

APPENDIX C1

CALCULATION SHEETS FOR REFINED PREFERRED OPTIONS

C16. Projected Daily Effluent Flows By District (m³)

(a) Residential (000 m³)/day

	BG	2001A	2006A	2011A	2001B	2006B	2011B
-METRO							
CENT & WEST	93.1	86.3	95.2	127.9	86.3	96.3	132.6
WAN CHAI	68.6	58.5	72.9	75.4	58.5	73.7	78.0
EASTERN	156.8	162.8	161.1	163.4	162.8	162.9	164.7
SOUTHERN	60.9	66.4	66.8	76.8	66.4	67.5	84.1
YAU MA TEI	61.5	60.6	64.1	66.5	60.6	64.8	66.4
MONG KOK	43.4	44.9	45.3	46.0	44.9	45.8	45.9
SHAM SHUI PO	87.8	96.6	96.1	96.1	96.6	97.1	96.0
KOWLOON CITY	98.0	128.7	147.0	153.9	128.7	148.6	153.7
KWUN TONG	110.4	112.9	123.5	125.1	112.9	142.1	154.4
WONG TAI SIN	89.3	94.9	94.3	93.8	94.9	95.3	93.8
TSUEN WAN	60.2	59.9	66.1	69.7	59.9	70.6	69.6
KWAI CHUNG	57.2	59.5	60.0	59.8	59.5	60.6	59.8
TSING YI	34.1	36.3	35.0	35.0	36.3	35.4	34.9
SUBTOTAL	1021.5	1068.3	1127.2	1189.4	1068.3	1160.8	1234.0
-NWNT							
TUEN MUN	112.4	114.8	117.7	117.9	114.8	119.2	121.1
YUEN LONG	37.6	38.9	40.3	48.5	38.9	43.7	48.9
TIN SHUI WAI	77.8	79.3	77.3	77.7	79.3	78.1	77.6
RURAL AREA	59.0	32.7	65.0	77.9	32.7	77.3	102.0
SUBTOTAL	286.8	265.7	300.3	322.0	265.7	318.3	349.7
-NENT							
TAI PO	56.9	56.0	59.0	57.7	56.0	59.7	57.6
FANLING/SS	47.4	47.1	49.7	49.8	47.1	50.3	79.7
SHATIN	96.0	98.4	97.5	97.6	98.4	98.6	97.5
MA ON SHAN	46.9	40.0	45.2	48.5	40.0	45.7	48.5
RURAL AREA	12.5	10.7	13.2	12.5	10.7	13.3	12.5
SUBTOTAL	259.7	252.3	264.6	266.1	252.3	267.5	295.8
-SWNT							
NORTH LANTAU	12.1	7.7	19.1	43.0	7.7	19.3	87.3
RURAL AREA	15.0	14.6	15.2	15.7	14.6	15.9	15.7
SUBTOTAL	26.6	22.3	34.3	58.7	22.3	35.3	103.0
-SENT							
TSEUNG KWAN O	74.7	69.1	75.4	105.3	69.1	100.5	113.2
RURAL AREA	11.5	9.6	12.6	12.5	9.6	12.7	12.6
SUBTOTAL	86.2	78.6	88.0	117.8	78.6	113.3	125.8
TOTAL	1681.2	1687.2	1814.3	1953.9	1687.2	1895.2	2108.3

(b) Employed (000 m3)/day

	BG	2001A	2006A	2011A	2001B	2006B	2011B
-METRO							
CENT & WEST	24.4	22.4	26.6	29.6	22.8	28.1	32.5
WAN CHAI	15.1	14.0	15.3	16.2	13.9	16.0	17.4
EASTERN	11.8	12.1	12.4	12.3	12.1	12.7	12.8
SOUTHERN	4.7	5.6	5.8	6.0	5.7	5.8	6.3
YAU MA TEI	17.4	16.3	18.3	19.0	16.1	19.2	20.3
MONG KOK	8.3	8.1	8.5	8.4	8.0	8.8	8.9
SHAM SHUI PO	11.6	11.2	12.1	12.1	11.2	12.3	12.4
KOWLOON CITY	11.7	13.3	14.5	15.4	12.8	14.9	16.1
KWUN TONG	14.4	15.6	16.3	16.6	16.2	18.3	19.1
WONG TAI SIN	6.7	7.0	7.2	7.2	7.0	7.4	7.8
TSUEN WAN	7.3	7.3	7.5	8.1	7.1	7.8	8.4
KWAI CHUNG	8.8	11.6	10.5	10.0	11.3	10.6	10.1
TSING YI	2.4	2.6	2.6	2.5	2.6	2.6	2.7
SUBTOTAL	144.7	147.1	157.5	163.3	146.8	164.6	174.8
-NWNT							
TUEN MUN	7.6	8.0	8.2	8.1	8.0	8.5	8.5
YUEN LONG	3.2	3.8	4.0	3.9	3.8	3.9	4.0
TIN SHUI WAI	3.2	3.7	3.7	3.7	3.6	3.6	3.6
RURAL AREA	3.2	2.9	4.3	4.6	3.5	5.3	7.0
SUBTOTAL	17.2	18.5	20.2	20.3	18.8	21.4	23.0
-NENT							
TAI PO	4.1	4.1	4.3	4.5	4.1	4.3	4.6
FANLING/SS	3.4	3.5	3.6	4.4	3.5	4.5	6.7
SHATIN	8.1	8.3	8.4	8.7	8.3	8.6	8.9
MA ON SHAN	1.9	1.7	1.9	2.0	1.7	2.0	2.1
RURAL AREA	1.0	1.3	1.2	1.1	1.9	2.0	2.0
SUBTOTAL	18.4	19.0	19.4	20.7	19.6	21.4	24.4
-SWNT							
NORTH LANTAU	3.5	4.1	4.6	6.5	3.7	4.7	8.4
RURAL AREA	1.3	1.4	1.4	1.4	1.3	1.4	1.4
SUBTOTAL	4.7	5.5	6.1	7.9	5.0	6.1	9.8
-SENT							
TSEUNG KWAN O	4.1	4.0	4.6	5.4	3.8	5.2	5.6
RURAL AREA	1.1	1.4	1.3	1.2	1.2	1.3	1.2
SUBTOTAL	5.2	5.3	5.9	6.6	5.0	6.5	6.8
TOTAL	190.2	195.4	209.0	218.8	195.3	220.0	238.9

(c) Industrial (000 m³)/day

BG	2001A	2006A	2011A	2001B	2006B	2011B	
-METRO							
CENT & WEST	153.0	144.5	169.3	185.8	147.4	176.3	201.2
WAN CHAI	93.8	88.4	96.7	100.8	87.9	100.1	107.0
EASTERN	82.2	85.5	86.9	85.8	85.5	88.4	87.8
SOUTHERN	34.3	41.1	42.4	43.7	41.8	42.1	45.9
YAU MA TEI	112.9	107.5	119.8	85.5	106.5	124.1	129.0
MONG KOK	49.3	49.2	51.1	50.0	48.8	52.6	52.3
SHAM SHUI PO	80.5	79.9	85.5	84.2	79.6	86.1	85.5
KOWLOON CITY	76.7	90.5	98.6	102.3	87.8	100.0	106.7
KWUN TONG	99.1	110.1	113.9	114.8	114.4	128.1	131.5
WONG TAI SIN	49.5	52.8	53.7	53.0	52.6	54.8	55.8
TSUEN WAN	46.7	48.5	49.3	52.2	47.2	51.1	53.2
KWAI CHUNG	63.7	83.5	75.9	71.9	81.4	76.0	72.2
TSING YI	20.7	22.6	22.2	21.6	22.6	22.7	23.1
SUBTOTAL	962.4	1004.2	1065.4	1088.5	1003.5	1102.4	1151.2
-NWNT							
TUEN MUN	61.4	64.3	66.1	65.2	64.4	68.0	67.1
YUEN LONG	22.4	27.0	27.7	27.9	26.8	27.7	28.0
TIN SHUI WAI	26.4	29.9	29.8	29.1	28.9	28.8	28.3
RURAL AREA	27.0	23.4	34.6	37.6	26.8	42.2	55.9
SUBTOTAL	137.2	144.6	158.3	159.9	147.0	166.7	179.2
-NENT							
TAI PO	30.2	31.0	31.8	32.5	30.9	32.0	33.3
FANLING/SS	25.5	26.2	27.2	32.5	26.9	32.8	47.6
SHATIN	59.5	61.9	62.0	63.6	61.6	63.8	64.3
MA ON SHAN	15.7	14.0	15.6	16.3	13.9	16.3	16.6
RURAL AREA	7.5	9.3	9.3	8.3	13.8	14.2	14.1
SUBTOTAL	138.4	142.2	145.9	153.2	147.0	159.1	176.0
-SWNT							
NORTH LANTAU	42.3	45.0	48.5	67.5	40.7	49.1	83.7
RURAL AREA	10.6	11.5	11.5	11.1	10.6	11.3	11.4
SUBTOTAL	52.9	56.5	60.0	99.2	51.4	60.5	95.2
-SENT							
TSEUNG KWAN O	32.1	31.1	35.7	42.1	30.7	40.9	44.0
RURAL AREA	7.8	9.7	9.3	8.6	8.8	9.3	8.7
SUBTOTAL	39.9	40.8	45.0	50.7	39.5	50.2	52.7
TOTAL	1330.8	1388.3	1474.5	1530.9	1388.3	1538.9	1654.3

