

**Appendix 4.1 Noise Criteria for Fixed Noise Sources**

Area	Time Period	ANL	Planning Criteria (ANL - 5 dB(A))	Measured Background Noise Level	Recommended Noise Criteria for Newly Proposed Fixed Plant
North Point PTW	Day (0700 to 1900 hours)	65	60	76.8	60
	Evening (1900 to 2300 hours)			75.2	
	Night (2300 to 0700 hours)	55	50	67.8	
Wan Chai East PTW	Day (0700 to 1900 hours)	70	65	72.5	65
	Evening (1900 to 2300 hours)			71.7	
	Night (2300 to 0700 hours)	60	55	72.2	
Fung Mat Road Site	Day (0700 to 1900 hours)	70	65	69.7	65
	Evening (1900 to 2300 hours)			65.9	
	Night (2300 to 0700 hours)	60	55	66.3	
Central PTW	Day (0700 to 1900 hours)	70	65	73.6	65
	Evening (1900 to 2300 hours)			69.2	
	Night (2300 to 0700 hours)	60	55	64.6	
Sandy Bay PTW	Day (0700 to 1900 hours)	60	55	70.2	55
	Evening (1900 to 2300 hours)			63.4	
	Night (2300 to 0700 hours)	50	45	64.6	
Cyberport PTW	Day (0700 to 1900 hours)	65	60	51.2	45
	Evening (1900 to 2300 hours)			45.4	
	Night (2300 to 0700 hours)	55	50	42.8	
Wa Fu PTW	Day (0700 to 1900 hours)	65	60	59.0	53
	Evening (1900 to 2300 hours)			52.6	
	Night (2300 to 0700 hours)	55	50	50.7	
Aberdeen PTW	Day (0700 to 1900 hours)	65	60	61.3	58
	Evening (1900 to 2300 hours)			58.1	
	Night (2300 to 0700 hours)	55	50	51.8	
Ap Lei Chau PTW	Day (0700 to 1900 hours)	65	60	57.2	57
	Evening (1900 to 2300 hours)			57.1	
	Night (2300 to 0700 hours)	55	50	52.8	
Stage 2A Disinfection Facilities	Day (0700 to 1900 hours)	70	65	76.7	65
	Evening (1900 to 2300 hours)			69.2	
	Night (2300 to 0700 hours)	60	55	69.5	

Appendix 4.1 (Cont'd)

Area	Time Period	ANL	Planning Criteria (ANL - 5 dB(A))	Measured Background Noise Level	Recommended Noise Criteria for Newly Proposed Fixed Plant
Stonecutters Island STW	Day (0700 to 1900 hours)	70	65	67.9	61
	Evening (1900 to 2300 hours)			61.0	
	Night (2300 to 0700 hours)	60	55	59.6	55