

### PDZ 40 - Population and Employment Forecast From TPEDM

	Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19
2011	12600	7150	0	0	0	400	50	0	50	50	0	50	0	50	300	200	0	700	600	250	2750
2013	12420	7470	0	0	0	260	50	0	50	50	0	50	0	50	300	200	0	720	620	230	2110
2016	12150	7950	0	0	0	50	50	0	50	50	0	50	0	50	300	200	0	750	650	200	1150
2021	11800	7950	0	0	0	50	0	0	50	50	0	0	0	50	250	150	0	650	600	200	1200

- Note:
1. The population forecast of Year 2011, 2016, 2021 is extracted from 2011-based (TPEDM)
  2. The population forecast of Year 2013 is interpolated from the Years in Note No. 1.
  3. The "Residential" population is the summation of "Usual Residents" and "Mobile Residents with regular residence in Hong Kong" extracted from 2011-based (TPEDM)

### PDZ 40 - ADFW Estimation

GUFF ref. of GESF		J7 & J8	J1	J2	J9	J5	J4	J4	J3	J10	J10	J3	J6	J6	J6	J12	School	General	J11	J11		Proportion to APTW Catchment
Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19		
GUFF	0.23	0.04	0.08	0.63	0.33	0.23	0.08	0.28	0.18	1.58	1.58	0.18	0.08	0.08	0.08	0.08	0.28	0.28	0.28	0.28	Total (m3/day)	Total (m3/day)
2011	2898.0	286.0	0.0	0.0	0.0	92.0	4.0	0.0	14.0	9.0	0.0	79.0	4.0	24.0	16.0	0.0	196.0	168.0	70.0	770.0	4630.0	1389
2013	2856.6	298.8	0.0	0.0	0.0	59.8	4.0	0.0	14.0	9.0	0.0	79.0	4.0	24.0	16.0	0.0	201.6	173.6	64.4	590.8	4395.6	1318.68
2016	2794.5	318.0	0.0	0.0	0.0	11.5	4.0	0.0	14.0	9.0	0.0	79.0	4.0	24.0	16.0	0.0	210.0	182.0	56.0	322.0	4044.0	1213.2
2021	2714.0	318.0	0.0	0.0	0.0	11.5	0.0	0.0	14.0	9.0	0.0	0.0	4.0	20.0	12.0	0.0	182.0	168.0	56.0	336.0	3844.5	1153.35

- Note:
1. The sewage flow estimation set to equal zero if the interpolation and extrapolation of population forecast show negative sign.
  2. The proportion of APTW catchment of the corresponding PDZ refers to Guidelines for Estimating Sewage Flows (GESF) appendix II.

### PDZ 41 - Population and Employment Forecast From TPEDM

	Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19
2011	4450	1850	0	0	0	450	0	0	200	100	0	300	0	0	350	150	100	350	300	150	1500
2013	4490	2830	0	0	0	310	20	0	200	100	0	320	0	20	350	170	100	350	300	150	1040
2016	4550	4300	0	0	0	100	50	0	200	100	0	350	0	50	350	200	100	350	300	150	350
2021	4200	4450	0	0	0	50	0	0	200	50	0	300	0	50	300	150	100	300	300	150	350

- Note:
1. The population forecast of Year 2011, 2016, 2021 is extracted from 2011-based (TPEDM)
  2. The population forecast of Year 2013 is interpolated from the Years in Note No. 1.
  3. The "Residential" population is the summation of "Usual Residents" and "Mobile Residents with regular residence in Hong Kong" extracted from 2011-based (TPEDM)