(d) Total (industrial+employed+residential) (000 m3)/day

	BG	2001A	2006A	2011A	2001B	2006B	2011B
-METRO							
CENT & WEST	270.5	253.2	291.1	343.3	256.5	300.7	366.3
WAN CHAI	177.5	160.9	184.9	192.4	160.3	189.8	202.4
EASTERN	250.8	260.4	260.4	261.5	260.4	264.0	265.3
SOUTHERN	99.9	113.1	115.0	126.5	113.9	115.4	136.3
YAU MA TEI	191.8	184.4	202.2	171.0	183.2	208.1	215.7
MONG KOK	101.0	102.2	104.9	104.4	101.7	107.2	107.1
SHAM SHUI PO	179.9	187.7	193.7	192.4	187.4	195.5	193.9
KOWLOON CITY	186.4	232.5	260.1	271.6	229.3	263.5	276.5
KWUN TONG	223.9	238.6	253.7	256.5	243.5	288.5	305.0
WONG TAI SIN	145.5	154.7	155.2	154.0	154.5	157.5	157.4
TSUEN WAN	114.2	115.7	122.9	130.0	114.2	129.5	131.2
KWAI CHUNG	129.7	154.6	146.4	141.7	152.2	147.2	142.1
TSING YI	57.2	61.5	59.8	59.1	61.5	60.7	60.7
SUBTOTAL	2128.6	2219.6	2350.1	2441.2	2218.6	2427.8	2560.0
-NWNT							
TUEN MUN	181.4	187.1	192.0	191.2	187.2	195.7	196.7
YUEN LONG	63.2	69.7	72.0	80.3	69.5	75.3	80.9
TIN SHUI WAI	107.4	112.9	110.8	110.5	111.8	110.5	109.5
RURAL AREA	89.2	59.0	103.9	120.1	63.0	124.8	164.9
SUBTOTAL	441.2	428.8	478.8	502.2	431.5	506.4	551.9
-NENT							
TAI PO	91.2	91.1	95.1	94.7	91.0	96.0	95.5
FANLING/SS	76.3	76.8	80.5	86.7	77.5	87.6	134.0
SHATIN	163.6	168.6	167.9	169.9	168.3	171.0	170.7
MA ON SHAN	64.5	55.7	62.7	66.8	55.6	64.0	67.2
RURAL AREA	21.0	21.3	23.7	21.9	26.4	29.5	28.6
SUBTOTAL	416.5	413.5	429.9	440.0	418.9	448.0	496.2
-SWNT							
NORTH LANTAU	57.9	56.8	72.2	117.0	52.1	73.1	179.4
RURAL AREA	26.9	27.5	28.1	28.2	26.5	28.6	28.5
SUBTOTAL	84.2	84.3	100.4	165.8	78.7	101.9	208.0
-SENT							
TSEUNG KWAN O	110.9	104.2	115.7	152.8	103.6	146.6	162.8
RURAL AREA	20.4	20.7	23.2	22.3	19.6	23.3	22.5
SUBTOTAL	131.3	124.7	138.9	175.1	123.1	170.0	185.3
TOTAL	3202.2	3270.9	3497.8	3703.6	3270.8	3654.1	4001.5

C17. Projected Daily BOD Loads By District (tonne/day)

(a) Residential

RESIDENTIAL LOADS : BOD (tonnes/day)

	BG	2001A	2006A	2011A	2001B	2006B	2011B
-METRO							
CENT& WEST	12.0	11.2	12.3	17.2	11.2	12.4	17.9
WAN CHAI	8.9	7.6	9.4	9.7	7.6	9.5	10.0
EASTERN	23.1	24.1	23.8	24.1	24.1	24.0	24.4
SOUTHERN	9.6	10.9	10.9	12.5	10.9	11.0	13.4
YAU MA TEI	8.4	8.4	8.9	9.2	8.4	8.9	9.2
MONG KOK	5.5	5.6	5.7	5.8	5.7	5.8	5.8
SHAM SHUI PO	13.4	14.9	15.0	15.0	14.9	15.1	15.0
KOWLOON CITY	13.5	18.5	21.5	22.3	18.5	21.8	22.3
KWUN TONG	19.1	20.4	21.5	21.5	20.4	24.6	26.5
WONG TAI SIN	17.5	18.7	18.6	18.6	18.7	18.8	18.5
TSUEN WAN	8.4	8.7	9.4	10.0	8.7	10.2	10.0
KWAI CHUNG	10.5	11.3	11.2	11.1	11.3	11.3	11.1
TSING YI	6.6	7.1	6.8	6.8	7.1	6.9	6.8
SUBTOTAL	156.4	167.2	175.0	183.9	167.3	180.4	191.0
NWNT							
TUEN MUN	19.3	19.9	20.2	20.2	19.9	20.5	20.6
YUEN LONG	6.3	6.4	6.6	7.8	6.4	7.1	7.9
TIN SHUI WAI	13.4	13.6	13.3	13.4	13.6	13.5	13.4
RURAL AREA	10.9	6.5	11.9	13.3	6.5	13.5	16.6
SUBTOTAL	49.9	46.5	52.1	54.7	46.5	54.5	58.5
NENT							
TAI PO	10.0	10.0	10.2	10.0	10.0	10.3	10.0
FANLING/SS	8.9	8.7	9.2	9.2	8.7	9.3	14.2
SHATIN	16.5	17.1	16.8	16.8	17.1	17.0	16.8
MA ON SHAN	8.2	7.4	8.0	8.4	7.4	8.1	8.4
RURAL AREA	2.5	2.2	2.7	2.5	2.2	2.7	2.5
SUBTOTAL	46.0	45.3	47.0	46.9	45.3	47.5	52.0
SWNT							
NORTH LANTAU	1.8	1.2	2.6	6.6	1.2	2.7	13.6
RURAL AREA	3.3	3.2	3.4	3.4	3.2	3.5	3.4
SUBTOTAL	5.1	4.5	6.0	10.0	4.5	6.2	17.0
SENT							
TSEUNG KWAN O	13.7	13.0	13.8	17.7	13.0	17.0	18.9
RURAL AREA	2.5	2.1	2.6	2.6	2.1	2.6	2.6
SUBTOTAL	16.2	15.0	16.4	20.3	15.0	19.6	21.5
TOTAL	273.5	278.5	296.4	315.8	278.5	308.2	339.9

(b) Employed Loads : BOD (tonnes/day)

BG	2001A	2006A	2011A	2001B	2006B	2011B
-METRO						
CENT & WEST	13.8	12.7	15.1	16.8	12.9	18.4
WAN CHAI	8.5	7.9	8.7	9.2	7.9	9.9
EASTERN	6.7	6.9	7.0	7.0	6.9	7.3
SOUTHERN	2.7	3.2	3.3	3.4	3.2	3.6
YAU MA TEI	9.9	9.2	10.4	10.8	9.1	11.5
MONG KOK	4.7	4.6	4.8	4.8	4.6	5.1
SHAM SHUI PO	6.6	6.4	6.9	6.8	6.3	7.0
KOWLOON CITY	6.6	7.5	8.2	8.7	7.3	8.4
KWUN TONG	8.2	8.8	9.2	9.4	9.2	10.4
WONG TAI SIN	3.8	4.0	4.1	4.1	3.9	4.4
TSUEN WAN	4.1	4.1	4.3	4.6	4.0	4.8
KWAI CHUNG	5.0	6.6	6.0	5.6	6.4	5.7
TSING YI	1.4	1.5	1.5	1.4	1.5	1.5
SUBTOTAL	82.0	83.4	89.3	92.5	83.2	99.1
-NWNT						
TUEN MUN	4.3	4.5	4.7	4.6	4.5	4.8
YUEN LONG	1.8	2.2	2.2	2.2	2.1	2.3
TIN SHUI WAI	1.8	2.1	2.1	2.1	2.0	2.0
RURAL AREA	1.8	1.7	2.4	2.6	2.0	3.9
SUBTOTAL	9.8	10.5	11.4	11.5	10.7	13.1
-NENT						
TAI PO	2.3	2.3	2.4	2.6	2.3	2.6
FANLING/SS	1.9	2.0	2.0	2.5	2.0	3.8
SHATIN	4.6	4.7	4.8	4.9	4.7	5.1
MA ON SHAN	1.1	1.0	1.1	1.1	1.0	1.2
RURAL AREA	0.5	0.7	0.7	0.6	1.1	1.1
SUBTOTAL	10.4	10.7	11.0	11.7	11.1	14.1
-SWNT						
NORTH LANTAU	2.0	2.3	2.6	3.7	2.1	4.8
RURAL AREA	0.7	0.8	0.8	0.8	0.8	0.8
SUBTOTAL	2.7	3.1	3.4	4.5	2.9	5.6
-SENT						
TSEUNG KWAN O	2.3	2.2	2.6	3.1	2.2	3.2
RURAL AREA	0.6	0.8	0.7	0.7	0.7	0.7
SUBTOTAL	2.9	3.0	3.3	3.7	2.9	3.9
TOTAL	107.8	110.7	118.4	124.0	110.7	135.4

(c) Industrial Loads : BOD (tonne/day)

BG	2001A	2006A	2011A	2001B	2006B	2011B	
-METRO							
CENT & WEST	20.2	18.0	21.3	24.1	18.0	23.0	26.7
WAN CHAI	10.4	9.3	10.5	11.3	9.4	11.1	12.3
EASTERN	8.6	9.3	9.2	8.9	9.3	9.5	9.3
SOUTHERN	2.9	3.3	3.2	3.4	3.3	3.3	3.5
YAU MA TEI	13.4	11.8	13.8	7.3	11.8	14.7	15.7
MONG KOK	6.4	6.3	6.6	6.4	6.3	6.9	6.9
SHAM SHUI PO	10.1	9.8	10.6	10.3	9.7	10.7	10.5
KOWLOON CITY	8.2	9.0	9.8	10.6	9.0	10.4	11.3
KWUN TONG	12.8	14.6	14.4	13.8	14.6	15.6	15.7
WONG TAI SIN	4.4	5.1	5.0	4.8	5.1	5.2	5.3
TSUEN WAN	5.5	5.6	5.8	6.2	5.5	5.9	6.5
KWAI CHUNG	8.1	11.6	10.1	9.2	11.3	10.1	9.3
TSING YI	2.0	2.3	2.2	2.1	2.3	2.2	2.1
SUBTOTAL	113.1	115.9	122.4	125.5	115.6	128.5	135.0
-NWNT							
TUEN MUN	5.4	5.9	6.0	5.5	5.9	6.0	5.6
YUEN LONG	2.1	2.3	2.3	2.4	2.3	2.4	2.5
TIN SHUI WAI	1.3	1.5	1.5	1.6	1.5	1.6	1.7
RURAL AREA	1.8	1.6	2.1	2.2	1.6	2.5	3.6
SUBTOTAL	10.7	11.2	12.0	11.7	11.2	12.4	13.3
-NENT							
TAI PO	2.6	2.8	2.8	2.9	2.8	2.8	3.1
FANLING/SS	2.1	2.2	2.3	2.6	2.2	2.6	4.1
SHATIN	5.4	5.9	5.8	6.1	5.9	6.1	6.2
MA ON SHAN	0.9	0.9	1.0	1.0	0.9	1.0	1.0
RURAL AREA	0.6	0.6	0.7	0.6	1.4	1.4	1.4
SUBTOTAL	11.6	12.4	12.5	13.2	13.2	13.9	15.7
-SWNT							
NORTH LANTAU	5.0	5.0	5.6	7.7	4.5	5.8	8.8
RURAL AREA	0.7	0.6	0.7	0.7	0.6	0.7	0.7
SUBTOTAL	5.7	5.6	6.3	12.4	5.1	6.5	9.5
-SENT							
TSEUNG KWAN O	2.4	2.2	2.8	3.0	2.2	3.1	3.1
RURAL AREA	0.4	0.6	0.5	0.4	0.6	0.5	0.4
SUBTOTAL	2.8	2.8	3.3	3.5	2.8	3.6	3.6
TOTAL	144.0	147.9	156.5	162.3	147.9	164.9	177.1

