



**APPENDIX F**

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**SOLID WASTE CALCULATION TABLES**

F1. Projected Domestic Waste Arisings (tonne/day)

Location	2001		2006		2011	
	A	B	A	B	A	B
<b>Summary by District</b>						
Central & Western	438	440	440	443	633	662
Wan Chai	297	301	320	325	331	343
Eastern	946	946	934	940	944	950
Southern	427	426	428	430	492	528
Yau Ma Tei	331	334	351	362	361	366
Mong Kok	222	222	224	226	228	227
Sham Shui Po	583	584	589	594	588	590
Kowloon City	725	724	842	847	878	874
Kwun Tong	799	802	849	1009	842	1122
Wong Tai Sin	736	735	730	734	729	726
Tsuen Wan	339	338	371	398	393	394
Kwai Chung	442	442	438	440	437	436
Tsing Yi	279	278	268	273	268	279
Tuen Mun	781	780	793	798	794	808
Yuen Long	252	252	259	275	306	307
Tin Shui Wai	536	536	522	525	525	524
Tai Po	390	389	401	403	395	393
Fanling/SS	340	340	361	364	360	557
Shatin	670	669	660	664	661	659
Ma On Shan	290	290	312	313	330	328
Tseung Kwan O	510	509	539	660	693	740
North Lantau	48	48	104	105	261	448
Rural NWNT	253	253	557	618	615	746
Rural NENT	85	85	105	105	97	97
Rural SENT	80	80	103	103	102	102
Rural SWNT (N-Lantau)	127	126	132	136	134	134
<b>METRO</b>	6569	6576	6788	7027	7130	7503
<b>NWNT</b>	1824	1822	2133	2218	2242	2386
<b>NENT</b>	1776	1773	1841	1851	1844	2037
<b>SENT</b>	590	589	642	764	796	842
<b>SWNT</b>	175	175	236	241	395	583
<b>Total</b>	10937	10937	11642	12103	12409	13353

F2. Number of Vehicles Required to Dispose of Domestic Waste per day

Location	2001		2006		2011	
	A	B	A	B	A	B
Summary by District						
Central & Western	219	220	220	222	317	331
Wan Chai	149	151	160	163	166	172
Eastern	473	473	467	470	472	475
Southern	214	213	214	215	246	264
Yau Ma Tei	166	167	176	181	181	183
Mong Kok	111	111	112	113	114	114
Sham Shui Po	292	292	295	297	294	295
Kowloon City	363	362	421	424	439	437
Kwun Tong	400	401	425	505	421	561
Wong Tai Sin	368	368	365	367	365	363
Tsuen Wan	170	169	186	199	197	197
Kwai Chung	221	221	219	220	219	218
Tsing Yi	140	139	134	137	134	140
Tuen Mun	391	390	397	399	397	404
Yuen Long	126	126	130	138	153	154
Tin Shui Wai	268	268	261	263	263	262
Tai Po	195	195	201	202	198	197
Fanling/SS	170	170	181	182	180	279
Shatin	335	335	330	332	331	330
Ma On Shan	145	145	156	157	165	164
Tseung Kwan O	255	255	270	330	347	370
North Lantau	24	24	52	53	131	224
Rural NWNT	127	127	279	309	308	373
Rural NENT	43	43	53	53	49	49
Rural SENT	40	40	52	52	51	51
Rural SWNT (N-Lantau)	64	63	66	68	67	67
METRO	3285	3288	3394	3514	3565	3752
NWNT	912	911	1067	1109	1121	1193
NENT	888	887	921	926	922	1019
SENT	295	295	321	382	398	421
SWNT	88	88	118	121	198	292
Total	5469	5469	5821	6052	6205	6677

**F3. Projected Waste Arisings Associated with Strategic Residential Developments  
(No. of Vehicles Required Daily)**

Strategic Optional Growth Areas	Possible Population (in '000)	
	Scenario A	Scenario B
<b>METRO</b>		
Green Island	181 (90)	206 (103)
Kai Tak - Kln Bay Phase 2 & 3	-	280 (140)
Hong Kong South	66 (33)	99 (50)
<b>NWNT</b>		
Rural NWNT	-	17 (9)
San Tin/Lok Ma Chau	-	17 (9)
Tuen Mun East	-	17 (9)
Kam Tin	17 (9)	33 (17)
Yuen Long South	33 (17)	33 (17)
Yuen Long - Tuen Mun Corridor	-	82 (41)
<b>NENT</b>		
Whitehead	8 (4)	8 (4)
Fanling North	-	33 (17)
Border Zone	-	165 (82)
<b>SWNT</b>		
Tung Chung Phase 2, 3 & 4	190 (95)	190 (95)
Tai Ho	-	198 (99)
<b>SWNT</b>		
Tscung Kwan O Ext.	33 (16)	82 (41)
<b>Total</b>	<b>1650 (825)</b>	<b>2607 (1303)</b>

F4. Projected Waste Arisings from Industrial and Commercial Developments (tonne/day)

Location	Industrial Waste Arising	No. Vehicles Required for Disposal	Preferred Option
Kai Tak - Kowloon Bay	182	91	Phase 1 common on component Phase 2 + 3 Scenario B
Green Island	46	23	A and B
Tseung Kwan O III	11	6	A and B
Tung Chung 2, 3, 4	4	2	A and B
Tai Ho	10	5	B
Hong Kong South	2	1	A and B
Lok Ma Chau/San Tin	4	2	B
Kam Tin	3	2	B
Yuen Long South	5	3	A
Fanling North	4	2	B
Rural NWNT	<1	1	A and B
Tuen Mun East	<1	1	A and B
Whitehead	Limited		

**F5. Proximity to Appropriate Disposal Facilities**

Location	Assumed Disposal Facility
METRO Kowloon Bay Reclamation Green Island Reclamation Hong Kong South	Kowloon Bay RTS Island W. RTS < 1km Island W. RTS 2km
NWNT NWNT North San Tin/Lok Ma Chau Tuen Mun East Kam Tin Yuen Long South	WENT Landfill 20 km WENT Landfill 20 km WENT Landfill 17 km WENT Landfill 15 km WENT Landfill 14 km
NENT Whitehead	Sha Tin RTS 9km
SWNT Tung Chung Tai Ho	Siu Ho Wan RTS 8km Siu Ho Wan RTS 2km
SENT Tseung Kwan O	SENT Landfill 3km