

## **Appendix 4-7A**

# **Cumulative Industrial Noise Calculation**

**Appendix 4-7A Cumulative Noise Levels Due to Industrial Noise Sources, and Existing Floodwater Pumping Station**

Cumulative noise level due to the pumping stations and the identified fixed noise sources at the representative NSR locations, are summarised in the below table.

**Daytime:**

NSR ID	Noise Level Due to Chuk Yuen Floodwater Pumping Station, dB(A) *	Noise Level Due to Fixed Noise Source, dB(A) **	Cumulative Noise Level, dB(A)	Noise Criteria, dB(A)
	A	B	A+B	
107	36	41.5	42.6	55
111	40	39.7	42.9	55

**Night-time:**

NSR ID	Noise Level Due to Chuk Yuen Floodwater Pumping Station, dB(A) *	Noise Level Due to Fixed Noise Source, dB(A) **	Cumulative Noise Level, dB(A)	Noise Criteria, dB(A)
	A	B	A+B	
107	36	32.0	37.5	45
111	40	30.4	40.5	45

**Remark:**

\* Noise level due to the existing Chuk Yuen Floodwater Pumping Station as presented in Table 4-11 of the main text of this EIA report

\*\* Noise level due to identified fixed noise sources as presented in Appendices 4.6 – 4.7.

Based on the results, the estimated cumulative noise levels can comply with the relevant noise criteria specified in Table 4-11 of this NIA report. Therefore, no unacceptable industrial noise impact is anticipated.