(d) Total Loads : BOD (tonne/day)

	BG	2001A	2006A	2011A	2001B	2006B	2011B
-METRO							
CENT & WEST	46.0	41.9	48.7	58.1	42.1	51.3	63.0
WAN CHAI	27.8	24.8	28.6	30.2	24.9	29.7	32.2
EASTERN	38.4	40.3	40.0	40.0	40.3	40.7	41.0
SOUTHERN	15.2	17.4	17.4	19.3	17.4	17.6	20.5
YAU MA TEI	31.7	29.4	33.1	27.3	29.3	34.5	36.4
MONG KOK	16.6	16.5	17.1	17.0	16.6	17.7	17.8
SHAM SHUI PO	30.1	31.1	32.5	32.1	30.9	32.8	32.5
KOWLOON CITY	28.3	35.0	39.5	41.6	34.8	40.6	42.7
KWUN TONG	40.1	43.8	45.1	44.7	44.2	50.6	53.0
WONG TAI SIN	25.7	27.8	27.7	27.5	27.7	28.2	28.2
TSUEN WAN	18.0	18.4	19.5	20.8	18.2	20.5	21.3
KWAI CHUNG	23.6	29.5	27.3	25.9	29.0	27.4	26.1
TSING YI	10.0	10.9	10.5	10.3	10.9	10.6	10.4
SUBTOTAL	351.5	366.5	386.7	401.9	366.1	402.2	425.1
TUEN MUN	29.0	30.3	30.9	30.3	30.3	31.3	31.0
YUEN LONG	10.2	10.9	11.1	12.4	10.8	11.7	12.7
TIN SHUI WAI	16.5	17.2	16.9	17.1	17.1	17.1	17.1
RURAL AREA	14.5	9.8	16.4	18.1	10.1	19.0	24.1
SUBTOTAL	70.4	68.2	75.5	77.9	68.4	79.0	84.9
-NENT							
TAI PO	14.9	15.1	15.4	15.5	15.1	15.5	15.7
FANLING/SS	12.9	12.9	13.5	14.3	12.9	14.5	22.1
SHATIN	26.5	27.7	27.4	27.8	27.7	28.0	28.1
MA ON SHAN	10.2	9.3	10.1	10.5	9.3	10.3	10.6
RURAL AREA	3.6	3.5	4.1	3.7	4.7	5.2	5.0
SUBTOTAL	68.0	68.4	70.5	71.8	69.6	73.5	81.8
-SWNT							
NORTH LANTAU	8.8	8.5	10.8	18.0	7.8	11.2	27.2
RURAL AREA	4.7	4.6	4.9	4.9	4.6	5.0	4.9
SUBTOTAL	13.5	13.2	15.7	26.9	12.5	16.2	32.1
-SENT							
TSEUNG KWAN O	18.4	17.4	19.2	23.8	17.4	23.1	25.2
RURAL AREA	3.5	3.5	3.8	3.7	3.4	3.8	3.7
SUBTOTAL	21.9	20.8	23.0	27.5	20.7	26.9	29.0
TOTAL	525.3	537.1	571.3	602.1	537.1	597.8	652.4

C18. Projected Daily COD Loads by District

(a) Residential Loads : COD (tonnes/day)

	BG	2001A	2006A	2011A	2001B	2006B	2011B
-METRO							
CENT & WEST	25.7	23.9	26.3	36.9	23.9	26.6	38.4
WAN CHAI	19.0	16.3	20.1	20.8	16.3	20.3	21.5
EASTERN	49.4	51.7	50.9	51.6	51.7	51.5	52.2
SOUTHERN	20.5	23.3	23.4	26.8	23.3	23.7	28.8
YAU MA TEI	18.1	18.1	19.0	19.7	18.1	19.2	19.7
MONG KOK	11.8	12.0	12.2	12.5	12.2	12.4	12.4
SHAM SHUI PO	28.6	31.9	32.0	32.0	31.9	32.4	32.0
KOWLOON CITY	28.9	39.6	46.1	47.9	39.6	46.6	47.9
KWUN TONG	41.0	43.7	46.1	46.0	43.7	52.7	56.7
WONG TAI SIN	37.5	40.1	40.0	39.8	40.1	40.3	39.7
TSUEN WAN	18.0	18.5	20.3	21.5	18.5	21.9	21.4
KWAI CHUNG	22.6	24.1	23.9	23.9	24.1	24.2	23.9
TSING YI	14.1	15.2	14.7	14.7	15.2	14.9	14.6
SUBTOTAL	335.2	358.4	374.9	394.0	358.6	386.6	409.2
-NWNT							
TUEN MUN	41.4	42.7	43.4	43.3	42.7	43.9	44.2
YUEN LONG	13.4	13.8	14.2	16.7	13.8	15.1	16.8
TIN SHUI WAI	28.7	29.3	28.5	28.7	29.3	28.9	28.6
RURAL AREA	23.3	13.9	25.5	28.5	13.9	28.9	35.6
SUBTOTAL	106.8	99.5	111.6	117.3	99.5	116.8	125.3
-NENT							
TAI PO	21.3	21.3	22.0	21.5	21.3	22.1	21.5
FANLING/SS	19.1	18.6	19.7	19.7	18.6	20.0	30.5
SHATIN	35.3	36.5	36.1	36.0	36.5	36.5	36.0
MA ON SHAN	17.6	15.8	17.1	18.0	15.8	17.3	18.0
RURAL AREA	5.3	4.7	5.8	5.3	4.7	5.9	5.3
SUBTOTAL	98.6	97.0	100.6	100.5	97.0	101.7	111.3
-SWNT							
NORTH LANTAU	3.8	2.6	5.7	14.2	2.6	5.8	29.1
RURAL AREA	7.1	6.9	7.2	7.3	6.9	7.5	7.3
SUBTOTAL	10.9	9.5	12.9	21.5	9.5	13.2	36.4
-SENT							
TSEUNG KWAN O	29.3	27.8	29.5	37.9	27.8	36.4	40.5
RURAL AREA	5.3	4.4	5.6	5.6	4.4	5.7	5.6
SUBTOTAL	34.7	32.2	35.1	43.5	32.2	42.0	46.1
TOTAL	586.1	596.7	635.1	676.8	596.9	660.3	728.3

(b) Employed Loads : COD (tonnes/day)

BG	2001A	2006A	2011A	2001B	2006B	2011B
-METRO						
CENT & WEST	28.5	26.1	31.0	34.5	26.6	32.8
WAN CHAI	17.6	16.3	17.9	18.9	16.2	18.7
EASTERN	13.8	14.1	14.4	14.4	14.1	14.8
SOUTHERN	5.5	6.6	6.8	7.0	6.7	6.8
YAU MA TEI	20.3	19.0	21.4	22.2	18.8	22.4
MONG KOK	9.7	9.4	9.9	9.8	9.4	10.3
SHAM SHUI PO	13.5	13.1	14.1	14.1	13.0	14.4
KOWLOON CITY	13.6	15.5	16.9	17.9	15.0	17.4
KWUN TONG	16.8	18.2	19.0	19.4	18.9	21.4
WONG TAI SIN	7.8	8.2	8.4	8.4	8.1	8.7
TSUEN WAN	8.5	8.5	8.8	9.4	8.3	9.1
KWAI CHUNG	10.3	13.5	12.3	11.6	13.2	12.3
TSING YI	2.8	3.0	3.0	2.9	3.0	3.1
SUBTOTAL	168.8	171.6	183.8	190.5	171.3	192.1
-NWNT						
TUEN MUN	8.9	9.3	9.6	9.4	9.3	9.9
YUEN LONG	3.7	4.5	4.6	4.6	4.4	4.6
TIN SHUI WAI	3.7	4.3	4.3	4.3	4.2	4.2
RURAL AREA	3.8	3.4	5.0	5.4	4.1	6.2
SUBTOTAL	20.1	21.6	23.5	23.7	22.0	24.9
-NENT						
TAI PO	4.8	4.8	5.0	5.3	4.8	5.0
FANLING/SS	3.9	4.1	4.2	5.2	4.1	5.3
SHATIN	9.4	9.7	9.8	10.1	9.7	10.1
MA ON SHAN	2.2	2.0	2.2	2.3	2.0	2.4
RURAL AREA	1.1	1.5	1.4	1.3	2.2	2.3
SUBTOTAL	21.5	22.1	22.6	24.1	22.8	25.0
-SWNT						
NORTH LANTAU	4.1	4.8	5.4	7.6	4.3	5.5
RURAL AREA	1.5	1.7	1.7	1.6	1.6	1.6
SUBTOTAL	5.5	6.4	7.1	9.2	5.9	7.1
-SENT						
TSEUNG KWAN O	4.8	4.6	5.4	6.3	4.5	6.1
RURAL AREA	1.3	1.6	1.5	1.4	1.4	1.5
SUBTOTAL	6.0	6.2	6.9	7.7	5.9	7.6
TOTAL	221.9	228.0	243.8	255.2	227.9	256.7

(c) Industrial Loads : COD (tonnes/day)

