

Detailed Calculation of Construction Noise Levels at Representative NSRs - Mitigated Scenario - Level 1 + 3 Mitigation Measures

Project Specific PME Item	Max SWL dB(A)	Affected	Total SWL, dB(A)	Dist. From NSR, m	Dist. Corr., dB(A)	Screenin g ⁽¹⁾ Corr., dB(A)	Façade Corr., dB(A)	Corrected Noise Levels, dB(A)
SST - Christian Zheng Sheng Association Ltd								
Works Type 1 - Construction of Sewer (Open Cut Method)	80		0	0	0.0	0	0	0.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122	v	122	211	-54.5	0	3	70.7
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								70.7
HST - Hung Shing Temple								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	19	-33.6	0	3	49.4
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								49.4
STP2 - No.16 Shek Tsai Po Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	1	-8.0	0	3	75.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80	v	80	113	-49.0	0	3	34.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								75.0
STP3 - No.6 Shek Tsai Po Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	1	-8.0	0	3	75.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80	v	80	70	-44.9	0	3	38.1
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								75.0
STP4 - No.88 Shek Tsai Po Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	80		0	0	0.0	0		0.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80	v	80	1	-8.0	0	3	75.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								75.0
STP5 - No.21 Shek Tsai Po Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	1	-8.0	0	3	75.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80	v	80	1	-8.0	0	3	75.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								75.0
STP1 - No.391A Shek Tsai Po Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	1	-8.0	0	3	75.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80	v	80	7	-24.9	0	3	58.1
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								75.1
KHB2 - No.33 Kat Hing Back Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	2	-14.0	0	3	69.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								69.0
TOM - No.4 Tai O Market Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	1	-8.0	0	3	75.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								75.0

Project Specific PME Item	Max SWL dB(A)	Affected	Total SWL, dB(A)	Dist. From NSR, m	Dist. Corr., dB(A)	Screenin g ⁽¹⁾ Corr., dB(A)	Façade Corr., dB(A)	Corrected Noise Levels, dB(A)
TOTP1 - No.190 Tai O Tai Ping Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	2	-14.0	0	3	69.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								69.0
TOTP3 - No.150 Tai O Tai Ping Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	1	-8.0	0	3	75.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								75.0
KHH - Kam Hin House								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	11	-28.8	0	3	54.2
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								55.0
TOTP4 - Wing Chor School								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	6	-23.5	0	3	59.5
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								59.5
TOWO1 - No.10 Tai O Wing On Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	2	-14.0	0	3	69.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								69.0
TOWO2 - No.52 Tai O Wing On Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	1	-8.0	0	3	75.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								75.0
TOWO3 - No.100 Tai O Wing On Street								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	1	-8.0	0	3	75.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								75.0
LUT1 - No.53 Leung UK Tsuen								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	1	-8.0	0	3	75.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								75.0
LUT2 - No.21A Leung UK Tsuen								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	3	-17.5	0	3	65.5
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								65.5

Project Specific PME Item	Max SWL dB(A)	Affected	Total SWL, dB(A)	Dist. From NSR, m	Dist. Corr., dB(A)	Screenin g ⁽¹⁾ Corr., dB(A)	Façade Corr., dB(A)	Corrected Noise Levels, dB(A)
NCT1 - No. 9 Nam Chung Tsuen								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	3	-17.5	0	3	65.5
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								65.5
NCT3 - No. 7C Nam Chung Tsuen								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	1	-8.0	0	3	75.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								75.0
NCT6 - No.10 Nam Chung Tsuen								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	8	-26.0	0	3	57.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101	v	101	11	-28.8	0	3	75.2
Works Type 7 - Temporary Workings Area at Yim Tin Pok Temporary Playground	96		0	0	0.0	0	0	0.0
Total								75.3
NTST1 - No.4 Nam Tong Sun Tsuen								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	1	-8.0	0	3	75.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								75.0
BCM - Buddhist Cheung Mui Kwai Kindergarten								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	49	-41.8	0	3	41.2
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								41.2
BHMC - Buddhist Ho Memorial College								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	214	-54.6	0	3	28.4
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								47.7
WHV1 - Temple (Wang Hang Village)								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	1	-8.0	0	3	75.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								75.0
WHV2 - No. 4 Wang Hang Village								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	1	-8.0	0	3	75.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								75.0
WHV3 - No.1 Wang Hang Village								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	1	-8.0	0	3	75.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108		0	0	0.0	0	0	0.0
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101		0	0	0.0	0	0	0.0
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								75.0
WHV4 - No.21 Wang Hang Village								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	v	80	22	-34.8	0	3	48.2
Works Type 2 - Construction of Sewer (Trenchless Method)	108	v	108	48	-41.6	0	3	69.4
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101	v	101	46	-41.2	0	3	62.8
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								70.3

