grouping of PME at critical works areas

NSR ID	NSR Name	EIAO-TM Noise Criteria, dB(A)	2018				2019				2020				2021				2022				2023				2024				2025				2026							
			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	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
ESLUT03	No. 62, San Lee Uk Tsuen	75																																								
ESST07	No. 60, San Sang Tsuen	75																																								
EHTS01	No. 1B, San Uk Tsuen	75																																								
42006	Planned Residential Development in Area 4-20	75																																								
42251	Planned Residential Development in Area 4-22	75																																								

Appendix 4.6.7 : Construction noise assessment after adoption of grouping of PME at

NSR ID	NSR Name	EIAO-TM Noise Criteria, dB(A)	2036					2037				2038							
			Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4				
ESLUT03	No. 62, San Lee Uk Tsuen	75																	
ESST07	No. 60, San Sang Tsuen	75																	
EHTS01	No. 1B, San Uk Tsuen	75																	
42006	Planned Residential Development in Area 4-20	75																	
42251	Planned Residential Development in Area 4-22	75																	

Appendix 4.6.7 : Construction noise assessment after adoption of grouping of PME at critical works areas

Construction Noise Assessment

NSR: ESLUT03 No. 62, San Lee 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				2025			
								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	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	123	-49.8	0	3	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64	64						
Site development for residential site 5-26																																			
AWC1-iiid	Site development for site 5-26	116	1	123	-49.8	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	161	-52.1	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	161	-52.1	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	116	-49.3	5	3																												
AWC1-vf_gp	Site formation for Site 5-36, 5-37 and 5-38	104	3	28	-36.9	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	165	-52.3	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	116	-49.3	3	3																												
AWC1-vd	Site development for Sites 5-37 and 5-38	108	1	95	-47.5	0	3																												
AWC1-vd	Site development for Sites 5-27 and 5-28	108	2	157	-51.9	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	220	-54.8	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																												
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_gp	Road D7 and Road D8 - part 1	103	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																												

Appendix 4.6.7 : Construction noise assessment after adoption of grouping of PME at critical works areas

Construction Noise Assessment

NSR: ESLUT03 No. 62, San Lee 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)	2033				2034				2035				2036				2037				2038							
								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			
Development Stage 3 - Contract S3C3																																			
Local Roads serving district open space																																			
S3C2-ii	Slip roads connecting KSWH and Road D3	114	3	n/a	--	5	3																												
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-ivf	Site formation for sites 3-15, 3-16, 3-20, 3-21, 3-22 and 3-23	104	8	n/a	--	9	3																												
S3C2-ivf	Site formation for sites 3-24, 3-25, 3-27, 3-28, 3-29, 3-31	104	8	n/a	--	9	3																												
S3C2-ivf	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-ivd_gp	Sites 3-24, 3-31 and 3-34	106	1	n/a	--	0	3																												
S3C2-ivd	Sites 3-36 and 3-37	108	6	n/a	--	8	3																												
S3C2-ivd	Sites 3-22 and 3-23	108	6	n/a	--	8	3																												
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	n/a	--	0	3																												
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/IC, 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	n/a	--	3	3																												
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/IC, 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	3																												
S4C1-vid	Sites 1-10, 1-11 and 1-14	111	1	n/a	--	0	3																												
								Predicted Noise Level, dB(A)																											
								60	60	60	60	60	60	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63	63		
								65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65

Appendix 4.6.7 : Construction noise assessment after adoption of grouping of PME at critical works areas