BG	2001A	2006A	2011A	2001B	2006B	2011B
-METRO						
CENT & WEST	52.9	48.1	56.5	63.0	48.4	69.0
WAN CHAI	26.8	24.2	27.3	28.9	24.3	31.0
EASTERN	24.6	26.4	26.4	25.4	26.5	26.1
SOUTHERN	8.7	9.7	9.8	10.2	9.8	10.7
YAU MA TEI	36.2	32.3	37.4	24.8	32.4	41.5
MONG KOK	15.3	15.1	15.8	15.4	15.1	16.2
SHAM SHUI PO	27.3	26.9	28.8	28.1	26.8	28.4
KOWLOON CITY	21.6	24.5	27.0	28.7	24.5	30.6
KWUN TONG	34.1	38.8	38.8	37.3	38.7	42.6
WONG TAI SIN	13.1	14.7	14.7	14.1	14.7	15.1
TSUEN WAN	13.8	13.9	14.7	15.7	13.9	16.2
KWAI CHUNG	22.0	30.0	26.9	25.2	29.2	25.3
TSING YI	6.9	7.8	7.5	7.2	7.8	7.1
SUBTOTAL	303.2	312.3	331.6	338.0	312.2	360.1
-NWNT						
TUEN MUN	17.9	18.9	19.4	18.3	19.0	18.3
YUEN LONG	6.0	6.3	6.6	6.8	6.3	7.1
TIN SHUI WAI	5.5	5.8	6.0	6.1	5.9	6.1
RURAL AREA	6.8	5.6	7.9	8.4	5.5	13.1
SUBTOTAL	36.1	36.6	39.9	39.5	36.7	44.5
-NENT						
TAI PO	7.6	8.1	8.2	8.4	8.1	8.7
FANLING/SS	6.7	6.8	7.2	8.1	6.8	12.1
SHATIN	16.4	17.6	17.5	18.1	17.6	18.3
MA ON SHAN	3.6	3.4	3.7	3.7	3.4	3.6
RURAL AREA	1.9	2.0	2.1	1.9	3.6	3.5
SUBTOTAL	36.1	37.7	38.7	40.3	39.5	46.3
-SWNT						
NORTH LANTAU	20.6	19.6	21.3	29.4	17.7	33.7
RURAL AREA	2.5	2.4	2.6	2.5	2.4	2.5
SUBTOTAL	23.1	22.0	23.9	39.8	20.1	36.2
-SENT						
TSEUNG KWAN O	8.2	7.6	9.1	10.2	7.7	10.7
RURAL AREA	1.4	1.7	1.7	1.5	1.6	1.4
SUBTOTAL	9.6	9.2	10.8	11.7	9.3	12.1
TOTAL	408.2	417.9	444.9	461.4	417.9	499.2

(d)	Total Loads : COD (tonnes/day)						
BG	2001A	2006A	2011A	2001B	2006B	2011B	
-METRO							
CENT & WEST	107.1	98.1	113.8	134.4	98.9	119.4	145.3
WAN CHAI	63.4	56.8	65.3	68.6	56.8	67.5	72.8
EASTERN	87.8	92.2	91.7	91.4	92.3	93.2	93.3
SOUTHERN	34.7	39.6	40.0	44.0	39.8	40.4	46.8
YAU MA TEI	74.6	69.4	77.8	66.7	69.3	80.9	84.9
MONG KOK	36.8	36.5	37.9	37.7	36.7	39.1	39.0
SHAM SHUI PO	69.4	71.9	74.9	74.2	71.7	75.9	74.8
KOWLOON CITY	64.1	79.6	90.0	94.5	79.1	92.2	97.3
KWUN TONG	91.9	100.7	103.9	102.7	101.3	116.6	121.6
WONG TAI SIN	58.4	63.0	63.1	62.3	62.9	64.1	63.9
TSUEN WAN	40.3	40.9	43.8	46.6	40.7	46.2	47.4
KWAI CHUNG	54.9	67.6	63.1	60.7	66.5	63.3	61.0
TSING YI	23.8	26.0	25.2	24.8	26.0	25.5	24.9
SUBTOTAL	807.2	842.3	890.3	922.5	842.1	924.0	973.3
-NWNT							
TUEN MUN	68.2	70.9	72.4	71.0	71.0	73.2	72.4
YUEN LONG	23.1	24.6	25.4	28.1	24.5	26.4	28.6
TIN SHUI WAI	37.9	39.4	38.8	39.1	39.4	39.1	38.9
RURAL AREA	33.9	22.9	38.4	42.3	23.5	44.0	56.8
SUBTOTAL	163.0	157.7	175.0	180.5	158.2	182.8	196.7
-NENT							
TAI PO	33.7	34.2	35.2	35.2	34.2	35.3	35.6
FANLING/SS	29.7	29.5	31.1	33.0	29.5	33.2	50.4
SHATIN	61.1	63.8	63.4	64.2	63.8	65.0	64.7
MA ON SHAN	23.4	21.2	23.0	24.0	21.2	23.4	24.1
RURAL AREA	8.3	8.2	9.3	8.5	10.5	12.0	11.1
SUBTOTAL	156.2	156.8	161.9	164.9	159.3	168.8	186.7
-SWNT							
NORTH LANTAU	28.5	27.0	32.4	51.2	24.6	32.9	72.6
RURAL AREA	11.1	11.0	11.5	11.4	10.9	11.7	11.5
SUBTOTAL	39.5	37.9	43.9	70.5	35.5	44.5	84.1
-SENT							
TSEUNG KWAN O	42.3	40.0	44.0	54.4	40.0	52.9	57.8
RURAL AREA	8.0	7.7	8.8	8.5	7.4	8.9	8.4
SUBTOTAL	50.3	47.6	52.8	62.9	47.4	61.7	66.2
TOTAL	1216.2	1242.6	1323.8	1393.4	1242.7	1381.9	1506.2

C7. cont/. Projected Daily SS Loads By District (tonne/day)

(b) Employed Loads : SS (tonnes/day)

Location	2001		2006		2011	
	A	B	A	B	A	B
Summary by District						
Central & Western	4.7	4.7	4.6	4.7	6.7	7.0
Wan Chai	3.1	3.1	3.3	3.4	3.3	3.5
Eastern	10.0	10.0	9.7	9.8	9.3	9.5
Southern	4.5	4.5	4.5	4.5	5.0	5.4
Yau Ma Tei	3.5	3.5	3.7	3.8	3.7	3.8
Mong Kok	2.2	2.2	2.2	2.2	2.2	2.2
Sham Shui Po	6.0	6.0	5.9	6.0	5.6	5.7
Kowloon City	7.6	7.6	8.6	8.7	8.8	8.8
Kwun Tong	8.5	8.5	8.8	10.7	8.4	11.8
Wong Tai Sin	7.6	7.6	7.4	7.5	7.2	7.2
Tsuen Wan	3.6	3.5	3.8	4.2	4.0	4.0
Kwai Chung	4.7	4.7	4.4	4.5	4.2	4.3
Tsing Yi	2.9	2.9	2.8	2.9	2.8	3.0
Tuen Mun	8.6	8.6	9.0	9.1	8.5	8.8
Yuen Long	2.4	2.4	2.6	2.8	3.2	3.2
Tin Shui Wai	5.6	5.6	5.6	5.7	5.8	5.8
Tai Po	3.9	3.9	4.3	4.4	4.2	4.2
Fanling/SS	3.3	3.3	3.8	3.8	3.9	6.1
Shatin	7.4	7.4	7.2	7.3	6.7	6.7
Ma On Shan	2.9	2.9	3.3	3.4	3.5	3.5
Tseung Kwan O	5.0	5.0	5.4	6.8	7.2	7.7
North Lantau	0.5	0.5	1.2	1.2	2.9	5.1
Rural NWNT	2.3	2.3	5.7	6.4	6.3	7.7
Rural NENT	0.7	0.7	1.1	1.1	1.0	1.0
Rural SENT	0.8	0.8	1.1	1.1	1.1	1.1
Rural SWNT (N-Lantau)	1.3	1.3	1.6	1.6	1.6	1.6
METRO	68.7	68.8	69.7	73.2	71.3	76.2
NWNT	18.9	18.9	22.8	23.9	23.8	25.6
NENT	18.3	18.2	19.7	19.9	19.3	21.5
SENT	5.8	5.8	6.5	7.9	8.2	8.8
SWNT	1.8	1.8	2.7	2.8	4.5	6.6
Total	113.6	113.6	121.4	127.8	127.2	138.7

(b) Employed Loads : SS (tonnes/day)

BG	2001A	2006A	2011A	2001B	2006B	2011B
-METRO						
CENT & WEST	13.8	12.7	15.1	16.8	12.9	18.4
WAN CHAI	8.5	7.9	8.7	9.2	7.9	9.9
EASTERN	6.7	6.9	7.0	7.0	6.9	7.3
SOUTHERN	2.7	3.2	3.3	3.4	3.2	3.6
YAU MA TEI	9.9	9.2	10.4	10.8	9.1	11.5
MONG KOK	4.7	4.6	4.8	4.8	4.6	5.1
SHAM SHUI PO	6.6	6.4	6.9	6.8	6.3	7.0
KOWLOON CITY	6.6	7.5	8.2	8.7	7.3	8.4
KWUN TONG	8.2	8.8	9.2	9.4	9.2	10.4
WONG TAI SIN	3.8	4.0	4.1	4.1	3.9	4.4
TSUEN WAN	4.1	4.1	4.3	4.6	4.0	4.8
KWAI CHUNG	5.0	6.6	6.0	5.6	6.4	6.0
TSING YI	1.4	1.5	1.5	1.4	1.5	1.5
SUBTOTAL	82.0	83.4	89.3	92.5	83.2	99.1
-NWNT						
TUEN MUN	4.3	4.5	4.7	4.6	4.5	4.8
YUEN LONG	1.8	2.2	2.2	2.2	2.1	2.3
TIN SHUI WAI	1.8	2.1	2.1	2.1	2.0	2.0
RURAL AREA	1.8	1.7	2.4	2.6	2.0	3.9
SUBTOTAL	9.8	10.5	11.4	11.5	10.7	13.1
-NENT						
TAI PO	2.3	2.3	2.4	2.6	2.3	2.6
FANLING/SS	1.9	2.0	2.0	2.5	2.0	3.8
SHATIN	4.6	4.7	4.8	4.9	4.7	5.1
MA ON SHAN	1.1	1.0	1.1	1.1	1.0	1.2
RURAL AREA	0.5	0.7	0.7	0.6	1.1	1.1
SUBTOTAL	10.4	10.7	11.0	11.7	11.1	14.1
-SWNT						
NORTH LANTAU	2.0	2.3	2.6	3.7	2.1	4.8
RURAL AREA	0.7	0.8	0.8	0.8	0.8	0.8
SUBTOTAL	2.7	3.1	3.4	4.5	2.9	5.6
-SENT						
TSEUNG KWAN O	2.3	2.2	2.6	3.1	2.2	3.2
RURAL AREA	0.6	0.8	0.7	0.7	0.7	0.7
SUBTOTAL	2.9	3.0	3.3	3.7	2.9	3.9
TOTAL	107.8	110.7	118.4	124.0	110.7	135.4

(c) Industrial Loads : SS (tonnes/day)