### PDZ 41 - ADFW Estimation

GUFF ref. of GESF		J7 & J8	J1	J2	J9	J5	J4	J4	J3	J10	J10	J3	J6	J6	J6	J12	School	General	J11	J11		Portion to APTW Catchment	
Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19			
GUFF	0.23	0.04	0.08	0.63	0.33	0.23	0.08	0.28	0.18	1.58	1.58	0.18	0.08	0.08	0.08	0.08	0.28	0.28	0.28	0.28	Total (m3/day)	Total (m3/day)	
2011	1023.5	74.0	0.0	0.0	0.0	103.5	0.0	0.0	56.0	18.0	0.0	474.0	0.0	28.0	12.0	8.0	98.0	84.0	42.0	420.0	2441.0	1098.45	
2013	1032.7	113.2	0.0	0.0	0.0	71.3	1.6	0.0	56.0	18.0	0.0	505.6	0.0	1.6	28.0	13.6	8.0	98.0	84.0	42.0	291.2	2364.8	1064.16
2016	1046.5	172.0	0.0	0.0	0.0	23.0	4.0	0.0	56.0	18.0	0.0	553.0	0.0	4.0	28.0	16.0	8.0	98.0	84.0	42.0	98.0	2250.5	1012.725
2021	966.0	178.0	0.0	0.0	0.0	11.5	0.0	0.0	56.0	9.0	0.0	474.0	0.0	4.0	24.0	12.0	8.0	84.0	84.0	42.0	98.0	2050.5	922.725

- Note:
1. The sewage flow estimation set to equal zero if the interpolation and extrapolation of population forecast show negative sign.
  2. The proportion of APTW catchment of the corresponding PDZ refers to Guidelines for Estimating Sewage Flows (GESF) appendix II.

### PDZ 43 - Population and Employment Forecast From TPEDM

	Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19
2011	0	2550	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	250	0	0	0
2013	0	3250	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	290	0	0	0
2016	0	4300	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	350	0	0	0
2021	0	4450	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	400	0	0	0

- Note:
1. The population forecast of Year 2011, 2016, 2021 is extracted from 2011-based (TPEDM)
  2. The population forecast of Year 2013 is interpolated from the Years in Note No. 1.
  3. The "Residential" population is the summation of "Usual Residents" and "Mobile Residents with regular residence in Hong Kong" extracted from 2011-based (TPEDM)
  4. For PDZ 43, only Category School and S16 are assumed to contribute to APTW catchment. Assume 0 population for others Categories.

### PDZ 43 - ADFW Estimation

GUFF ref. of GESF		J7 & J8	J1	J2	J9	J5	J4	J4	J3	J10	J10	J3	J6	J6	J6	J12	School	General	J11	J11		Portion to APTW Catchment
Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19		
GUFF	0.23	0.04	0.08	0.53	0.33	0.23	0.08	0.28	0.18	1.58	1.58	0.18	0.08	0.08	0.08	0.08	0.28	0.28	0.28	0.28	Total (m3/day)	Total (m3/day)
2011	0.0	102.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	70.0	0.0	0.0	0.0	172.0	172
2013	0.0	130.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	81.2	0.0	0.0	0.0	211.2	211.2
2016	0.0	172.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	98.0	0.0	0.0	0.0	270.0	270
2021	0.0	178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112.0	0.0	0.0	0.0	290.0	290

- Note:
1. The sewage flow estimation set to equal zero if the interpolation and extrapolation of population forecast show negative sign.
  2. The proportion of APTW catchment of the corresponding PDZ refers to Guidelines for Estimating Sewage Flows (GESF) appendix II.

### PDZ 44 - Population and Employment Forecast From TPEDM

	Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19
2011	15850	3450	0	0	0	150	100	0	200	50	0	200	50	50	200	150	0	300	0	150	1200
2013	15690	3450	0	0	0	130	100	0	200	50	0	200	50	50	200	150	0	300	0	150	1760
2016	15450	3450	0	0	0	100	100	0	200	50	0	200	50	50	200	150	0	300	0	150	2600
2021	14900	3450	0	0	0	900	100	0	200	50	0	200	50	50	200	150	0	250	0	150	2700

- Note:
1. The population forecast of Year 2011, 2016, 2021 is extracted from 2011-based (TPEDM)
  2. The population forecast of Year 2013 is interpolated from the Years in Note No. 1.
  3. The "Residential" population is the summation of "Usual Residents" and "Mobile Residents with regular residence in Hong Kong" extracted from 2011-based (TPEDM)