Construction Noise Assessment

NSR: ESST07 No, 60, San Sang 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				2025			
								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	Q3	Q4
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-ivf	Site formation for sites 3-15, 3-16, 3-20, 3-21, 3-22 and 3-23	104	8	n/a	--	9	3																												
S3C2-ivf	Site formatoin for sites 3-24, 3-25, 3-27, 3-28, 3-29, 3-31	104	8	155.89	-51.8	9	3																												
S3C2-ivf	Site formatoin for sites 3-32, 3-33, 3-34, 3-36, 3-37, 3-39, 3-40, 3-42	104	8	61.99	-43.8	9	3																												
Site development for Logistics and Enterprise & Technology Park sites																																			
S3C2-ivd_gp	Sites 3-24, 3-31 and 3-34	106	1	25.33	-36.1	0	3																												
S3C2-ivd	Sites 3-36 and 3-37	108	6	152.47	-51.6	8	3																												
S3C2-ivd	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	196.75	-53.9	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	264.74	-56.4	5	3																												
S3C3-ii	Hung Shui Kiu Channel	105	1	n/a	--	0	3																												
Palder 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/IC sites																																			
S3C3-ivf	Site 1-28, 5-34 and 2-32 (portion 2)	107	2	n/a	--	3	3																												
S3C3-ivf	Site 1-27 (portion 2), 1-29,1-31,1-30	107	2	254.7	-56.1	3	3																												
Site development for G/IC sites																																			
S3C3-ivd	Site 1-28, 5-34 and 2-32 (portion 2)	109	1	n/a	--	0	3																												
S3C3-ivd	Site 1-27 (portion 2), 1-29,1-31,1-30	109	2	252.06	-56.0	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	n/a	--	0	3																												
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/IC, commercial and Open Space Areas																																			
S4C1-vmf	Sites 2-1, 2-2, 2-3, 2-4, 2-5, 2-7 and 2-35	107	2	n/a	--	3	3																												
S4C1-vmf	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-vmf	Sites 2-11 and 2-12	107	2	n/a	--	3	3																												
S4C1-vmf	Sites 1-2, 1-4, 1-5, 1-6 and 1-7	107	3	n/a	--	5	3																												
S4C1-vmf	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/IC, 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	3																												
S4C1-vid	Sites 1-10, 1-11 and 1-14	111	1	n/a	--	0	3																												
Predicted Noise Level , dB(A)																																			

Appendix 4.6.7 : Construction noise assessment after adoption of grouping of PME at critical works areas

Construction Noise Assessment

NSR: ESST07 No, 60, San Sang 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)	2033				2034				2035				2036				2037				2038							
								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			
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-ivf	Site formation for sites 3-15, 3-16, 3-20, 3-21, 3-22 and 3-23	104	8	n/a	--	9	3																												
S3C2-ivf	Site formatoin for sites 3-24, 3-25, 3-27, 3-28, 3-29, 3-31	104	8	155.89	-51.8	9	3	64	64	64	64	64																							
S3C2-ivf	Site formatoin for sites 3-32, 3-33, 3-34, 3-36, 3-37, 3-39, 3-40, 3-42	104	8	61.99	-43.8	9	3																												
Site development for Logistics and Enterprise & Technology Park sites																																			
S3C2-ivd_gp	Sites 3-24, 3-31 and 3-34	106	1	25.33	-36.1	0	3	73	73	73	73	73	73	73	73																				
S3C2-ivd	Sites 3-36 and 3-37	108	6	152.47	-51.6	8	3																												
S3C2-ivd	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	196.75	-53.9	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	264.74	-56.4	5	3																												
S3C3-ii	Hung Shui Kiu Channel	105	1	n/a	--	0	3																												
Palder 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/IC sites																																			
S3C3-ivf	Site 1-28, 5-34 and 2-32 (portion 2)	107	2	n/a	--	3	3																												
S3C3-ivf	Site 1-27 (portion 2), 1-29,1-31,1-30	107	2	254.7	-56.1	3	3																												
Site development for G/IC sites																																			
S3C3-ivd	Site 1-28, 5-34 and 2-32 (portion 2)	109	1	n/a	--	0	3																												
S3C3-ivd	Site 1-27 (portion 2), 1-29,1-31,1-30	109	2	252.06	-56.0	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	n/a	--	0	3																												
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-ivf	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-ivd	Site development for a new District Cooling System at site 1-24	108	1	n/a	--	0	3																												
Site formation for residential, G/IC, commercial and Open Space Areas																																			
S4C1-ivf	Sites 2-1, 2-2, 2-3, 2-4, 2-5, 2-7 and 2-35	107	2	n/a	--	3	3																												
S4C1-ivf	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-ivf	Sites 2-11 and 2-12	107	2	n/a	--	3	3																												
S4C1-ivf	Sites 1-2, 1-4, 1-5, 1-6 and 1-7	107	3	n/a	--	5	3																												
S4C1-ivf	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/IC, 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	3																												
S4C1-vid	Sites 1-10, 1-11 and 1-14	111	1	n/a	--	0	3																												
Predicted Noise Level , dB(A)								73	73	73	73	73	73	73	75	75	75	73	73	73	73	73	68	68	68	68	68	61	61	61	61	61	61	61	61