Project Specific PME Item	Max SWL dB(A)	Affected	Total SWL, dB(A)	Dist. From NSR, m	Dist. Corr., dB(A)	Screenin g ⁽¹⁾ Corr., dB(A)	Façade Corr., dB(A)	Corrected Noise Levels, dB(A)
WHV5 - No.14 Wang Hang Village								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	√	80	9	-27.1	0	3	55.9
Works Type 2 - Construction of Sewer (Trenchless Method)	108	√	108	119	-49.5	0	3	61.5
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101	√	101	139	-50.8	0	3	53.2
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								63.0
WHV6 - No.18 Wang Hang Village								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	√	80	1	-8.0	0	3	75.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108	√	108	48	-41.6	0	3	69.4
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101	√	101	34	-38.6	0	3	65.4
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								75.0
WHV7 - No.25 Wang Hang Village								
Works Type 1 - Construction of Sewer (Open Cut Method)	80	√	80	1	-8.0	0	3	75.0
Works Type 2 - Construction of Sewer (Trenchless Method)	108	√	108	48	-41.6	0	3	69.4
Works Type 3 - Upgrading of Existing Sewer	80		0	0	0.0	0	0	0.0
Works Type 4 - Construction of Tai O Sewage Treatment Works	122		0	0	0.0	0	0	0.0
Works Type 5 - Construction of Hang Mei Sewage Pumping Station	101	√	101	34	-38.6	0	3	65.4
Works Type 6 - Construction of Fan Kwai Tong Sewage Pumping Station	101		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								75.0

Summary of Construction Noise Levels at Representative NSRs - Mitigated Scenario

NSR	Nature of Use	Predicted Mitigated Cumulative Construction Noise Level, dB(A)	Noise Criteria, dB(A)	Noise Exceedance, dB(A)
SST	Dormitory	71	75	0
HST	Temple	49	75	0
STP2	Residential	75	75	0
STP3	Residential	75	75	0
STP4	Residential	75	75	0
STP5	Residential	75	75	0
STP1	Residential	75	75	0
KHB2	Residential	69	75	0
TOM	Residential	75	75	0
TOTP1	Residential	69	75	0
TOTP3	Residential	75	75	0
KHH	Residential	55	75	0
TOTP4	School	59	70/65*	0
TOWO1	Residential	69	75	0
TOWO2	Residential	75	75	0
TOWO3	Residential	75	75	0
LUT1	Residential	75	75	0
LUT2	Residential	66	75	0
NCT1	Residential	66	75	0
NCT3	Residential	75	75	0
NCT6	Residential	75	75	0
NTST1	Residential	75	75	0
BCM	School	41	70/65*	0
BHMC	School	48	70/65*	0
WHV1	Temple	75	75	0
WHV2	Residential	75	75	0
WHV3	Residential	75	75	0
WHV4	Residential	70	75	0
WHV5	Residential	63	75	0
WHV6	Residential	75	75	0
WHV7	Residential	75	75	0