### PDZ 44 - ADFW Estimation

GUFF ref. of GESF		J7 & J8	J1	J2	J9	J5	J4	J4	J3	J10	J10	J3	J6	J6	J6	J12	School	General	J11	J11	Proportion to APTW Catchment	
Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19	Total (m3/day)	Total (m3/day)
GUFF	0.23	0.04	0.08	0.63	0.33	0.23	0.08	0.28	0.18	1.58	1.58	0.18	0.08	0.08	0.08	0.08	0.28	0.28	0.28	0.28		
2011	3645.5	138.0	0.0	0.0	0.0	34.5	8.0	0.0	56.0	9.0	0.0	316.0	9.0	4.0	16.0	12.0	0.0	84.0	0.0	42.0	336.0	4710.0
2013	3608.7	138.0	0.0	0.0	0.0	29.9	8.0	0.0	56.0	9.0	0.0	316.0	9.0	4.0	16.0	12.0	0.0	84.0	0.0	42.0	492.8	4825.4
2016	3553.5	138.0	0.0	0.0	0.0	23.0	8.0	0.0	56.0	9.0	0.0	316.0	9.0	4.0	16.0	12.0	0.0	84.0	0.0	42.0	728.0	4998.5
2021	3427.0	138.0	0.0	0.0	0.0	207.0	8.0	0.0	56.0	9.0	0.0	316.0	9.0	4.0	16.0	12.0	0.0	70.0	0.0	42.0	756.0	5070.0

- Note:
1. The sewage flow estimation set to equal zero if the interpolation and extrapolation of population forecast show negative sign.
  2. The proportion of APTW catchment of the corresponding PDZ refers to Guidelines for Estimating Sewage Flows (GESF) appendix II.

### PDZ 45 - Population and Employment Forecast From TPEDM

	Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19
2011	42850	5150	100	0	0	150	50	50	450	100	0	450	0	50	150	100	100	650	50	850	700
2013	42130	5510	80	0	0	170	70	50	450	100	0	470	0	70	170	120	100	650	50	850	780
2016	41050	6050	50	0	0	200	100	50	450	100	0	500	0	100	200	150	100	650	50	850	900
2021	39200	6050	50	0	0	500	100	50	450	100	0	450	0	100	200	150	100	600	50	750	950

- Note:
1. The population forecast of Year 2011, 2016, 2021 is extracted from 2011-based (TPEDM)
  2. The population forecast of Year 2013 is interpolated from the Years in Note No. 1.
  3. The "Residential" population is the summation of "Usual Residents" and "Mobile Residents with regular residence in Hong Kong" extracted from 2011-based (TPEDM)

### PDZ 45 - ADFW Estimation

GUFF ref. of GESF		J7 & J8	J1	J2	J9	J5	J4	J4	J3	J10	J10	J3	J6	J6	J6	J12	School	General	J11	J11	Proportion to APTW Catchment	
Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19	Total (m3/day)	Total (m3/day)
GUFF	0.23	0.04	0.08	0.63	0.33	0.23	0.08	0.28	0.18	1.58	1.58	0.18	0.08	0.08	0.08	0.08	0.28	0.28	0.28	0.28		
2011	9855.5	206.0	8.0	0.0	0.0	34.5	4.0	14.0	126.0	18.0	0.0	711.0	0.0	4.0	12.0	8.0	182.0	14.0	238.0	196.0	11639.0	2327.8
2013	9689.9	220.4	6.4	0.0	0.0	39.1	5.6	14.0	126.0	18.0	0.0	742.6	0.0	5.6	13.6	9.6	182.0	14.0	238.0	218.4	11551.2	2310.24
2016	9441.5	242.0	4.0	0.0	0.0	46.0	8.0	14.0	126.0	18.0	0.0	790.0	0.0	8.0	16.0	12.0	182.0	14.0	238.0	252.0	11419.5	2283.9
2021	9016.0	242.0	4.0	0.0	0.0	115.0	8.0	14.0	126.0	18.0	0.0	711.0	0.0	8.0	16.0	12.0	168.0	14.0	210.0	266.0	10956.0	2191.2

- Note:
1. The sewage flow estimation set to equal zero if the interpolation and extrapolation of population forecast show negative sign.
  2. The proportion of APTW catchment of the corresponding PDZ refers to Guidelines for Estimating Sewage Flows (GESF) appendix II.

