

Project : Proposed Comprehensive Residential and Commercial Development atop Siu Ho Wan

Title : Construction Noise Calculation (Noise Impact from Project and Concurrent Project - Excluded Construction of SHO and SHD Replanning Works)

Scenario : Unmitigated Scenario

Activities	2023												2024												2025												2026											
	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
Road P1 Tai Ho Section Construction Road Construction	114	114	114	114	114	114	114	114	114	114																																						
Construction of additional sewage rising mains and rehabilitation of the existing sewage rising main between TC and SHW Utility Construction	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114	114					
SPS Construction and Pipe Laying SPS Foundation (SPS) SPS Substructure and Superstructure (SPS) Pipe Laying (Pipe)		119	119	119	119	119	119				119	119	119	119	119	119	119	119	119																													
TCE Sewerage Network Construction Earthwork/ Box Culvert Structure/ Paving/ Landscaping												114	114	114	114	114	114	114	114																													
Residential Development (Phase 1a) Superstructure (Podium) (P-P1a) Superstructure (Residential Block) (P1a) Ancillary works (P-P1a)					123	123	123	123	123	123																																						
Residential Development (Phase 1b) Superstructure (Podium) & Western Access Via Tai Ho Interchange (P-P1b) Superstructure (Residential Block) & Western Access Via Tai Ho Interchange (P1b) Ancillary works (P-P1b)																																																
Residential Development (Phase 1c) Superstructure (Podium) (P-P1c) Superstructure (Residential Block) (P1c) Ancillary works (P-P1c)																																																
Residential Development (Phase 2a) Superstructure (Podium) (P-P2a) Superstructure (Residential Block) (P2a) Ancillary works (P-P2a)																																																
Residential Development (Phase 2b) Superstructure (Podium) (P-P2b) Superstructure (Residential Block) (P2b) Ancillary works (P-P2b)																																																
Residential Development (Phase 3a) Superstructure (Podium) (P-P3a) Superstructure (Residential Block) (P3a) Ancillary works (P-P3a)																																																
Residential Development (Phase 3b) Superstructure (Podium) (P-P3b) Superstructure (Residential Block) (P3b) Ancillary works (P-P3b)																																																
Residential Development (Phase 4a) Superstructure (Podium) (P-P4) Superstructure (Residential Block) (P4a) Ancillary works (P-P4)																																																
Residential Development (Phase 4b) Superstructure (Podium) (P-P4) Superstructure (Residential Block) (P4b) Ancillary works (P-P4)																																																
Residential Development (Phase 4c) Superstructure (Podium) (P-P4) Superstructure (Residential Block) (P4c) Ancillary works (P-P4)																																																
Sham Shui Kok Drive Upgrade Road Widening																																																

Project : Proposed Comprehensive Residential and Commercial Development atop Siu Ho Wan

Title : Construction Noise Calculation (Noise Impact from Project and Concurrent Project - Excluded Construction of SHO and SHD Replanning Works)