BG	2001A	2006A	2011A	2001B	2006B	2011B
-METRO						
CENT & WEST	10.6	9.5	11.3	12.6	9.6	12.1
WAN CHAI	5.4	4.9	5.5	5.9	4.9	5.8
EASTERN	4.7	5.0	5.0	4.8	5.0	5.1
SOUTHERN	1.6	1.8	1.8	1.8	1.8	1.8
YAU MA TEI	7.1	6.3	7.3	4.3	6.3	7.8
MONG KOK	3.2	3.2	3.3	3.2	3.2	3.4
SHAM SHUI PO	5.2	5.1	5.5	5.4	5.1	5.6
KOWLOON CITY	4.3	4.7	5.2	5.6	4.7	5.5
KWUN TONG	6.6	7.5	7.4	7.2	7.4	8.1
WONG TAI SIN	2.4	2.7	2.7	2.6	2.7	2.8
TSUEN WAN	2.8	2.8	2.9	3.2	2.8	3.0
KWAI CHUNG	4.2	5.8	5.1	4.8	5.6	5.1
TSING YI	1.2	1.3	1.3	1.2	1.3	1.3
SUBTOTAL	59.3	60.4	64.2	65.9	60.3	67.3
-NWNT						
TUEN MUN	3.1	3.3	3.4	3.1	3.3	3.4
YUEN LONG	1.1	1.2	1.2	1.3	1.2	1.3
TIN SHUI WAI	0.9	0.9	1.0	1.0	1.0	1.0
RURAL AREA	1.1	0.9	1.3	1.4	0.9	1.5
SUBTOTAL	6.2	6.3	6.9	6.8	6.4	7.7
-NENT						
TAI PO	1.4	1.5	1.5	1.6	1.5	1.6
FANLING/SS	1.2	1.2	1.3	1.5	1.2	1.4
SHATIN	3.0	3.2	3.2	3.3	3.2	3.4
MA ON SHAN	0.6	0.6	0.6	0.6	0.6	0.6
RURAL AREA	0.3	0.3	0.4	0.3	0.7	0.7
SUBTOTAL	6.5	6.8	6.9	7.3	7.1	8.5
-SWNT						
NORTH LANTAU	3.2	3.1	3.4	4.8	2.8	3.5
RURAL AREA	0.4	0.4	0.4	0.4	0.4	0.4
SUBTOTAL	3.6	3.5	3.9	7.1	3.2	3.9
-SENT						
TSEUNG KWAN O	1.4	1.3	1.6	1.8	1.3	1.8
RURAL AREA	0.2	0.3	0.3	0.3	0.3	0.2
SUBTOTAL	1.6	1.6	1.9	2.0	1.6	2.1
TOTAL	77.2	78.6	83.8	87.2	78.6	94.9

(d) TOTAL LOADS : SS (tonnes/day)

BG	2001A	2006A	2011A	2001B	2006B	2011B
-METRO						
CENT & WEST	35.8	32.8	38.1	45.8	33.1	49.5
WAN CHAI	22.3	20.0	23.1	24.3	20.0	25.9
EASTERN	33.4	34.9	34.6	34.7	34.9	35.5
SOUTHERN	13.4	15.4	15.5	17.1	15.4	18.3
YAU MA TEI	25.0	23.5	26.1	23.9	23.4	28.6
MONG KOK	13.1	13.1	13.5	13.6	13.2	14.0
SHAM SHUI PO	24.5	25.7	26.6	26.4	25.6	26.7
KOWLOON CITY	23.7	29.8	33.9	35.6	29.6	36.4
KWUN TONG	33.0	35.7	37.1	37.0	36.0	44.2
WONG TAI SIN	22.9	24.5	24.6	24.4	24.4	24.8
TSUEN WAN	14.9	15.1	16.2	17.4	15.0	17.6
KWAI CHUNG	19.2	23.1	21.7	21.0	22.7	21.1
TSING YI	8.9	9.6	9.3	9.1	9.6	9.2
SUBTOTAL	290.3	303.1	320.1	333.5	302.9	351.7
-NWNT						
TUEN MUN	25.8	26.8	27.4	26.9	26.8	27.6
YUEN LONG	8.9	9.5	9.7	10.9	9.4	11.1
TIN SHUI WAI	15.5	16.0	15.8	15.9	16.0	15.7
RURAL AREA	13.3	8.8	15.0	16.7	9.1	21.9
SUBTOTAL	63.5	61.0	67.9	70.4	61.3	76.5
-NENT						
TAI PO	13.2	13.3	13.7	13.8	13.3	13.8
FANLING/SS	11.6	11.5	12.1	12.8	11.5	19.6
SHATIN	23.3	24.1	24.0	24.2	24.1	24.5
MA ON SHAN	9.5	8.6	9.3	9.7	8.6	9.8
RURAL AREA	3.2	3.1	3.7	3.3	3.9	4.2
SUBTOTAL	60.7	60.6	62.6	63.7	61.3	72.1
-SWNT						
NORTH LANTAU	6.9	6.6	8.5	14.8	6.1	23.2
RURAL AREA	4.3	4.3	4.4	4.4	4.3	4.4
SUBTOTAL	11.1	10.8	13.0	21.2	10.3	27.7
-SENT						
TSEUNG KWAN O	16.7	15.9	17.3	21.7	15.9	23.0
RURAL AREA	3.2	3.1	3.5	3.5	3.0	3.4
SUBTOTAL	19.9	18.9	20.8	25.0	18.8	26.5
TOTAL	445.5	454.5	484.5	512.0	454.6	554.0

C20. Projected Daily TKN Loads

(a) Residential Loads : TKN (tonnes/day)

	BG	2001A	2006A	2011A	2011B	2006B	2011B
-METRO							
CENT & WEST	2.4	2.3	2.5	3.5	2.3	2.5	3.6
WAN CHAI	1.8	1.5	1.9	2.0	1.5	1.9	2.0
EASTERN	4.7	4.9	4.8	4.9	4.9	4.9	4.9
SOUTHERN	1.9	2.2	2.2	2.5	2.2	2.2	2.7
YAU MA TEI	1.7	1.7	1.8	1.9	1.7	1.8	1.9
MONG KOK	1.1	1.1	1.2	1.2	1.1	1.2	1.2
SHAM SHUI PO	2.7	3.0	3.0	3.0	3.0	3.1	3.0
KOWLOON CITY	2.7	3.7	4.4	4.5	3.7	4.4	4.5
KWUN TONG	3.9	4.1	4.4	4.3	4.1	5.0	5.4
WONG TAI SIN	3.5	3.8	3.8	3.8	3.8	3.8	3.7
TSUEN WAN	1.7	1.8	1.9	2.0	1.8	2.1	2.0
KWAI CHUNG	2.1	2.3	2.3	2.3	2.3	2.3	2.3
TSING YI	1.3	1.4	1.4	1.4	1.4	1.4	1.4
SUBTOTAL	31.7	33.8	35.4	37.2	33.9	36.5	38.6
-NWNT							
TUEN MUN	3.9	4.0	4.1	4.1	4.0	4.1	4.2
YUEN LONG	1.3	1.3	1.3	1.6	1.3	1.4	1.6
TIN SHUI WAI	2.7	2.8	2.7	2.7	2.8	2.7	2.7
RURAL AREA	2.2	1.3	2.4	2.7	1.3	2.7	3.4
SUBTOTAL	10.1	9.4	10.5	11.1	9.4	11.0	11.8
-NENT							
TAI PO	2.0	2.0	2.1	2.0	2.0	2.1	2.0
FANLING/SS	1.8	1.8	1.9	1.9	1.8	1.9	2.9
SHATIN	3.3	3.5	3.4	3.4	3.5	3.4	3.4
MA ON SHAN	1.7	1.5	1.6	1.7	1.5	1.6	1.7
RURAL AREA	0.5	0.4	0.5	0.5	0.4	0.6	0.5
SUBTOTAL	9.3	9.2	9.5	9.5	9.2	9.6	10.5
-SWNT							
NORTH LANTAU	0.4	0.2	0.5	1.3	0.2	0.5	2.7
RURAL AREA	0.7	0.7	0.7	0.7	0.7	0.7	0.7
SUBTOTAL	1.0	0.9	1.2	2.0	0.9	1.2	3.4
-SENT							
TSEUNG KWAN O	2.8	2.6	2.8	3.6	2.6	3.4	3.8
RURAL AREA	0.5	0.4	0.5	0.5	0.4	0.5	0.5
SUBTOTAL	3.3	3.0	3.3	4.1	3.0	4.0	4.4
TOTAL	55.4	56.4	60.0	63.9	56.4	62.4	68.8

(b) Employed Loads : TKN (tonnes/day)

BG	2001A	2006A	2011A	2001B	2006B	2011B
-METRO						
CENT & WEST	2.7	2.5	3.0	3.3	2.5	3.1
WAN CHAI	1.7	1.6	1.7	1.8	1.6	1.8
EASTERN	1.3	1.4	1.4	1.4	1.4	1.4
SOUTHERN	0.5	0.6	0.6	0.7	0.6	0.6
YAU MA TEI	1.9	1.8	2.0	2.1	1.8	2.1
MONG KOK	0.9	0.9	1.0	0.9	0.9	1.0
SHAM SHUI PO	1.3	1.3	1.4	1.3	1.2	1.4
KOWLOON CITY	1.3	1.5	1.6	1.7	1.4	1.7
KWUN TONG	1.6	1.7	1.8	1.9	1.8	2.0
WONG TAI SIN	0.7	0.8	0.8	0.8	0.8	0.8
TSUEN WAN	0.8	0.8	0.8	0.9	0.8	0.9
KWAI CHUNG	1.0	1.3	1.2	1.1	1.3	1.2
TSING YI	0.3	0.3	0.3	0.3	0.3	0.3
SUBTOTAL	16.2	16.4	17.6	18.2	16.4	18.4
-NWNT						
TUEN MUN	0.9	0.9	0.9	0.9	0.9	1.0
YUEN LONG	0.4	0.4	0.4	0.4	0.4	0.4
TIN SHUI WAI	0.4	0.4	0.4	0.4	0.4	0.4
RURAL AREA	0.4	0.3	0.5	0.5	0.4	0.6
SUBTOTAL	1.9	2.1	2.3	2.3	2.1	2.4
-NENT						
TAI PO	0.5	0.5	0.5	0.5	0.5	0.5
FANLING/SS	0.4	0.4	0.4	0.5	0.4	0.5
SHATIN	0.9	0.9	0.9	1.0	0.9	1.0
MA ON SHAN	0.2	0.2	0.2	0.2	0.2	0.2
RURAL AREA	0.1	0.1	0.1	0.1	0.2	0.2
SUBTOTAL	2.1	2.1	2.2	2.3	2.2	2.8
-SWNT						
NORTH LANTAU	0.4	0.5	0.5	0.7	0.4	0.5
RURAL AREA	0.1	0.2	0.2	0.2	0.2	0.2
SUBTOTAL	0.5	0.6	0.7	0.9	0.6	0.7
-SENT						
TSEUNG KWAN O	0.5	0.4	0.5	0.6	0.4	0.6
RURAL AREA	0.1	0.2	0.1	0.1	0.1	0.1
SUBTOTAL	0.6	0.6	0.7	0.7	0.6	0.8
TOTAL	21.2	21.8	23.3	24.4	21.8	24.6