### PDZ 46 - Population and Employment Forecast From TPEDM

	Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19
2011	17400	1200	50	300	0	300	800	400	450	250	50	350	450	50	150	300	50	150	50	550	300
2013	17200	1220	50	280	0	320	800	400	450	250	70	370	470	70	150	320	50	150	50	550	580
2016	16900	1250	50	250	0	350	800	400	450	250	100	400	500	100	150	350	50	150	50	550	1000
2021	16250	1250	50	250	0	500	900	350	600	300	100	400	500	150	200	350	50	150	100	550	1050

- Note:
1. The population forecast of Year 2011, 2016, 2021 is extracted from 2011-based (TPEDM)
  2. The population forecast of Year 2013 is interpolated from the Years in Note No. 1.
  3. The "Residential" population is the summation of "Usual Residents" and "Mobile Residents with regular residence in Hong Kong" extracted from 2011-based (TPEDM)

### PDZ 46 - ADFW Estimation

GUFF ref. of GESF		J7 & J8	J1	J2	J9	J5	J4	J4	J3	J10	J10	J3	J6	J6	J6	J12	School	General	J11	J11	Proportion to APTW Catchment	
Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19	Total (m3/day)	Total (m3/day)
GUFF	0.23	0.04	0.08	0.63	0.33	0.23	0.08	0.28	0.18	1.58	1.58	0.18	0.08	0.08	0.08	0.08	0.28	0.28	0.28	0.28		
2011	4002.0	48.0	4.0	189.0	0.0	69.0	64.0	112.0	126.0	45.0	79.0	64.0	81.0	4.0	12.0	24.0	4.0	42.0	14.0	154.0	84.0	5710.0
2013	3956.0	48.8	4.0	176.4	0.0	73.6	64.0	112.0	126.0	45.0	110.6	84.6	5.6	12.0	25.6	4.0	42.0	14.0	154.0	162.4	5805.2	
2016	3887.0	50.0	4.0	157.5	0.0	80.5	64.0	112.0	126.0	45.0	158.0	632.0	90.0	8.0	12.0	28.0	4.0	42.0	14.0	154.0	280.0	5948.0
2021	3737.5	50.0	4.0	157.5	0.0	115.0	72.0	98.0	168.0	54.0	158.0	632.0	90.0	12.0	16.0	28.0	4.0	42.0	28.0	154.0	294.0	5914.0

- Note:
1. The sewage flow estimation set to equal zero if the interpolation and extrapolation of population forecast show negative sign.
  2. The proportion of APTW catchment of the corresponding PDZ refers to Guidelines for Estimating Sewage Flows (GESF) appendix II.

### PDZ 47 - Population and Employment Forecast From TPEDM

	Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19
2011	43950	5150	450	550	0	1000	800	250	1900	500	0	2000	50	450	350	700	450	900	200	1250	1400
2013	43050	5150	410	510	0	960	820	250	2000	500	20	2140	70	490	370	740	450	900	220	1270	2200
2016	41700	5150	350	450	0	900	850	250	2150	500	50	2350	100	550	400	800	450	900	250	1300	3400
2021	40100	5150	300	350	0	950	700	200	2150	400	50	2350	100	650	350	800	400	850	250	1250	3500

- Note:
1. The population forecast of Year 2011, 2016, 2021 is extracted from 2011-based (TPEDM)
  2. The population forecast of Year 2013 is interpolated from the Years in Note No. 1.
  3. The "Residential" population is the summation of "Usual Residents" and "Mobile Residents with regular residence in Hong Kong" extracted from 2011-based (TPEDM)