Scenario : Unmitigated Scenario

Activities	2027												2028												2029												2030												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
Road P1 Tai Ho Section Construction Road Construction																																																	
Construction of additional sewage rising mains and rehabilitation of the existing sewage rising main between TC and SHW Utility Construction																																																	
SPS Construction and Pipe Laying SPS Foundation (SPS) SPS Substructure and Superstructure (SPS) Pipe Laying (Pipe)																																																	
TCE Sewerage Network Construction Earthwork/ Box Culvert Structure/ Paving/ Landscaping	114	114	114	114																																													
Residential Development (Phase 1a) Superstructure (Podium) (P-P1a) Superstructure (Residential Block) (P1a) Ancillary works (P-P1a)																																																	
Residential Development (Phase 1b) Superstructure (Podium) & Western Access Via Tai Ho Interchange (P-P1b) Superstructure (Residential Block) & Western Access Via Tai Ho Interchange (P1b) Ancillary works (P-P1b)																																																	
Residential Development (Phase 1c) Superstructure (Podium) (P-P1c) Superstructure (Residential Block) (P1c) Ancillary works (P-P1c)																																																	
Residential Development (Phase 2a) Superstructure (Podium) (P-P2a) Superstructure (Residential Block) (P2a) Ancillary works (P-P2a)						123	123	123	123	123	123																																						
Residential Development (Phase 2b) Superstructure (Podium) (P-P2b) Superstructure (Residential Block) (P2b) Ancillary works (P-P2b)																																																	
Residential Development (Phase 3a) Superstructure (Podium) (P-P3a) Superstructure (Residential Block) (P3a) Ancillary works (P-P3a)																																																	
Residential Development (Phase 3b) Superstructure (Podium) (P-P3b) Superstructure (Residential Block) (P3b) Ancillary works (P-P3b)																																																	
Residential Development (Phase 4a) Superstructure (Podium) (P-P4) Superstructure (Residential Block) (P4a) Ancillary works (P-P4)																																																	
Residential Development (Phase 4b) Superstructure (Podium) (P-P4) Superstructure (Residential Block) (P4b) Ancillary works (P-P4)																																																	
Residential Development (Phase 4c) Superstructure (Podium) (P-P4) Superstructure (Residential Block) (P4c) Ancillary works (P-P4)																																																	
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Activities	2027												2028												2029												2030											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Summary of SWLs																																																
P1_In05	0																																															
P1_In06	0																																															
P1_In07	0																																															
SRM01	0																																															
SPS	0																																															
P2a	114																																															
P2b	123																																															
P2c	119																																															
P2d	123																																															
P2e	123																																															
P2f	123																																															
P2g	123																																															
P2h	123																																															
P2i	123																																															
P2j	123																																															
P2k	123																																															
P2l	123																																															
P2m	123																																															
P2n	123																																															
P2o	123																																															
P2p	123																																															
P2q	123																																															
P2r	123																																															
P2s	123																																															
P2t	123																																															
P2u	123																																															
P2v	123																																															
P2w	123																																															
P2x	123																																															
P2y	123																																															
P2z	123																																															
NSR																																																
NSR-01	72																																															
NSR-02	67																																															
101-06	85																																															
107-06	83																																															
108-06	83																																															
114-04	82																																															
118-04	84																																															
119-06	84																																															
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149-04	86																																															
215-01	84																																															
309-02	83																																															
307-01	80																																															
401-04	84																																															
407-04	82																																															
601-08	69																																															
501-04	68																																															

Note:

(1) SWL of concurrent projects (i.e. Road P1 Tai Ho Section Construction, TCE Sewerage Network Construction) are referenced from the Tung Chung EIA (AEIAR-196/2016).

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Scenario : Unmitigated Scenario

Activities	2031												2032												2033												2034												
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	
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Residential Development (Phase 1a) Superstructure (Podium) (P-P1a) Superstructure (Residential Block) (P1a) Ancillary works (P-P1a)																																																	
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Residential Development (Phase 1c) Superstructure (Podium) (P-P1c) Superstructure (Residential Block) (P1c) Ancillary works (P-P1c)																																																	
Residential Development (Phase 2a) Superstructure (Podium) (P-P2a) Superstructure (Residential Block) (P2a) Ancillary works (P-P2a)																																																	
Residential Development (Phase 2b) Superstructure (Podium) (P-P2b) Superstructure (Residential Block) (P2b) Ancillary works (P-P2b)																																																	
Residential Development (Phase 3a) Superstructure (Podium) (P-P3a) Superstructure (Residential Block) (P3a) Ancillary works (P-P3a)						123	123	123	123	123	123																																						
Residential Development (Phase 3b) Superstructure (Podium) (P-P3b) Superstructure (Residential Block) (P3b) Ancillary works (P-P3b)																																																	
Residential Development (Phase 4a) Superstructure (Podium) (P-P4) Superstructure (Residential Block) (P4a) Ancillary works (P-P4)																																																	
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Activities	2031												2032												2033												2034											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
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P1_In05	0																																															
P1_In06	0																																															
P1_In07	0																																															
SRM01	0																																															
SPS	0																																															
P1a	0																																															
P1b	0																																															
P1c	0																																															
P2a	0																																															
P2b	0																																															
P3a	0																																															
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P3c	0																																															
P4a	0																																															
P4b	0																																															
P4c	0																																															
SSK	0																																															
Predicted Construction Noise, dB(A)																																																
NSR	Max																																															
N01-01	72	0																																														
N01-02	67	0																																														
101-06	85	0																																														
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Project : Proposed Comprehensive Residential and Commercial Development atop Siu Ho Wan

Title : Construction Noise Calculation (Noise Impact from Project and Concurrent Project - Excluded Construction of SHO and SHD Replanning Works)