(c) Industrial Loads : TKN (tonnes/day)							
BG	2001A	2006A	2011A	2001B	2006B	2011B	
-METRO							
CENT & WEST	2.1	1.9	2.2	2.5	1.9	2.6	
WAN CHAI	1.0	0.9	1.1	1.1	0.9	1.2	
EASTERN	1.0	1.1	1.1	1.1	1.1	1.1	
SOUTHERN	0.4	0.4	0.4	0.4	0.4	0.5	
YAU MA TEI	1.4	1.3	1.5	1.2	1.3	1.6	
MONG KOK	0.5	0.5	0.5	0.5	0.5	0.5	
SHAM SHUI PO	1.0	1.0	1.1	1.1	1.0	1.1	
KOWLOON CITY	0.8	0.9	1.1	1.1	0.9	1.2	
KWUN TONG	1.2	1.3	1.4	1.4	1.4	1.6	
WONG TAI SIN	0.5	0.6	0.6	0.6	0.6	0.6	
TSUEN WAN	0.5	0.4	0.5	0.5	0.5	0.6	
KWAI CHUNG	0.8	1.0	0.9	0.9	0.9	0.9	
TSING YI	0.3	0.4	0.4	0.3	0.4	0.3	
SUBTOTAL	11.6	11.7	12.7	13.0	11.8	13.2	
-NWNT							
TUEN MUN	0.8	0.8	0.9	0.8	0.8	0.8	
YUEN LONG	0.2	0.2	0.3	0.3	0.2	0.3	
TIN SHUI WAI	0.3	0.3	0.3	0.3	0.3	0.3	
RURAL AREA	0.3	0.3	0.4	0.4	0.3	0.7	
SUBTOTAL	1.7	1.6	1.8	1.8	1.7	2.1	
-NENT							
TAI PO	0.3	0.3	0.3	0.3	0.3	0.3	
FANLING/SS	0.3	0.3	0.3	0.4	0.3	0.5	
SHATIN	0.7	0.7	0.7	0.8	0.7	0.8	
MA ON SHAN	0.2	0.2	0.2	0.2	0.2	0.2	
RURAL AREA	0.1	0.1	0.1	0.1	0.1	0.1	
SUBTOTAL	1.6	1.6	1.7	1.7	1.6	1.9	
-SWNT							
NORTH LANTAU	1.1	1.0	1.1	1.5	0.9	1.7	
RURAL AREA	0.1	0.1	0.1	0.1	0.1	0.1	
SUBTOTAL	1.3	1.1	1.2	1.8	1.1	1.9	
-SENT							
TSEUNG KWAN O	0.4	0.4	0.4	0.5	0.4	0.5	
RURAL AREA	0.1	0.1	0.1	0.1	0.1	0.1	
SUBTOTAL	0.5	0.4	0.5	0.6	0.4	0.6	
TOTAL	16.6	16.5	18.0	18.8	16.5	20.3	

(d)	TOTAL : TKN BG	(tonnes/day) 2001A	2006A	2011A	2001B	2006B	2011B
-METRO							
CENT & WEST	7.2	6.7	7.7	9.3	6.7	7.9	9.8
WAN CHAI	4.5	4.0	4.7	4.9	4.0	4.8	5.1
EASTERN	7.0	7.4	7.3	7.4	7.4	7.4	7.4
SOUTHERN	2.8	3.2	3.2	3.6	3.2	3.2	3.9
YAU MA TEI	5.0	4.8	5.3	5.2	4.8	5.5	5.8
MONG KOK	2.5	2.5	2.7	2.6	2.5	2.7	2.7
SHAM SHUI PO	5.0	5.3	5.5	5.4	5.2	5.6	5.5
KOWLOON CITY	4.8	6.1	7.1	7.3	6.0	7.2	7.5
KWUN TONG	6.7	7.1	7.6	7.6	7.3	8.6	9.1
WONG TAI SIN	4.7	5.2	5.2	5.2	5.2	5.2	5.2
TSUEN WAN	3.0	3.0	3.2	3.4	3.1	3.5	3.5
KWAI CHUNG	3.9	4.6	4.4	4.3	4.5	4.4	4.3
TSING YI	1.9	2.1	2.1	2.0	2.1	2.1	2.0
SUBTOTAL	59.5	61.9	65.7	68.4	62.1	68.1	71.9
-NWNT							
TUEN MUN	5.6	5.7	5.9	5.8	5.7	6.0	5.9
YUEN LONG	1.9	1.9	2.0	2.3	1.9	2.1	2.3
TIN SHUI WAI	3.4	3.5	3.4	3.4	3.5	3.4	3.4
RURAL AREA	2.9	1.9	3.3	3.6	2.0	3.7	4.9
SUBTOTAL	13.7	13.1	14.6	15.2	13.2	15.3	16.5
-NENT							
TAI PO	2.8	2.8	2.9	2.8	2.8	2.9	2.8
FANLING/SS	2.5	2.5	2.6	2.8	2.5	2.8	4.2
SHATIN	4.9	5.1	5.0	5.2	5.1	5.2	5.2
MA ON SHAN	2.1	1.9	2.0	2.1	1.9	2.0	2.1
RURAL AREA	0.7	0.6	0.7	0.7	0.7	0.9	0.8
SUBTOTAL	13.0	12.9	13.4	13.5	13.0	13.8	15.2
-SWNT							
NORTH LANTAU	1.9	1.7	2.1	3.5	1.5	2.1	5.3
RURAL AREA	0.9	1.0	1.0	1.0	1.0	1.0	1.0
SUBTOTAL	2.8	2.6	3.1	4.7	2.6	3.1	6.4
-SENT							
TSEUNG KWAN O	3.7	3.4	3.7	4.7	3.4	4.5	4.9
RURAL AREA	0.7	0.7	0.7	0.7	0.6	0.7	0.7
SUBTOTAL	4.4	4.0	4.5	5.4	4.0	5.3	5.8
TOTAL	93.2	94.7	101.3	107.1	94.7	105.6	115.8

C21. Projected Daily NH₃ Loads by District

(a) Residential Loads : MK3 (tonnes/day)

BG	2001A	2006A	2011A	2001B	2006B	2011B
-METRO						
CENT & WEST	1.4	1.3	1.5	2.0	1.3	2.1
WAN CHAI	1.1	0.9	1.1	1.2	0.9	1.2
EASTERN	2.7	2.9	2.8	2.9	2.9	2.9
SOUTHERN	1.1	1.3	1.3	1.5	1.3	1.6
YAU MA TEI	1.0	1.0	1.1	1.1	1.0	1.1
MONG KOK	0.7	0.7	0.7	0.7	0.7	0.7
SHAM SHUI PO	1.6	1.8	1.8	1.8	1.8	1.8
KOWLOON CITY	1.6	2.2	2.6	2.7	2.2	2.7
KWUN TONG	2.3	2.4	2.6	2.6	2.4	3.1
WONG TAI SIN	2.1	2.2	2.2	2.2	2.2	2.2
TSUEN WAN	1.0	1.0	1.1	1.2	1.0	1.2
KWAI CHUNG	1.3	1.3	1.3	1.3	1.3	1.3
TSING YI	0.8	0.8	0.8	0.8	0.8	0.8
SUBTOTAL	18.6	19.9	20.8	21.9	19.9	22.7
-NWNT						
TUEN MUN	2.3	2.4	2.4	2.4	2.4	2.5
YUEN LONG	0.7	0.8	0.8	0.9	0.8	0.9
TIN SHUI WAI	1.6	1.6	1.6	1.6	1.6	1.6
RURAL AREA	1.3	0.8	1.4	1.6	0.8	2.0
SUBTOTAL	5.9	5.5	6.2	6.5	5.5	7.0
-NENT						
TAI PO	1.2	1.2	1.2	1.2	1.2	1.2
FANLING/SS	1.1	1.0	1.1	1.1	1.0	1.7
SHATIN	2.0	2.0	2.0	2.0	2.0	2.0
MA ON SHAN	1.0	0.9	0.9	1.0	0.9	1.0
RURAL AREA	0.3	0.3	0.3	0.3	0.3	0.3
SUBTOTAL	5.5	5.4	5.6	5.6	5.4	6.2
-SWNT						
NORTH LANTAU	0.2	0.1	0.3	0.8	0.1	1.6
RURAL AREA	0.4	0.4	0.4	0.4	0.4	0.4
SUBTOTAL	0.6	0.5	0.7	1.2	0.5	2.0
-SENT						
TSEUNG KWAN O	1.6	1.5	1.6	2.1	1.5	2.3
RURAL AREA	0.3	0.2	0.3	0.3	0.2	0.3
SUBTOTAL	1.9	1.8	1.9	2.4	1.8	2.6
TOTAL	32.6	33.1	35.3	37.6	33.2	40.5

(b) Employed Loads : NH3 (tonnes/day)

BG	2001A	2006A	2011A	2001B	2006B	2011B
-METRO						
CENT & WEST	1.6	1.5	1.8	2.0	1.5	1.9
WAN CHAI	1.0	0.9	1.0	1.1	0.9	1.1
EASTERN	0.8	0.8	0.8	0.8	0.8	0.8
SOUTHERN	0.3	0.4	0.4	0.4	0.4	0.4
YAU MA TEI	1.2	1.1	1.2	1.3	1.1	1.3
MONG KOK	0.6	0.5	0.6	0.6	0.5	0.6
SHAM SHUI PO	0.8	0.7	0.8	0.8	0.7	0.8
KOWLOON CITY	0.8	0.9	1.0	1.0	0.9	1.0
KWUN TONG	1.0	1.0	1.1	1.1	1.1	1.2
WONG TAI SIN	0.4	0.5	0.5	0.5	0.5	0.5
TSUEN WAN	0.5	0.5	0.5	0.5	0.5	0.5
KWAI CHUNG	0.6	0.8	0.7	0.7	0.8	0.7
TSING YI	0.2	0.2	0.2	0.2	0.2	0.2
SUBTOTAL	9.6	9.8	10.5	10.9	9.8	11.0
-NWNT						
TUEN MUN	0.5	0.5	0.5	0.5	0.5	0.6
YUEN LONG	0.2	0.3	0.3	0.3	0.3	0.3
TIN SHUI WAI	0.2	0.2	0.2	0.2	0.2	0.2
RURAL AREA	0.2	0.2	0.3	0.3	0.2	0.4
SUBTOTAL	1.1	1.2	1.3	1.4	1.3	1.5
-NENT						
TAI PO	0.3	0.3	0.3	0.3	0.3	0.3
FANLING/SS	0.2	0.2	0.2	0.3	0.2	0.3
SHATIN	0.5	0.6	0.6	0.6	0.6	0.6
MA ON SHAN	0.1	0.1	0.1	0.1	0.1	0.1
RURAL AREA	0.1	0.1	0.1	0.1	0.1	0.1
SUBTOTAL	1.2	1.3	1.3	1.4	1.3	1.7
-SWNT						
NORTH LANTAU	0.2	0.3	0.3	0.4	0.2	0.3
RURAL AREA	0.1	0.1	0.1	0.1	0.1	0.1
SUBTOTAL	0.3	0.4	0.4	0.5	0.3	0.7
-SENT						
TSEUNG KWAN	0.3	0.3	0.3	0.4	0.3	0.3
RURAL AREA	0.1	0.1	0.1	0.1	0.1	0.1
SUBTOTAL	0.3	0.4	0.4	0.4	0.3	0.4
TOTAL	12.7	13.0	13.9	14.6	13.0	14.7
						15.9