Appendix 4.6.7 : Construction noise assessment after adoption of grouping of PME at critical works areas

Construction Noise Assessment

NSR: EHTS01 No. 1B, San 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				2025			
								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	Q3	Q4
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-ivf	Site formation for sites 3-15, 3-16, 3-20, 3-21, 3-22 and 3-23	104	8	n/a	--	9	3																												
S3C2-ivf	Site formation for sites 3-24, 3-25, 3-27, 3-28, 3-29, 3-31	104	8	77	-45.7	9	3																												
S3C2-ivf	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-ivd_gp	Sites 3-24, 3-31 and 3-34	106	1	298.72	-57.5	0	3																												
S3C2-ivd	Sites 3-36 and 3-37	108	6	n/a	--	8	3																												
S3C2-ivd	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	93.5	-47.4	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	263.66	-56.4	0	3																												
Site formation for G/IC sites																																			
S3C3-ivf	Site 1-28, 5-34 and 2-32 (portion 2)	107	2	n/a	--	3	3																												
S3C3-ivf	Site 1-27 (portion 2), 1-29,1-31,1-30	107	2	170.96	-52.6	3	3																												
Site development for G/IC sites																																			
S3C3-ivd	Site 1-28, 5-34 and 2-32 (portion 2)	109	1	n/a	--	0	3																												
S3C3-ivd	Site 1-27 (portion 2), 1-29,1-31,1-30	109	2	170.96	-52.6	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	n/a	--	0	3																												
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/IC, 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	n/a	--	3	3																												
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/IC, 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	3																												
S4C1-vid	Sites 1-10, 1-11 and 1-14	111	1	n/a	--	0	3																												
Predicted Noise Level , dB(A)																																			

Appendix 4.6.7 : Construction noise assessment after adoption of grouping of PME at critical works areas

Construction Noise Assessment

NSR: EHTS01 No. 1B, San 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)	2033				2034				2035				2036				2037				2038				
								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
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-ivf	Site formation for sites 3-15, 3-16, 3-20, 3-21, 3-22 and 3-23	104	8	n/a	--	9	3																									
S3C2-ivf	Site formatoin for sites 3-24, 3-25, 3-27, 3-28, 3-29, 3-31	104	8	77	-45.7	9	3	70	70	70	70	70	70																			
S3C2-ivf	Site formatoin 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-ivd_gp	Sites 3-24, 3-31 and 3-34	106	1	298.72	-57.5	0	3	51	51	51	51	51	51	51	51	51	51															
S3C2-ivd	Sites 3-36 and 3-37	108	6	n/a	--	8	3																									
S3C2-ivd	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	93.5	-47.4	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																									
Pallder 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	263.66	-56.4	0	3	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58	58			
Site formation for G/IC sites																																
S3C3-ivf	Site 1-28, 5-34 and 2-32 (portion 2)	107	2	n/a	--	3	3																									
S3C3-ivf	Site 1-27 (portion 2), 1-29,1-31,1-30	107	2	170.96	-52.6	3	3																									
Site development for G/IC sites																																
S3C3-ivd	Site 1-28, 5-34 and 2-32 (portion 2)	109	1	n/a	--	0	3																									
S3C3-ivd	Site 1-27 (portion 2), 1-29,1-31,1-30	109	2	170.96	-52.6	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	n/a	--	0	3																									
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-ivf	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-ivd	Site development for a new District Cooling System at site 1-24	108	1	n/a	--	0	3																									
Site formation for residential, G/IC, commercial and Open Space Areas																																
S4C1-ivf	Sites 2-1, 2-2, 2-3, 2-4, 2-5, 2-7 and 2-35	107	2	n/a	--	3	3																									
S4C1-ivf	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-ivf	Sites 2-11 and 2-12	107	2	n/a	--	3	3																									
S4C1-ivf	Sites 1-2, 1-4, 1-5, 1-6 and 1-7	107	3	n/a	--	5	3																									
S4C1-ivf	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/IC, 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	3																									
S4C1-vid	Sites 1-10, 1-11 and 1-14	111	1	n/a	--	0	3																									
Predicted Noise Level, dB(A)								75	75	75	75	75	75	75	74	74	74	74	74	74	74	58	58	62	62	65	65	65	65	65	65	65

