

Detailed Calculation of Construction Noise Levels at Representative NSRs - Unmitigated Scenario

Project Specific PME Item	Max SWL, dB(A)	Affected	Total SWL, dB(A)	Dist. From	Dist. Corr.,	Screening Corr., ⁽¹⁾	Façade Corr.,	Corrected Noise Levels, dB(A)
SST - Christian Zheng Sheng Association Ltd								
Works Type 1 - Construction of Sewer (Open Cut Method)	113		0	0	0.0	0	0	0.0
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126	v	126	211	-54.5	0	3	74.3
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								74.3
HST - Hung Shing Temple								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	19	-33.6	0	3	82.5
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								82.5
STP2 - No.16 Shek Tsai Po Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	1	-8.0	0	3	108.1
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113	v	113	113	-49.0	0	3	67.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								108.1
STP3 - No.6 Shek Tsai Po Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	1	-8.0	0	3	108.1
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113	v	113	70	-44.9	0	3	71.2
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								108.1
STP4 - No.88 Shek Tsai Po Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	113		0	0	0.0	0		0.0
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113	v	113	1	-8.0	0	3	108.1
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								108.1
STP5 - No.21 Shek Tsai Po Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	1	-8.0	0	3	108.1
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113	v	113	1	-8.0	0	3	108.1
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								111.1
STP1 - No.391A Shek Tsai Po Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	1	-8.0	0	3	108.1
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113	v	113	7	-24.9	0	3	91.2
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								108.2
KHB2 - No.33 Kat Hing Back Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	2	-14.0	0	3	102.1
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								102.1
TOM - No.4 Tai O Market Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	1	-8.0	0	3	108.1
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								108.1

Project Specific PME Item	Max SWL dB(A)	Affected	Total SWL, dB(A)	Dist. From	Dist. Corr.,	Screenin g ⁽¹⁾ Corr.,	Façade Corr.,	Corrected Noise Levels, dB(A)
TOTP1 - No.190 Tai O Tai Ping Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	2	-14.0	0	3	102.1
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								102.1
TOTP3 - No.150 Tai O Tai Ping Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	1	-8.0	0	3	108.1
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								108.1
KHH - Kam Hin House								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	11	-28.8	0	3	87.3
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96	v	96	151	-51.6	0	3	47.4
Total								87.3
TOTP4 - Wing Chor School								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	6	-23.5	0	3	92.5
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								92.5
TOWO1 - No.10 Tai O Wing On Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	2	-14.0	0	3	102.1
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								102.1
TOWO2 - No.52 Tai O Wing On Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	1	-8.0	0	3	108.1
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								108.1
TOWO3 - No.100 Tai O Wing On Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	1	-8.0	0	3	108.1
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								108.1
LUT1 - No.53 Leung UK Tsuen								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	1	-8.0	0	3	108.1
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								108.1
LUT2 - No.21A Leung UK Tsuen								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	3	-17.5	0	3	98.5
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								98.5

Project Specific PME Item	Max SWL dB(A)	Affected	Total SWL, dB(A)	Dist. From	Dist. Corr.,	Screenin g ⁽¹⁾ Corr.,	Façade Corr.,	Corrected Noise Levels, dB(A)
NCT1 - No. 9 Nam Chung Tsuen								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	3	-17.5	0	3	98.5
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								98.5
NCT3 - No. 7C Nam Chung Tsuen								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	1	-8.0	0	3	108.1
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								108.1
NCT6 - No.10 Nam Chung Tsuen								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	8	-26.0	0	3	90.0
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122	v	122	11	-28.8	0	3	96.2
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								97.1
NTST1 - No.4 Nam Tong Sun Tsuen								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	1	-8.0	0	3	108.1
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								108.1
BCM - Buddhist Cheung Mui Kwai Kindergarten								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	49	-41.8	0	3	74.3
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								74.3
BHMC - Buddhist Ho Memorial College								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	214	-54.6	0	3	61.5
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96	v	96	148	-51.4	0	3	47.6
Total								61.7
WHV1 - Wa Kwong Temple (Wang Hang Village)								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	1	-8.0	0	3	108.1
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								108.1
WHV2 - No. 4 Wang Hang Village								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	1	-8.0	0	3	108.1
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								108.1
WHV3 - No.1 Wang Hang Village								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	1	-8.0	0	3	108.1
Works Type 2 - Construction of Sewer (Trenchless Method)	122		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								108.1
WHV4 - No.21 Wang Hang Village								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	v	113	22	-34.8	0	3	81.2
Works Type 2 - Construction of Sewer (Trenchless Method)	122	v	122	48	-41.6	0	3	83.4
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122	v	122	46	-41.2	0	3	83.8
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								87.7

Project Specific PME Item	Max SWL dB(A)	Affected	Total SWL, dB(A)	Dist. From	Dist. Corr.,	Screenin g ⁽¹⁾ Corr.,	Façade Corr.,	Corrected Noise Levels, dB(A)
WHV5 - No.14 Wang Hang Village								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	√	113	9	-27.1	0	3	89.0
Works Type 2 - Construction of Sewer (Trenchless Method)	122	√	122	119	-49.5	0	3	75.5
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122	√	122	139	-50.8	0	3	74.2
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								89.3
WHV6 - No.18 Wang Hang Village								
Works Type 1 - Construction of Sewer (Open Cut Method)	113	√	113	1	-8.0	0	3	108.1
Works Type 2 - Construction of Sewer (Trenchless Method)	122	√	122	48	-41.6	0	3	83.4
Works Type 3 - Upgrading of Existing Sewer	113		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	126		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	122	√	122	34	-38.6	0	3	86.4
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	122		0	0	0.0	0	0	0.0
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								108.1

Summary of Construction Noise Levels at Representative NSRs - Unmitigated Scenario

NSR	Nature of Use	Predicted Unmitigated Cumulative Construction Noise Level, dB(A)	Noise Criteria, dB(A)	Noise Exceedance, dB(A)
SST	Dormitory	74	75	0
HST	Temple	83	75	8
STP2	Residential	108	75	33
STP3	Residential	108	75	33
STP4	Residential	108	75	33
STP5	Residential	111	75	36
STP1	Residential	108	75	33
KHB2	Residential	102	75	27
TOM	Residential	108	75	33
TOTP1	Residential	102	75	27
TOTP3	Residential	108	75	33
KHH	Residential	87	75	12
TOTP4	School	93	70/65*	22
TOWO1	Residential	102	75	27
TOWO2	Residential	108	75	33
TOWO3	Residential	108	75	33
LUT1	Residential	108	75	33
LUT2	Residential	99	75	24
NCT1	Residential	99	75	24
NCT3	Residential	108	75	33
NTST1	Residential	97	75	22
NTST2	Residential	108	75	33
BCM	School	74	70/65*	4
BHMC	School	62	70/65*	0
WHV1	Temple	108	75	33
WHV2	Residential	108	75	33
WHV3	Residential	108	75	33
WHV4	Residential	88	75	13
WHV5	Residential	89	75	14
WHV6	Residential	108	75	33