(c) Industrial Loads : NH3 (tonnes/day)

	BG	2001A	2006A	2011A	2001B	2006B	2011B
-METRO							
CENT & WEST	1.1	1.1	1.2	1.4	1.1	1.3	1.4
WAN CHAI	0.6	0.5	0.6	0.6	0.5	0.6	0.6
EASTERN	0.6	0.6	0.6	0.6	0.6	0.6	0.6
SOUTHERN	0.2	0.2	0.2	0.3	0.2	0.3	0.3
YAU MA TEI	0.8	0.7	0.9	0.8	0.8	0.9	0.9
MONG KOK	0.3	0.3	0.3	0.3	0.3	0.3	0.3
SHAM SHUI PO	0.6	0.6	0.6	0.6	0.6	0.6	0.6
KOWLOON CITY	0.4	0.5	0.6	0.6	0.5	0.6	0.7
KWUN TONG	0.7	0.8	0.8	0.8	0.8	0.9	0.9
HONG TAI SIN	0.3	0.3	0.4	0.3	0.3	0.4	0.4
TSUEN WAN	0.2	0.2	0.3	0.3	0.2	0.3	0.3
KWAI CHUNG	0.5	0.5	0.5	0.5	0.5	0.5	0.5
TSING YI	0.2	0.2	0.2	0.2	0.2	0.2	0.2
SUBTOTAL	6.5	6.6	7.2	7.4	6.7	7.4	7.7
-NWNT							
TUEN MUN	0.5	0.5	0.5	0.5	0.5	0.5	0.5
YUEN LONG	0.1	0.1	0.1	0.2	0.1	0.2	0.2
TIN SHUI WAI	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RURAL AREA	0.2	0.2	0.3	0.3	0.2	0.3	0.4
SUBTOTAL	1.1	1.0	1.1	1.2	1.0	1.2	1.3
-NENT							
TAI PO	0.2	0.2	0.2	0.2	0.2	0.2	0.2
FANLING/SS	0.2	0.2	0.2	0.2	0.2	0.2	0.3
SHATIN	0.4	0.4	0.4	0.5	0.4	0.5	0.5
MA ON SHAN	0.1	0.1	0.1	0.1	0.1	0.1	0.1
RURAL AREA	0.1	0.0	0.1	0.1	0.1	0.1	0.1
SUBTOTAL	1.0	1.0	1.0	1.1	1.0	1.1	1.1
-SWNT							
NORTH LANTAU	0.7	0.7	0.7	1.0	0.6	0.7	1.1
RURAL AREA	0.1	0.1	0.1	0.1	0.1	0.1	0.1
SUBTOTAL	0.8	0.7	0.8	1.1	0.7	0.8	1.2
-SENT							
TSEUNG KWAN O	0.2	0.2	0.3	0.3	0.2	0.3	0.3
RURAL AREA	0.0	0.0	0.0	0.0	0.0	0.0	0.0
SUBTOTAL	0.3	0.3	0.3	0.3	0.3	0.4	0.4
TOTAL	9.6	9.6	10.5	11.0	9.6	10.8	11.7

(d) Total Loads : NH3 (tonnes/day)

BG	2001A	2006A	2011A	2001B	2006B	2011B
-METRO						
CENT & WEST	4.1	3.9	4.5	5.4	3.9	4.7
WAN CHAI	2.7	2.3	2.7	2.9	2.3	2.8
EASTERN	4.1	4.3	4.2	4.3	4.3	4.3
SOUTHERN	1.6	1.9	1.9	2.2	1.9	2.0
YAU MA TEI	3.0	2.8	3.2	3.2	2.9	3.3
MONG KOK	1.6	1.5	1.6	1.6	1.5	1.6
SHAM SHUI PO	3.0	3.1	3.2	3.2	3.1	3.2
KOWLOON CITY	2.8	3.6	4.2	4.3	3.6	4.2
KWUN TONG	4.0	4.2	4.5	4.5	4.3	5.0
WONG TAI SIN	2.8	3.0	3.1	3.0	3.0	3.1
TSUEN WAN	1.7	1.7	1.9	2.0	1.7	2.0
KWAI CHUNG	2.4	2.6	2.5	2.5	2.6	2.5
TSING YI	1.2	1.2	1.2	1.2	1.2	1.2
SUBTOTAL	34.7	36.3	38.5	40.2	36.4	39.9
-NWNT						
TUEN MUN	3.3	3.4	3.4	3.4	3.4	3.5
YUEN LONG	1.0	1.2	1.2	1.4	1.2	1.3
TIN SHUI WAI	2.0	2.0	2.0	2.0	2.0	2.0
RURAL AREA	1.7	1.2	2.0	2.2	1.2	2.3
SUBTOTAL	8.1	7.7	8.6	9.1	7.8	9.8
-NENT						
TAI PO	1.7	1.7	1.7	1.7	1.7	1.7
FANLING/SS	1.5	1.4	1.5	1.6	1.4	1.6
SHATIN	2.9	3.0	3.0	3.1	3.0	3.1
MA ON SHAN	1.2	1.1	1.1	1.2	1.1	1.2
RURAL AREA	0.5	0.4	0.5	0.5	0.5	0.5
SUBTOTAL	7.7	7.7	7.9	8.1	7.7	9.0
-SWNT						
NORTH LANTAU	1.1	1.1	1.3	2.2	0.9	1.3
RURAL AREA	0.6	0.6	0.6	0.6	0.6	0.6
SUBTOTAL	1.7	1.6	1.9	2.8	1.5	1.9
-SENT						
TSEUNG KWAN	2.1	2.0	2.2	2.8	2.0	2.6
RURAL AREA	0.4	0.3	0.4	0.4	0.3	0.4
SUBTOTAL	2.5	2.5	2.6	3.1	2.4	3.1
TOTAL	54.9	55.7	59.7	63.2	55.8	62.2
						68.1

C22. Projected Daily E.coli Counts

(a) Residential : E.coli (no / day)

BG	2001A	2006A	2011A	2001B	2006B	2011B	
-METRO							
CENT & WEST	1.23E+13	1.14E+13	1.26E+13	1.76E+13	1.14E+13	1.27E+13	1.84E+13
WAN CHAI	9.07E+12	7.78E+12	9.59E+12	9.93E+12	7.78E+12	9.72E+12	1.03E+13
EASTERN	2.36E+13	2.47E+13	2.43E+13	2.46E+13	2.47E+13	2.46E+13	2.49E+13
SOUTHERN	9.80E+12	1.11E+13	1.12E+13	1.28E+13	1.11E+13	1.13E+13	1.38E+13
YAU MA TEI	8.64E+12	8.64E+12	9.07E+12	9.42E+12	8.64E+12	9.16E+12	9.42E+12
MONG KOK	5.63E+12	5.72E+12	5.85E+12	5.98E+12	5.81E+12	5.93E+12	5.93E+12
SHAM SHUI PO	1.37E+13	1.52E+13	1.53E+13	1.53E+13	1.52E+13	1.55E+13	1.53E+13
KOWLOON CITY	1.38E+13	1.89E+13	2.20E+13	2.29E+13	1.89E+13	2.23E+13	2.29E+13
KWUN TONG	1.96E+13	2.09E+13	2.20E+13	2.20E+13	2.09E+13	2.52E+13	2.71E+13
WONG TAI SIN	1.79E+13	1.92E+13	1.91E+13	1.90E+13	1.92E+13	1.93E+13	1.90E+13
TSUEN WAN	8.60E+12	8.86E+12	9.67E+12	1.03E+13	8.86E+12	1.04E+13	1.02E+13
KWAI CHUNG	1.08E+13	1.15E+13	1.14E+13	1.14E+13	1.15E+13	1.16E+13	1.14E+13
TSING YI	6.75E+12	7.27E+12	7.01E+12	7.01E+12	7.27E+12	7.10E+12	6.97E+12
SUBTOTAL	1.60E+14	1.71E+14	1.79E+14	1.88E+14	1.71E+14	1.85E+14	1.96E+14
-NWNT							
TUEN MUN	1.98E+13	2.04E+13	2.07E+13	2.07E+13	2.04E+13	2.10E+13	2.11E+13
YUEN LONG	6.41E+12	6.58E+12	6.79E+12	8.00E+12	6.58E+12	7.22E+12	8.04E+12
TIN SHUI WAI	1.37E+13	1.40E+13	1.36E+13	1.37E+13	1.40E+13	1.38E+13	1.37E+13
RURAL AREA	1.11E+13	6.62E+12	1.22E+13	1.36E+13	6.62E+12	1.38E+13	1.70E+13
SUBTOTAL	5.10E+13	4.76E+13	5.33E+13	5.60E+13	4.76E+13	5.58E+13	5.99E+13
-NENT							
TAI PO	1.02E+13	1.02E+13	1.05E+13	1.03E+13	1.02E+13	1.06E+13	1.03E+13
FANLING/SS	9.12E+12	8.90E+12	9.42E+12	9.42E+12	8.90E+12	9.55E+12	1.46E+13
SHATIN	1.69E+13	1.75E+13	1.72E+13	1.72E+13	1.75E+13	1.74E+13	1.72E+13
MA ON SHAN	8.38E+12	7.57E+12	8.17E+12	8.60E+12	7.57E+12	8.26E+12	8.60E+12
RURAL AREA	2.54E+12	2.24E+12	2.75E+12	2.54E+12	2.24E+12	2.80E+12	2.54E+12
SUBTOTAL	4.71E+13	4.64E+13	4.81E+13	4.80E+13	4.64E+13	4.86E+13	5.32E+13
-SWNT							
NORTH LANTAU	1.81E+12	1.25E+12	2.71E+12	6.79E+12	1.25E+12	2.75E+12	1.39E+13
RURAL AREA	3.40E+12	3.31E+12	3.44E+12	3.48E+12	3.31E+12	3.57E+12	3.48E+12
SUBTOTAL	5.20E+12	4.56E+12	6.15E+12	1.03E+13	4.56E+12	6.32E+12	1.74E+13
-SENT							
TSEUNG KWAN O	1.40E+13	1.33E+13	1.41E+13	1.81E+13	1.33E+13	1.74E+13	1.93E+13
RURAL AREA	2.54E+12	2.11E+12	2.67E+12	2.67E+12	2.11E+12	2.71E+12	2.67E+12
SUBTOTAL	1.66E+13	1.54E+13	1.68E+13	2.08E+13	1.54E+13	2.01E+13	2.20E+13
TOTAL	2.80E+14	2.85E+14	3.03E+14	3.23E+14	2.85E+14	3.15E+14	3.48E+14