### PDZ 47 - ADFW Estimation

GUFF ref. of GESF		J7 & J8	J1	J2	J9	J5	J4	J4	J3	J10	J10	J3	J6	J6	J6	J12	School	General	J11	J11		Proportion to APTW Catchment	
Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19		1	
GUFF	0.23	0.04	0.08	0.63	0.33	0.23	0.08	0.28	0.18	1.58	1.58	0.18	0.08	0.08	0.08	0.08	0.28	0.28	0.28	0.28	Total (m3/day)	Total (m3/day)	
2011	10108.5	206.0	36.0	346.5	0.0	230.0	64.0	70.0	532.0	90.0	0.0	3160.0	9.0	36.0	28.0	56.0	252.0	56.0	350.0	392.0	16058.0	16058	
2013	9901.5	206.0	32.8	321.3	0.0	220.8	65.6	70.0	560.0	90.0	31.6	3381.2	12.6	39.2	29.6	59.2	36.0	252.0	61.6	355.6	616.0	16342.6	16342.6
2016	9591.0	206.0	28.0	283.5	0.0	207.0	68.0	70.0	602.0	90.0	207.0	3713.0	18.0	44.0	32.0	64.0	36.0	252.0	70.0	364.0	952.0	16769.5	16769.5
2021	9223.0	206.0	24.0	220.5	0.0	218.5	56.0	56.0	602.0	72.0	79.0	3713.0	18.0	52.0	28.0	64.0	32.0	238.0	70.0	350.0	980.0	16302.0	16302

- Note:
1. The sewage flow estimation set to equal zero if the interpolation and extrapolation of population forecast show negative sign.
  2. The proportion of APTW catchment of the corresponding PDZ refers to Guidelines for Estimating Sewage Flows (GESF) appendix II.

### PDZ 49 - Population and Employment Forecast From TPEDM

	Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19
2011	10250	2200	50	2600	0	2000	4950	600	650	550	150	650	300	150	250	1700	1000	450	100	2150	400
2013	10650	2460	50	2440	0	2280	5170	560	750	610	290	770	360	250	310	1860	1000	530	180	2210	580
2016	11250	2850	50	2200	0	2700	5500	500	900	700	500	950	450	400	400	2100	1000	650	300	2300	850
2021	14650	2850	50	1900	0	2550	6600	450	600	850	950	1150	700	1150	700	3450	950	1350	800	2950	1500

- Note:
1. The population forecast of Year 2011, 2016, 2021 is extracted from 2011-based (TPEDM)
  2. The population forecast of Year 2013 is interpolated from the Years in Note No. 1.
  3. The "Residential" population is the summation of "Usual Residents" and "Mobile Residents with regular residence in Hong Kong" extracted from 2011-based (TPEDM)

### PDZ 49 - ADFW Estimation

GUFF ref. of GESF		J7 & J8	J1	J2	J9	J5	J4	J4	J3	J10	J10	J3	J6	J6	J6	J12	School	General	J11	J11		Proportion to APTW Catchment	
Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19		1	
GUFF	0.23	0.04	0.08	0.63	0.33	0.23	0.08	0.28	0.18	1.58	1.58	0.18	0.08	0.08	0.08	0.08	0.28	0.28	0.28	0.28	Total (m3/day)	Total (m3/day)	
2011	2357.5	88.0	4.0	1638.0	0.0	460.0	396.0	168.0	182.0	99.0	237.0	1027.0	54.0	12.0	20.0	136.0	80.0	126.0	28.0	602.0	112.0	7826.5	7826.5
2013	2449.5	98.4	4.0	1537.2	0.0	524.4	413.6	156.8	210.0	109.8	458.2	1216.6	64.8	20.0	24.8	148.8	80.0	148.4	50.4	618.8	162.4	8496.9	8496.9
2016	2587.5	114.0	4.0	1386.0	0.0	621.0	440.0	140.0	252.0	126.0	790.0	1501.0	81.0	32.0	32.0	168.0	80.0	182.0	84.0	644.0	238.0	9502.5	9502.5
2021	3369.5	114.0	4.0	1197.0	0.0	586.5	528.0	126.0	168.0	153.0	1501.0	1817.0	126.0	92.0	56.0	276.0	76.0	378.0	224.0	826.0	420.0	12038.0	12038

- Note:
1. The sewage flow estimation set to equal zero if the interpolation and extrapolation of population forecast show negative sign.
  2. The proportion of APTW catchment of the corresponding PDZ refers to Guidelines for Estimating Sewage Flows (GESF) appendix II.

