

Appendix 4

Estimation of Sewage Flow from the Proposed Development

<u>Estimation of Sewage Flow from the Proposed Development</u>			<u>Notes</u>
a) <u>Generation from Residents</u>			Refer to the planning unit flow for "Institutional and Special Class" in Table T-1 of GESF
Total number of residents	434 persons		
Unit flow	0.190 m ³ /person/day		
Estimated daily flow	82.46 m ³ /day		
b) <u>Generation from Employees Activities for Property Management</u>			Advised by the project operators. Refer to the planning unit flow factor for "Commercial Employee" + "Commercial Activities: General-territorial average" in Table T-2 of GESF
Max. number of employees	10 persons		
Unit flow	0.280 m ³ /person/day		
Estimated daily flow	2.80 m ³ /day		
c) <u>Generation from Office</u>			Refer to worker density for "Financial, Insurance, Real Estate & Business Services" in Table 8 of CIFSUS
Office area (GFA)	496.29 m ²		
Assumed worker density	5.5 worker per 100m ²		
Total number of employees	28 persons		Refer to the planning unit flow factor for "Commercial Employee" + "Commercial Activities: General-territorial average" in Table T-2 of GESF
Unit flow	0.280 m ³ /person/day		
Estimated daily flow	7.84 m ³ /day		
Total estimated daily flow	93.10 m ³ /day		Refer to the Catchment Inflow Factor for "East Kowloon" in Table T-4 of GESF
Catchment inflow factor	1.10		
Estimated daily flow including catchment inflow factor	<u>102.41</u> m ³ /day		