(b) Employed : E.coli (no / day)

BG	2001A	2006A	2011A	2001B	2006B	2011B
-METRO						
CENT & WEST	1.42E+13	1.31E+13	1.55E+13	1.73E+13	1.33E+13	1.64E+13
WAN CHAI	8.79E+12	8.15E+12	8.92E+12	9.45E+12	8.12E+12	9.35E+12
EASTERN	6.90E+12	7.07E+12	7.21E+12	7.18E+12	7.07E+12	7.42E+12
SOUTHERN	2.77E+12	3.29E+12	3.39E+12	3.50E+12	3.33E+12	3.39E+12
YAU MA TEI	1.01E+13	9.49E+12	1.07E+13	1.11E+13	9.38E+12	1.12E+13
MONG KOK	4.86E+12	4.72E+12	4.97E+12	4.90E+12	4.69E+12	5.15E+12
SHAM SHUI PO	6.75E+12	6.55E+12	7.07E+12	7.04E+12	6.51E+12	7.18E+12
KOWLOON CITY	6.83E+12	7.77E+12	8.44E+12	8.96E+12	7.49E+12	8.68E+12
KWUN TONG	8.40E+12	9.10E+12	9.49E+12	9.70E+12	9.45E+12	1.07E+13
WONG TAI SIN	3.89E+12	4.10E+12	4.20E+12	4.20E+12	4.06E+12	4.34E+12
TSUEN WAN	4.27E+12	4.27E+12	4.38E+12	4.72E+12	4.13E+12	4.55E+12
KWAI CHUNG	5.15E+12	6.75E+12	6.13E+12	5.81E+12	6.61E+12	6.16E+12
TSING YI	1.40E+12	1.51E+12	1.51E+12	1.43E+12	1.51E+12	1.54E+12
SUBTOTAL	8.44E+13	8.58E+13	9.19E+13	9.52E+13	8.56E+13	9.60E+13
-NWNT						
TUEN MUN	4.45E+12	4.66E+12	4.80E+12	4.72E+12	4.66E+12	4.97E+12
YUEN LONG	1.86E+12	2.24E+12	2.31E+12	2.27E+12	2.21E+12	2.27E+12
TIN SHUI WAI	1.86E+12	2.17E+12	2.17E+12	2.17E+12	2.10E+12	2.10E+12
RURAL AREA	1.89E+12	1.72E+12	2.49E+12	2.69E+12	2.03E+12	3.12E+12
SUBTOTAL	1.00E+13	1.08E+13	1.18E+13	1.19E+13	1.10E+13	1.25E+13
-NENT						
TAI PO	2.38E+12	2.42E+12	2.49E+12	2.62E+12	2.42E+12	2.49E+12
FANLING/SS	1.96E+12	2.03E+12	2.10E+12	2.59E+12	2.07E+12	2.62E+12
SHATIN	4.72E+12	4.86E+12	4.90E+12	5.07E+12	4.83E+12	5.04E+12
MA ON SHAN	1.12E+12	1.02E+12	1.12E+12	1.16E+12	9.80E+11	1.19E+12
RURAL AREA	5.60E+11	7.35E+11	7.00E+11	6.30E+11	1.12E+12	1.16E+12
SUBTOTAL	1.07E+13	1.11E+13	1.13E+13	1.21E+13	1.14E+13	1.25E+13
-SWNT						
NORTH LANTAU	2.03E+12	2.38E+12	2.69E+12	3.78E+12	2.17E+12	2.77E+12
RURAL AREA	7.35E+11	8.40E+11	8.40E+11	8.05E+11	8.05E+11	8.05E+11
SUBTOTAL	2.77E+12	3.22E+12	3.54E+12	4.59E+12	2.94E+12	3.57E+12
-SENT						
TSEUNG KWAN O	2.38E+12	2.31E+12	2.69E+12	3.15E+12	2.24E+12	3.04E+12
RURAL AREA	6.30E+11	8.05E+11	7.35E+11	7.00E+11	7.00E+11	7.35E+11
SUBTOTAL	3.01E+12	3.12E+12	3.43E+12	3.85E+12	2.94E+12	3.78E+12
TOTAL	1.11E+14	1.14E+14	1.22E+14	1.28E+14	1.14E+14	1.28E+14

(d) Total : E.coli (no / day)

BG	2001A	2006A	2011A	2001B	2006B	2011B
-METRO						
CENT & WEST	2.65E+13	2.45E+13	2.81E+13	3.49E+13	2.47E+13	3.74E+13
WAN CHAI	1.79E+13	1.59E+13	1.85E+13	1.94E+13	1.59E+13	2.04E+13
EASTERN	3.05E+13	3.18E+13	3.15E+13	3.18E+13	3.18E+13	3.24E+13
SOUTHERN	1.26E+13	1.44E+13	1.46E+13	1.63E+13	1.44E+13	1.75E+13
YAU MA TEI	1.87E+13	1.81E+13	1.98E+13	2.05E+13	1.80E+13	2.12E+13
MONG KOK	1.05E+13	1.04E+13	1.08E+13	1.09E+13	1.05E+13	1.11E+13
SHAM SHUI PO	2.05E+13	2.17E+13	2.24E+13	2.23E+13	2.17E+13	2.25E+13
KOWLOON CITY	2.06E+13	2.67E+13	3.04E+13	3.19E+13	2.64E+13	3.23E+13
KWUN TONG	2.80E+13	3.00E+13	3.15E+13	3.17E+13	3.04E+13	3.59E+13
WONG TAI SIN	2.18E+13	2.33E+13	2.33E+13	2.32E+13	2.33E+13	2.36E+13
TSUEN WAN	1.29E+13	1.31E+13	1.40E+13	1.50E+13	1.30E+13	1.49E+13
KWAI CHUNG	1.60E+13	1.82E+13	1.75E+13	1.72E+13	1.81E+13	1.78E+13
TSING YI	8.15E+12	8.78E+12	8.52E+12	8.44E+12	8.78E+12	8.64E+12
SUBTOTAL	2.44E+14	2.57E+14	2.71E+14	2.83E+14	2.57E+14	2.81E+14
-NWNT						
TUEN MUN	2.42E+13	2.51E+13	2.55E+13	2.54E+13	2.51E+13	2.60E+13
YUEN LONG	8.27E+12	8.82E+12	9.10E+12	1.03E+13	8.79E+12	9.49E+12
TIN SHUI WAI	1.56E+13	1.62E+13	1.58E+13	1.59E+13	1.61E+13	1.58E+13
RURAL AREA	1.30E+13	8.34E+12	1.47E+13	1.63E+13	8.65E+12	1.69E+13
SUBTOTAL	6.10E+13	5.84E+13	6.51E+13	6.79E+13	5.86E+13	7.33E+13
-NENT						
TAI PO	1.26E+13	1.26E+13	1.30E+13	1.29E+13	1.26E+13	1.31E+13
FANLING/SS	1.11E+13	1.09E+13	1.15E+13	1.20E+13	1.10E+13	1.22E+13
SHATIN	2.16E+13	2.24E+13	2.21E+13	2.23E+13	2.23E+13	2.24E+13
MA ON SHAN	9.50E+12	8.59E+12	9.29E+12	9.76E+12	8.55E+12	9.45E+12
RURAL AREA	3.10E+12	2.97E+12	3.45E+12	3.17E+12	3.36E+12	3.96E+12
SUBTOTAL	5.78E+13	5.75E+13	5.94E+13	6.01E+13	5.78E+13	6.11E+13
-SWNT						
NORTH LANTAU	3.84E+12	3.63E+12	5.40E+12	1.06E+13	3.42E+12	5.52E+12
RURAL AREA	4.14E+12	4.15E+12	4.28E+12	4.28E+12	4.11E+12	4.37E+12
SUBTOTAL	7.97E+12	7.78E+12	9.69E+12	1.49E+13	7.50E+12	9.89E+12
-SENT						
YSEUNG KWAN O	1.64E+13	1.56E+13	1.68E+13	2.13E+13	1.55E+13	2.04E+13
RURAL AREA	3.17E+12	2.91E+12	3.40E+12	3.37E+12	2.81E+12	3.44E+12
SUBTOTAL	1.96E+13	1.85E+13	2.02E+13	2.47E+13	1.83E+13	2.39E+13
TOTAL	3.91E+14	3.99E+14	4.25E+14	4.51E+14	3.99E+14	4.43E+14

C23. Estimated Flows in Excess of Disposal Capacity (% Exceedance)

Location	Disposal Capacity (m ³ /d)	2001		2006		2011	
		A	B	A	B	A	B
METRO SSDS I Sham Tseng	under separate review	--	--	--	--	--	--
NWNT Tuen Mun Yuen Long TSW Rural NWNT	192,000 70,000 >220,000)	-3% 0% -22%	-3% 0% -20%	0% 3% -2%	2% 7% 6%	0% 15% 5%	3% 15% 25%
NENT Tai Po Fanling/SS Sha Tin Ma On Shan Rural NENT	90,000 59,880 >308,610)	0% 28% -20%	0% 27% -18%	6% 34% -18%	7% 47% -14%	6% 45% -49%	7% 123% -13%
SENT TKO Rural SENT	SSDS 15,200	36%	29%	50%	53%	46%	48%
SWNT N. Lantau Rural SWNT	200,000	-58%	-60%	-50%	-50%	-27%	4%

Note (1) - ve sign indicates spare capacity (before considering peaking factors)
 (2) The disposal capacities were taken from Table C2 with the estimated flow rates given Table C16 (d) and are meant for illustrative purposes only.