

Appendix 9.2 - Sewage Estimation for Catchment L & K

Sub-Catchment	Contributing Planning Area		GFA (Retail)	GFA (Office/Hotel)	Number of Flat / Class	Person per Flat/Class	Per Capita Contribution ¹¹	Population	Average Daily Flow
Catchment L & K							m3/d		m3/d
L1	Visitor	Tung Chung Swimming Pool ⁴	-	-	-	-	0.010	1,000.00	10.00
	Staff						0.280	50.00	14.00
L2	Visitor	Tung Chung Cable Car Terminal ¹	-	-	-	-	0.010	37,200.00	372.00
	Staff						0.280	100.00	28.00
L3	Tung Chung Crescent ⁷		-	-	2158.00	2.78	0.230	6,000.00	1,380.00
L4	One Citygate ²		43000	37000	-	-	0.280	2,000.00	560.00
L5	Fu Tung Estate ⁵	Tung Ma House	-	-	1700.00		0.230	5,848.00	1,345.04
		Tung Po House							
		Tung Shing House							
L6	Yu Tung Court ⁵	Heung Tung House	-	-	2640.00	3.00	0.230	7,920.00	1,821.60
		Hor Tung House							
		Hei Tung House							
		Kai Tung House							
		Sun Tung House							
L7	P.l.k. Mrs Ma Kam Ming - Cheung Fook Sien College ⁹		-	-	30 Classes	40 student / class	0.040	1,200.00	48.00
L8	Ching Chung Hau Po Woon Primary School ⁹		-	-	30 Classes	30 student / class	0.040	950.00	38.00
L9	Hkfew Wong Cho Bau Secondary School ⁶		-	-	30 Classes	30 student / class	0.040	950.00	38.00
L10	H.k.s.k.h. Tung Chung Nursery School ¹⁰		-	-	4 Classes	25 student / class	0.040	105.00	4.20
L11	Po On Commercial Assn Wan Ho Kan Primary School ⁹		-	-	30 Classes	30 student / class	0.040	950.00	38.00
L12	Police Station, Fire Station ²		-	-	-	-	0.280	3,000.00	840.00
L13	Fu Tung Plaza ³		178900.00	-	-	-	0.280	4,472.50	1,252.30
Total								71,745.50	7,789.14
K	Chung Yan Road Sewage Pumping Station ⁸ (Average Daily Flow Record)		-	-	-	-	-	-	8,800.00
Total								-	8,800.00

Note:

1. High Peak Daily number of visitor from WP10 - Review of Cable Car Proposal (Agreement No.1/97 - Remaining Development in Tung Chung and Tai Ho Comprehensive Feasibility Study)

2. Planning Data from Agreement No. 1/97 - Remaining Development in Tung Chung and Tai Ho Comprehensive Feasibility Study.

3. Information published by "The Link Real Estate Investment Trust" (http://www.thelink.com.hk/_layouts/CustomSite_ShopCentreDetail.aspx?lng=en&shopping_id=44&type=false/)

4. Information published by "Leisure and Cultural Services Department" (<http://www.lcsd.gov.hk/beach/en/swim-address-is.php#tungchung>)

5. Information published by "Hong Kong Housing Authority" (<http://www.housingauthority.gov.hk/en/global-elements/estate-locator/index.html>)

6. Information published from school web-page (<http://www.wcbss.edu.hk/learn/classes.htm>)

7. Information published by the developer "MTR" (http://www.mtr.com.hk/eng/properties/prop_dev_tc.html)

8. Information from Revised Final Paper (TP7) on Broad Engineering Assessment on Development Options from Agreement No. CE32/2011 (CE) Planning and Engineering Study on the Remaining Development in Tung Chung - Feasibility

9. Assumption from Table 2 "Educational Facilities" of Hong Kong Standard and Guidelines (http://www.pland.gov.hk/pland_en/tech_doc/hkpsg/sum/pdf/sum.pdf)

10. Information published from school web-page (<http://www.schooland.hk/kg/hkskh-tc>)

11. The Per Capita Contribution of 0.35m3/employee/day is the GUFF for the commercial population which related to the commercial activities. (i.e. 0.35 = 0.29 (Commercial Activities only) + 0.06 (Commercial Population Only))

Appendix 9.2 - Sewage Estimation for Catchment M

Sub-Catchment	Contributing Planning Area (Note 1)	Catchment Name		GFA (Retail)	GFA (Office/Hotel)	Number of Flat / Class	Person per Flat/Class	Per Capita Contribution ⁶	Population	DWF
Catchment M								m3/d		m3/d
M1	14	-	Novotel Citygate Hong Kong (Hotel) ³	-	-	440 Rooms	2.0	0.280	880.00	246.40
M2	14	-	Citygate One ³	43000	37000	-	-	0.280	2000.00	560.00
M3	17	-	Tung Chung Municipal Services Building ¹	-	-	-	-	0.280	1000.00	280.00
M4	17	-	Ling Liang Church E Wun Secondary School ⁴	-	-	36 Classes	30 student / class	0.040	1300.00	52.00
M5	17	-	Ling Liang Church Sau Tak Primary School ²	-	-	30 Classes	30 student / class	0.040	950.00	38.00
M6	15	-	Seaview Crescent ³	-	-	1536.00	2.5	0.230	3840.00	883.20
M7	11	Coastal Skyline	Le Bleu Deux ³	-	-	3370	2.5	0.230	8425.00	1937.75
			Coastal Skyline ³							
			La Rossa ³							
M8	19 & 21	Caribbean Coast	La Mer ³	-	-	5336	2.5	0.230	13340.00	3068.20
			Caribbean Coast ³							
M9	20	-	Ho Yu Primary School (sponsored By Sik Sik Yuen) ⁵	-	-	18 Classes	30 student / class	0.040	510.00	20.40
M10	20	-	Ho Yu College (sponsored By Sik Sik Yuen) ⁵	-	-	36 Classes	30 student / class	0.040	1300.00	52.00
Total									33545.00	7137.95

Note:

1. Planning Data from Agreement No. 1/97 - Remaining Development in Tung Chung and Tai Ho Comprehensive Feasibility Study.

2. Information published by the School web site. (<http://www.llcst.edu.hk/>)

3. Information published by the developer "MTR" (http://www.mtr.com.hk/eng/properties/prop_dev_tc.html)

4. Assumption from Table 2 "Educational Facilities" of Hong Kong Standard and Guidelines

5. Information published by the School web site. (<http://www.hoyu.edu.hk/c/course/form/form.php>)

6. The Per Capita Contribution of 0.35m3/employee/day is the GUFF for the commercial population which related to the commercial activities. (i.e. 0.35 = 0.29 (Commercial Activities only) + 0.06 (Commercial Population Only)