

#### Appendix 4.1 Proposed Fixed Plant Noise Criteria for NSRs

NSR ID	Description	NAP <sup>(1)</sup>	Land Use <sup>(2)</sup>	Existing / Planned	Type of Area	Influencing Factor (IF)	Degree to which NSR is affected by IF	Area Sensitive Rating	Daytime and Evening (0700 to 2300 hours)			Night-time (2300 to 0700 hours)		
									ANL-5, dB(A)	Prevailing Background <sup>(3)</sup>	Noise Criteria	ANL-5, dB(A)	Prevailing Background <sup>(3)</sup>	Noise Criteria
TE	The Esplanade	TE1	R	Existing	Area other than those above	Wong Chu Road <sup>(4)</sup>	Directly Affected	B <sup>(6)</sup>	60	57	57	50	53	50
A16PH	Planned Property Development in Area 16	A16PH1	R	Planned	Area other than those above	-	-	B	60	57	57	50	53	50
		A16PH2	R	Planned	Area other than those above	-	-	B	60	57	57	50	53	50
		A16PH3	R	Planned	Area other than those above	-	-	B	60	57	57	50	53	50
		A16PH4	R	Planned	Area other than those above	Wong Chu Road <sup>(4)</sup>	Not Affected	B	60	57	57	50	53	50
		A16PH4a	R	Planned	Area other than those above	Wong Chu Road <sup>(4)</sup>	Not Affected	B	60	57	57	50	53	50
		A16PH5	R	Planned	Area other than those above	Wong Chu Road <sup>(4)</sup>	Directly Affected	C	65	57	57	55	53	53
		A16PH5a	R	Planned	Area other than those above	Wong Chu Road <sup>(4)</sup>	Not Affected	B	60	57	57	50	53	50
		A16PH6	R	Planned	Area other than those above	-	-	B	60	57	57	50	53	50

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		A16PH10	R	Planned	Area other than those above	-	-	B	60	57	57	50	53	50
		A16PH11	R	Planned	Area other than those above	-	-	B	60	57	57	50	53	50
		A16PH12	R	Planned	Area other than those above	Wong Chu Road <sup>(4)</sup>	Indirectly Affected	B	60	57	57	50	53	50
		A16PH13	R	Planned	Area other than those above	Wong Chu Road <sup>(4)</sup>	Directly Affected	C	65	57	57	55	53	53
		A16PH14	R	Planned	Area other than those above	Wong Chu Road <sup>(4)</sup>	Directly Affected	C	65	57	57	55	53	53
		A16PH15	R	Planned	Area other than those above	-	-	B	60	57	57	50	53	50
HSNPS	Yan Chai Hospital Ho Sik Nam Primary School <sup>(5)</sup>	HSNPS	E	Existing	Area other than those above	Wong Chu Road <sup>(4)</sup>	Directly Affected	C	65	59	59	-	-	-
OH	Oceania Heights	OH1	R	Existing	Area other than those above	Wong Chu Road <sup>(4)</sup>	Not Affected	B	60	59	59	50	54	50
LMO	Lung Mun Oasis	LMO1	R	Existing	Area other than those above	-	-	B	60	57	57	50	53	50
		LMO2	R	Existing	Area other than those above	-	-	B	60	57	57	50	53	50

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		LMO3	R	Existing	Area other than those above	-	-	B	60	57	57	50	53	50
GG	Glorious Garden	GG1	R	Existing	Area other than those above	-	-	B	60	57	57	50	53	50
		GG2	R	Existing	Area other than those above	-	-	B	60	57	57	50	53	50
WF	Wu Fai House	WF1	R	Existing	Area other than those above	-	-	B	60	52	52	50	49	49
		WF2	R	Existing	Area other than those above	-	-	B	60	52	52	50	49	49
WT	Tuen Mun District Women's Association Limited - Zonta Club of Hong Kong Integrated Service Centre <sup>(5)</sup>	WT0b	E	Existing	Area other than those above	-	-	B	60	52	52	-	-	-
	Wu Tsui House	WT1	R	Existing	Area other than those above	-	-	B	60	52	52	50	49	49
		WT2	R	Existing	Area other than those above	-	-	B	60	52	52	50	49	49
WHPQ	Tuen Mun Wu Hong Police Quarters	WHPQ1	R	Existing	Area other than those above	-	-	B	60	52	52	50	49	49
		WHPQ2	R	Existing	Area other than those above	-	-	B	60	52	52	50	49	49

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LCCS	Yan Chai Hospital Law Chan Chor Si Primary School <sup>(5)</sup>	LCCS1	E	Existing	Area other than those above	-	-	B	60	52	52	-	-	-
		LCCS2	E	Existing	Area other than those above	-	-	B	60	52	52	-	-	-
NH	Nga Hei House, Siu Hei Court	NH1	R	Existing	Area other than those above	-	-	B	60	52	52	50	49	49
SHDC	Tung Wah Group of Hospitals Sun Hoi Directors' College <sup>(5)</sup>	SHDC1	E	Existing	Area other than those above	-	-	B	60	52	52	-	-	-
TCC	Taoist Ching Chung Primary School <sup>(5)</sup>	TCC	E	Existing	Area other than those above	-	-	B	60	52	52	-	-	-
WB	Yan Oi Tong Allan Yap Kindergarten <sup>(5)</sup>	WB0	E	Existing	Area other than those above	-	-	B	60	52	52	-	-	-
	Wu Boon House, Wu King Estate	WB1	R	Existing	Area other than those above	-	-	B	60	52	52	50	49	49
		WB2	R	Existing	Area other than those above	-	-	B	60	52	52	50	49	49
WK	Wu Kwong House, Wu King Estate	WK1	R	Existing	Area other than those above	-	-	B	60	52	52	50	49	49
		WK2	R	Existing	Area other than those above	-	-	B	60	52	52	50	49	49

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RG	Block 4, Richland Garden	RG1	R	Existing	Area other than those above	-	-	B	60	52	52	50	49	49
PG	Block 1, Pierhead Garden	PG1	R	Existing	Area other than those above	-	-	B	60	52	52	50	49	49

Notes:

- (1) NAP – Noise Assessment Point
- (2) E - Educational Institution; R - Residential.
- (3) The lowest measured prevailing background noise levels during weekday and weekend are presented.
- (4) Based on ATC 2020, the AADT of Wong Chu Road and Tuen Mun Heung Sze Wui Road is more than 30,000, and therefore these roads are classified as an Influencing Factor (IF) according IND-TM.
- (5) No sensitive use during night-time period.
- (6) Considering the southern façades of The Esplanade does not have direct line of sight to the IF (i.e. Wong Chu Road), a conservative approach by adoption of ASR B has been adopted for TE1 in noise assessment.