

Table 5.10f

Water Quality Modelling Results at Water Intakes for Comparison Against WSD Criteria - Wet Season

Sensitive Receiver	Dissolved Oxygen (mg L ⁻¹)			BOD (mg L ⁻¹)			Ammoniacal Nitrogen (mg L ⁻¹)			<i>E. coli</i> (cfu 100mL ⁻¹)			Suspended Solids (mg L ⁻¹)		
	Baseline	NSLD	NSLD + CT	Baseline	NSLD	NSLD + CT	Baseline	NSLD	NSLD + CT	Baseline	NSLD	NSLD + CT	Baseline	NSLD	NSLD + CT
	Tsuen Wan WSD Intake	4.9	4.9	4.9	2.0	2.3	2.4	0.1	0.1	0.2	38,790	37,470	36,960	9.8	9.8
Tsing Yi WSD Intake	4.7	4.7	4.7	1.8	1.7	1.7	0.1	0.1	0.1	21,360	19,090	19,580	9.8	9.8	9.6
Cheung Sha Wan WSD Intake	4.9	4.9	4.9	4.7	4.7	4.8	0.3	0.3	0.3	85,550	87,020	94,530	12.4	12.5	12.2
Yau Ma Tei WSD Intake	5.0	5.0	5.0	1.9	1.8	1.6	0.1	0.1	0.1	7,944	7,684	10,160	8.1	7.6	7.4
Sheung Wan WSD Intake	4.7	4.6	4.7	1.6	1.6	1.5	0.1	0.1	0.1	20,550	20,310	20,430	7.1	7.1	7.0
Kennedy Town WSD Intake	4.9	4.7	4.7	0.8	0.8	0.8	0.1	0.1	0.1	363	306	328	8.7	8.8	8.7
Tai Ho WSD Intake	5.4	5.4	5.4	2.3	2.3	2.3	0.2	0.2	0.2	956	1,080	863	18.3	15.5	14.8
Fa Peng WSD Intake	4.7	4.7	4.7	0.9	0.9	0.9	0.1	0.1	0.1	16	39	39	11.3	11.3	11.1
Sham Shui Kok WSD Intake	5.1	5.2	5.2	1.2	1.2	1.2	0.1	0.1	0.1	12	15	14	12.9	12.7	12.6

Notes :

1. Shaded cells indicate exceedences of the WSD standards.
2. Dissolved oxygen data are presented as minimum surface concentrations.
3. BOD, Ammoniacal Nitrogen, *E. coli* and Suspended Solids data are presented as maximum surface concentrations