Scenario : Unmitigated Scenario

Activities	2035												2036												2037											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Road P1 Tai Ho Section Construction Road Construction																																				
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Residential Development (Phase 1c) Superstructure (Podium) (P-P1c) Superstructure (Residential Block) (P1c) Ancillary works (P-P1c)																																				
Residential Development (Phase 2a) Superstructure (Podium) (P-P2a) Superstructure (Residential Block) (P2a) Ancillary works (P-P2a)																																				
Residential Development (Phase 2b) Superstructure (Podium) (P-P2b) Superstructure (Residential Block) (P2b) Ancillary works (P-P2b)																																				
Residential Development (Phase 3a) Superstructure (Podium) (P-P3a) Superstructure (Residential Block) (P3a) Ancillary works (P-P3a)																																				
Residential Development (Phase 3b) Superstructure (Podium) (P-P3b) Superstructure (Residential Block) (P3b) Ancillary works (P-P3b)																																				
Residential Development (Phase 4a) Superstructure (Podium) (P-P4) Superstructure (Residential Block) (P4a) Ancillary works (P-P4)																																				
Residential Development (Phase 4b) Superstructure (Podium) (P-P4) Superstructure (Residential Block) (P4b) Ancillary works (P-P4)						123	123	123	123	123	123																									
Residential Development (Phase 4c) Superstructure (Podium) (P-P4) Superstructure (Residential Block) (P4c) Ancillary works (P-P4)																																				
Sham Shui Kok Drive Upgrade Road Widening																																				

Project : Proposed Comprehensive Residential and Commercial Development atop Siu Ho Wan

Title : Construction Noise Calculation (Noise Impact from Project and Concurrent Project - Excluded Construction of SHO and SHD Replanning Works)

Scenario : Unmitigated Scenario

Activities	2035												2036												2037											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Summary of SWLs																																				
P1_In05	0																																			
P1_In06	0																																			
P1_In07	0																																			
SRM01	0																																			
SPS	0																																			
P1e	0																																			
SR	0																																			
P.P1a	0																																			
P1a	0																																			
P.P1b	0																																			
P1b	0																																			
P.P1c	0																																			
P1c	0																																			
P.P2a	0																																			
P2a	0																																			
P.P2b	0																																			
P2b	0																																			
P.P3a	0																																			
P3a	0																																			
P.P3b	0																																			
P3b	0																																			
P.P4	0																																			
P4a	0																																			
P4b	123																																			
P4c	123																																			
SSK	118																																			
Predicted Construction Noise, dB(A)																																				
NSR	Max																																			
N01-01	72																																			
N01-02	67																																			
101-06	85																																			
107-06	83																																			
108-06	83																																			
114-04	82																																			
118-04	84																																			
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601-08	69																																			
501-04	68																																			

Note:

(1) SWL of concurrent projects (i.e. Road P1 Tai Ho Section Construction, TCE Sewerage Network Construction) are referenced from the Tung Chung EIA (AEIAR-196/2016).

Project : Proposed Comprehensive Residential and Commercial Development atop Siu Ho Wan
Title : Construction Noise Calculation (Cumulative - Project and Concurrent Projects)
Scenario : Unmitigated Scenario

NSR	Max	2027												2028												2029												2030											
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
N01-01	72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
N01-02	67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
101-06	85	72	72	72	72	71	71	75	75	75	75	75	82	81	81	81	81	84	84	84	84	84	84	85	85	84	84	84	84	85	85	79	79	79	78	72	72	72	70	70	66	66	66	66	68	63	63		
107-06	84	68	68	68	68	66	66	71	71	71	71	71	78	78	78	78	78	82	82	83	83	83	83	83	83	83	83	83	84	84	80	79	79	78	77	77	77	74	74	70	70	70	70	72	66	66			
108-06	83	68	68	68	66	66	66	66	66	66	66	66	66	66	66	77	77	77	77	77	77	81	81	81	81	81	81	81	82	82	82	82	82	83	83	79	79	79	77	77	77	77	75	75	71	71	71		
114-04	82	65	65	65	65	62	62	62	62	62	62	62	62	62	62	71	71	71	71	71	71	71	71	75	75	75	75	75	79	79	79	79	79	80	80	79	79	79	77	77	77	77	75	75	71	71	71		
118-04	84	63	63	63	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
119-06	84	76	76	76	76	70	70	79	79	79	79	79	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84	84				
126-06	84	71	71	71	71	69	69	80	80	80	80	80	83	83	83	83	83	83	83	83	83	83	83	83	83	83	83	84	84	77	77	77	77	73	73	68	68	68	68	0	0	0	0	0	0				
135-06	85	71	71	71	71	70	70	77	77	77	77	77	82	82	82	82	82	84	84	84	84	84	85	85	84	84	84	84	84	76	76	76	75	70	70	67	67	64	64	64	64	65	60	60					
136-04	85	0	0	0	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	74	74	74	74	80	80	80	80	81	81	81	81			
142-06	85	0	0	0	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75	75	75	75	80	80	80	80	81	81	81	81			
143-06	84	0	0	0	63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	76	76	76	76	80	80	80	80	80	81	81	81			
149-04	87	0	0	0	64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	80	80	80	84	84	84	84	84	86	86	85			
215-01	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
309-02	83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
307-01	80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
401-04	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
407-04	82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
601-08	69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
501-04	68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			

