

Appendix 4.1 Prevailing Background Noise Measurement Results

Location ID	Measurement Location	Dominant Noise Source	Measurement Condition (Free-field / Façade)	Representing NSRs ⁽¹⁾	Measured Noise Level ⁽²⁾ , L ₉₀ (1hr), dB(A)			
					Daytime and Evening (0700 to 2300 hours)		Night-time (2300 to 0700 hours)	
					Weekday	Weekend	Weekday	Weekend
M01	Near the existing Kam Sheung Road Station	Road traffic noise near the existing Kam Sheung Road Station	Free-field	KSR-PF01a, KSR-PF01b, KSR-PF01c, KSR-PF02a, KSR-PF02b, KSR-PF02c, KSR-PF02d, KSR-PF03a, KSR-PF03b, KSR-PF04, KSR-PF05, KSR-PF06	57	59	47	46
M03	Near In Keen Garden Phase 1	Loading and unloading activities near private storage area	Free-field	KSR-PF08, KSR-PF08a, AUT-F01, AUT-F01a	47	49	42	43
M04	Near Fung Kat Heung Public Toilet	Road traffic noise near Fung Kat Heung Road	Free-field	AUT-PF01, AUT-PF02, AUT-PF03, AUT-PF04, AUT-F02, AUT-F06	62	64	54	52
M05	At the Lamp Post (VD9741) near San Tin Highway	Road traffic noise near San Tin Highway and San Tam Road	Free-field	AUT-F05a, AUT-F05b, AUT-F05c	66	66	54	54
M06	At the Lamp Post (FA3637) along Wang Ping Shan South Road	Road traffic noise from the Wan Ping Shan South	Free-field	NTM-F01, NTM-F02, NTM-F05, NTM-F06	47	48	42	42
M07	At the lamp post (H4696) along Chuk Yau Road	Road traffic noise from the Chuk Yau Road	Free-field	NTM-PF01, NTM-PF02, NTM-F04, NTM-F04a, NTM-F05a, NTM-F08	54	56	49	48

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					Daytime and Evening (0700 to 2300 hours)		Night-time (2300 to 0700 hours)	
					Weekday	Weekend	Weekday	Weekend
M08	At the Lamp Post (FA3637) along the local road from Greenacres Villa to Tam Mei Barracks	Local road noise from Greenacres Villa to Tam Mei Barracks	Free-field	NTM-F07	45	45	38	39
M09	At the lamp post (VD3463)	Local road noise and loading and unloading activities and human activities	Free-field	SAT-F02	49	48	47	46
M11a	At the lamp post (FA8542) in Pak Shek Au	Local road noise and human activities	Free-field	KTU-F01, KTU-F01a, SAT-F04	54	53	47	47
M12	Near Wetland Seasons Park along Wetland Park Road ⁽³⁾	Road traffic noise from Wetland Park Road	Free-field	NTM-PF01a, NTM-PF01b, NTM-PF04, NTM-PF07a to NTM-PF07h, NTM-PF07q to NTM-PF07s, SAT-PF01a, SAT-PF01b, SAT-PF01c, SAT-PF01d, SAT-PF01e, SAT-PF01f, SAT-PF01h, SAT-PF02d, SAT-PF03, SAT-PF03a, SAT-PF05a	58	59	54	52

Notes:

- (1) For NSRs located near within the future Kwu Tong North NDA, the prevailing background noise would make reference to the approved EIA report for North East New Territories New Development Areas (Register No.: AEIAR-175/2013).
- (2) A +3dB(A) façade correction was added to the free-field measurement result to account for the façade effect.

- (3) To simulate the future conditions at SAT and NTM NDAs, background noise measurement was conducted at Tin Shui Wai (near Wetland Seasons Park Phase 1), where are located in the same type of area “Area other than those above” with prevailing background dominated by road traffic on Wetland Park Road, for determination of comparable background noise at these NDAs. Noise climate of future SAT NDA near SAT Station will be dominated by planned Road D1 while the noise climate of Wetland Season Park is dominated by Wetland Park Road. As both planned Road D1 and Wetland Park Road are classified as District Distributor Road, the prevailing background noise measured near Wetland Season Park is considered representative to that of future SAT Station area. For the noise climate at the area to the south of NTD, would be dominated by planned road within the NTM Land use review. Although road category of the planned road is not available in this stage, the scale of the road is expected to be similar to Wetland Park Road. Hence, the prevailing background noise within NTM Land Use Review area is expected to be similar to Wetland Season Park, and the prevailing background noise measured near Wetland Season Park is considered representative to that of area to the south of NTD.