Appendix 4.6.7 : Construction noise assessment after adoption of grouping of PME at critical works areas

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)	2019				2020				2021				2022				2023				2024				2025																						
								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	Q3	Q4																			
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-ivf	Site formation for sites 3-15, 3-16, 3-20, 3-21, 3-22 and 3-23	104	8	n/a	--	9	3																																															
S3C2-ivf	Site formation for sites 3-24, 3-25, 3-27, 3-28, 3-29, 3-31	104	8	n/a	--	9	3																																															
S3C2-ivf	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-ivd_gp	Sites 3-24, 3-31 and 3-34	106	1	n/a	--	0	3																																															
S3C2-ivd	Sites 3-36 and 3-37	108	6	n/a	--	8	3																																															
S3C2-ivd	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/IC sites																																																						
S3C3-ivf	Site 1-28, 5-34 and 2-32 (portion 2)	107	2	n/a	--	3	3																																															
S3C3-ivf	Site 1-27 (portion 2), 1-29,1-31,1-30	107	2	n/a	--	3	3																																															
Site development for G/IC sites																																																						
S3C3-ivd	Site 1-28, 5-34 and 2-32 (portion 2)	109	1	n/a	--	0	3																																															
S3C3-ivd	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	n/a	--	0	3																																															
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/IC, commercial and Open Space Areas																																																						
S4C1-vmf	Sites 2-1, 2-2, 2-3, 2-4, 2-5, 2-7 and 2-35	107	2	n/a	--	3	3																																															
S4C1-vmf	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-vmf	Sites 2-11 and 2-12	107	2	n/a	--	3	3																																															
S4C1-vmf	Sites 1-2, 1-4, 1-5, 1-6 and 1-7	107	3	n/a	--	5	3																																															
S4C1-vmf	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/IC, 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	3																																															
S4C1-vid	Sites 1-10, 1-11 and 1-14	111	1	n/a	--	0	3																																															
																										Predicted Noise Level , dB(A)		66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66	66

Appendix 4.6.7 : Construction noise assessment after adoption of grouping of PME at critical works areas

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)	2026				2027				2028				2029				2030				2031				2032		
								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	Q3
ADVANCED WORKS																																		
Advanced Works - Phase 1 - Contract AWC1																																		
Site formation for residential site 5-26																																		
AWC1-iiiif	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	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_gp	Site formation for Site 5-36, 5-37 and 5-38	104	3	n/a	--	5	3																											
AWC1-vf	Site formation for Site 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	143.19	-51.1	0	3									60	60	60	60	60	60	60	60	60	60	60	60	60	60					
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									63	63	63	63	63	63	63	63	63	63	63	63	63	63					
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		54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54	54					
AWC1-ii	Slip Roads (Connection between Road P1 and KSWH) - part 2	106	1	166.85	-52.4	0	3									57	57	57	57	57	57	57	57	57	57	57	57	57	57					
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																											
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_gp	Road D7 and Road D8 - part 1	103	1	18.85	-33.5	0	3									73	73	73	73	73	73	73	73	73	73	73	73	73	73					
S2C1-i	Road D8 - part 2	106	2	268.36	-56.6	3	3																				56	56	56	56				
S2C1-i	Road D8 - part 3	106	1	n/a	--	0	3																											

