





















NSR:	N10
Scenario:	Mitigated
Noise criterion, dB(A)	75

Construction Activity	Worksite	SWL, dB(A)	Dist, m	DC dB(A)	FC dB(A)	2025												2026												2027												2028												2029											
						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	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>1 Construction of Stormwater Pumping Station and Associated Drains</b>																																																																	
<b>1.1 Construction Access across Pak Ngan Heung River</b>																																																																	
1.1.1 Site Clearance & Mobilisation	1.1.1	102	n/a	n/a	n/a																																																												
1.1.2 Construction of Cross Bridge	1.1.2	103	n/a	n/a	n/a																																																												
<b>1.2 Construction of Stormwater Pumping Station</b>																																																																	
1.2.1 Site Clearance & Mobilisation	1.2.1	101	n/a	n/a	n/a																																																												
1.2.2 Excavation for Stormwater Pumping Station	1.2.2	101	n/a	n/a	n/a																																																												
1.2.3 Piling Works for Wet Well and Pumping Station	1.2.3	103	n/a	n/a	n/a																																																												
1.2.4 Concreting Works for Wet Well	1.2.4	104	n/a	n/a	n/a																																																												
1.2.5 Superstructure for Pumping Station	1.2.5	104	n/a	n/a	n/a																																																												
1.2.6 E&M Installations and Testing for Pumping Station	1.2.6	89	n/a	n/a	n/a																																																												
1.2.7 Reinstatement	1.2.7	104	n/a	n/a	n/a																																																												
<b>1.3 Construction of Associated Drainage Works (Outlet Channel to River Silver)</b>																																																																	
1.3.1 Site Clearance & Mobilisation	1.3.1	104	n/a	n/a	n/a																																																												
1.3.2 Excavation & Temporary Works	1.3.2	100	n/a	n/a	n/a																																																												
1.3.3 Formwork Erection, Reinforcement Fixing and Concreting	1.3.3	103	n/a	n/a	n/a																																																												
1.3.4 Formwork Dismantling and Backfilling	1.3.4	98	n/a	n/a	n/a																																																												
<b>1.4 Construction of Associated Drainage Works (Ling Tsui Tau, Nam Bin Wai and Ma Po Tsuen)</b>																																																																	
1.4.1 Pipe-laying Works	1.4.1	88	146	-51	3																																																												
1.4.2 Backfilling and Reinstatement	1.4.2	89	146	-51	3																																																												
<b>1.5 Construction of Associated Drainage Works (River Crossing)</b>																																																																	
1.5.1 Construction of Launching Pit	1.5.1	96	n/a	n/a	n/a																																																												
1.5.2 Equipment Setup	1.5.2	100	n/a	n/a	n/a																																																												
1.5.3 Trenchless Operation	1.5.3	101	n/a	n/a	n/a																																																												
1.5.4 Construction of Manhole	1.5.4	102	n/a	n/a	n/a																																																												
1.5.5 Reinstatement & Ancillary Works	1.5.5	101	n/a	n/a	n/a																																																												
<b>2 Construction Diversion Box Culvert (From Tai Tei Tong River to Luk Tei Tong Bypass Channel)</b>																																																																	
2.1 Site Clearance & Mobilisation	2.1	102	117	-49	3																																																												
2.2 Excavation & Temporary Works	2.2	103	117	-49	3																																																												
2.3 Formwork Erection, Reinforcement Fixing and Concreting	2.3	102	117	-49	3																																																												
2.4 Formwork Dismantling and Backfilling	2.4	101	117	-49	3																																																												
<b>3 River Improvement Works</b>																																																																	
<b>3.1 Improvement Works Along Tai Tei Tong River</b>																																																																	
3.1.1 Construction of Flood Walls and Reconstruction of Gabion Walls	3.1.1	86	196	-54	3																																																												
3.1.2 River Reprofiling	3.1.2	97	n/a	n/a	n/a																																																												
3.1.3 Modification of Agricultural Weir & Fish Ladder	3.1.3	104	149	-51	3																																																												
3.1.4 Construction of Low Flow Device	3.1.4	104	219	-55	3																																																												
<b>3.2 Improvement Works Along Luk Tei Tong Bypass Channel and Luk Tei Tong River</b>																																																																	
3.2.1 Reconstruction of gabion walls	3.2.1	102	99	-48	3																																																												
3.2.2 Construction of box culvert	3.2.2	103	n/a	n/a	n/a																																																												
3.2.3 Construction of mechanical penstocks	3.2.3	101	194	-54	3																																																												
<b>4 Construction of Tidal Gate and Other Associated Works</b>																																																																	
4.1 Construction of Temporary Barrier across River Silver & Isolation from Upstream Flows	4.1	98	n/a	n/a	n/a																																																												
4.2 Concreting Works for Tidal Gate	4.2	103	n/a	n/a	n/a																																																												
4.3 Delivery and E&M Installations for Tidal Gate	4.3	85	n/a	n/a	n/a																																																												
<b>5 River Revitalisation and Associated Works</b>																																																																	
5.1 Construction of Footpath along Luk Tei Tong Bypass Channel	5.1	98	23	-35	3																																																												
5.2 Softscape and Hardscape Works	5.2	90	23	-35	3																																																												
<b>Predicted Noise Level, Leq (30min.), dB(A)</b>																																																																	
<b>- Construction Activity within Work Area</b>																																																																	
<b>Cumulative Noise Level, Leq (30mins), dB(A)</b>																																																																	

Note:  
 [1] Abbreviation: SWL - Sound Power Level; Dist - Horizontal distance from notion source of worksite to NSR; DC - Distance correction; FC - Façade correction  
 [2] n/a - not applicable  
 [3] Predicted Construction Noise Level = SWL + Distance Correction + Barrier Correction + Façade Correction





