Appendix 4.6.7 : Construction noise assessment after adoption of grouping of PME at critical works areas

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)	2033				2034				2035				2036				2037				2038			
								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/IC, 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_gp	Site formation for Site 5-36, 5-37 and 5-38	104	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	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																								
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_gp	Road D7 and Road D8 - part 1	103	1	18.85	-33.5	0	3																								
S2C1-i	Road D8 - part 2	106	2	268.36	-56.6	3	3																								
S2C1-i	Road D8 - part 3	106	1	n/a	--	0	3																								

Appendix 4.6.7 : Construction noise assessment after adoption of grouping of PME at critical works areas

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)	2033				2034				2035				2036				2037				2038			
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
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-ivf	Site formation for sites 3-15, 3-16, 3-20, 3-21, 3-22 and 3-23	104	8	n/a	--	9	3																								
S3C2-ivf	Site formation for sites 3-24, 3-25, 3-27, 3-28, 3-29, 3-31	104	8	n/a	--	9	3																								
S3C2-ivf	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-ivd_gp	Sites 3-24, 3-31 and 3-34	106	1	n/a	--	0	3																								
S3C2-ivd	Sites 3-36 and 3-37	108	6	n/a	--	8	3																								
S3C2-ivd	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 (portion 1) and 5-43	111	1	n/a	--	0	3																								
Site formation for G/IC sites																															
S3C3-ivf	Site 1-28, 5-34 and 2-32 (portion 2)	107	2	n/a	--	3	3																								
S3C3-ivf	Site 1-27 (portion 2), 1-29,1-31,1-30	107	2	n/a	--	3	3																								
Site development for G/IC sites																															
S3C3-ivd	Site 1-28, 5-34 and 2-32 (portion 2)	109	1	n/a	--	0	3																								
S3C3-ivd	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	n/a	--	0	3																								
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/IC, 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	n/a	--	3	3																								
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/IC, 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	3																								
S4C1-vid	Sites 1-10, 1-11 and 1-14	111	1	n/a	--	0	3																								
Predicted Noise Level, dB(A)																															

Appendix 4.6.7 : Construction noise assessment after adoption of grouping of PME at critical works areas

Construction Noise Assessment

NSR: 42251 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)	2033				2034				2035				2036				2037				2038			
								Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
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-ivf	Site formation for sites 3-15, 3-16, 3-20, 3-21, 3-22 and 3-23	104	8	n/a	--	9	3																								
S3C2-ivf	Site formation for sites 3-24, 3-25, 3-27, 3-28, 3-29, 3-31	104	8	n/a	--	9	3																								
S3C2-ivf	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-ivd_gp	Sites 3-24, 3-31 and 3-34	106	1	n/a	--	0	3																								
S3C2-ivd	Sites 3-36 and 3-37	108	6	n/a	--	8	3																								
S3C2-ivd	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 (portion 1) and 5-43	111	1	n/a	--	0	3																								
Site formation for G/IC sites																															
S3C3-ivf	Site 1-28, 5-34 and 2-32 (portion 2)	107	2	n/a	--	3	3																								
S3C3-ivf	Site 1-27 (portion 2), 1-29,1-31,1-30	107	2	n/a	--	3	3																								
Site development for G/IC sites																															
S3C3-ivd	Site 1-28, 5-34 and 2-32 (portion 2)	109	1	n/a	--	0	3																								
S3C3-ivd	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	n/a	--	0	3																								
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/IC, 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	n/a	--	3	3																								
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/IC, 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	3																								
S4C1-vid	Sites 1-10, 1-11 and 1-14	111	1	n/a	--	0	3																								
Predicted Noise Level, dB(A)																															