### PDZ 349 - Population and Employment Forecast From TPEDM

	Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19
2011	1650	3750	200	0	0	300	50	0	100	100	0	150	0	50	50	100	600	600	750	2550	50
2013	1690	3810	180	0	0	260	50	0	120	100	120	150	0	50	50	120	600	600	750	2490	70
2016	1750	3900	150	0	0	200	50	0	150	100	300	150	0	50	50	150	600	600	750	2400	100
2021	1700	3900	150	0	0	150	100	0	200	100	500	150	0	100	50	150	600	550	750	2200	100

- Note:
1. The population forecast of Year 2011, 2016, 2021 is extracted from 2011-based (TPEDM)
  2. The population forecast of Year 2013 is interpolated from the Years in Note No. 1.
  3. The "Residential" population is the summation of "Usual Residents" and "Mobile Residents with regular residence in Hong Kong" extracted from 2011-based (TPEDM)

### PDZ 349 - ADFW Estimation

GUFF ref. of GESF		J7 & J8	J1	J2	J9	J5	J4	J4	J3	J10	J10	J3	J6	J6	J6	J12	School	General	J11	J11		Proportion to APTW Catchment	
Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19		1	
GUFF	0.23	0.04	0.08	0.63	0.33	0.23	0.08	0.28	0.18	1.58	1.58	0.18	0.08	0.08	0.08	0.08	0.28	0.28	0.28	0.28	Total (m3/day)	Total (m3/day)	
2011	379.5	150.0	16.0	0.0	0.0	69.0	4.0	0.0	28.0	18.0	0.0	237.0	4.0	4.0	8.0	48.0	168.0	210.0	714.0	14.0	2071.5	2071.5	
2013	388.7	152.4	14.4	0.0	0.0	59.8	4.0	0.0	33.6	18.0	189.6	237.0	0.0	4.0	4.0	9.6	48.0	168.0	210.0	697.2	19.6	2257.9	2257.9
2016	402.5	156.0	12.0	0.0	0.0	46.0	4.0	0.0	42.0	18.0	474.0	237.0	0.0	4.0	4.0	12.0	48.0	168.0	210.0	672.0	28.0	2537.5	2537.5
2021	391.0	156.0	12.0	0.0	0.0	34.5	8.0	0.0	56.0	18.0	790.0	237.0	0.0	8.0	4.0	12.0	48.0	154.0	210.0	616.0	28.0	2782.5	2782.5

- Note:
1. The sewage flow estimation set to equal zero if the interpolation and extrapolation of population forecast show negative sign.
  2. The proportion of APTW catchment of the corresponding PDZ refers to Guidelines for Estimating Sewage Flows (GESF) appendix II.

### PDZ 50 - Population and Employment Forecast From TPEDM

	Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19
2011	4250	1450	0	0	0	50	50	0	50	50	0	0	0	0	250	100	0	200	0	100	1400
2013	4290	1450	0	0	0	50	50	0	50	50	0	0	0	0	250	100	0	200	0	100	1040
2016	4350	1450	0	0	0	50	50	0	50	50	0	0	0	0	250	100	0	200	0	100	500
2021	4750	1450	0	0	0	50	0	0	50	0	0	0	0	0	250	100	0	200	0	100	600

- Note:
1. The population forecast of Year 2011, 2016, 2021 is extracted from 2011-based (TPEDM)
  2. The population forecast of Year 2013 is interpolated from the Years in Note No. 1.
  3. The "Residential" population is the summation of "Usual Residents" and "Mobile Residents with regular residence in Hong Kong" extracted from 2011-based (TPEDM)

### PDZ 50 - ADFW Estimation

GUFF ref. of GESF		J7 & J8	J1	J2	J9	J5	J4	J4	J3	J10	J10	J3	J6	J6	J6	J12	School	General	J11	J11		Proportion to APTW Catchment	
	Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19		1
GUFF	0.23	0.04	0.08	0.63	0.33	0.23	0.08	0.28	0.28	0.18	1.58	1.58	0.18	0.08	0.08	0.08	0.08	0.28	0.28	0.28	0.28	Total (m3/day)	Total (m3/day)
2011	977.5	58.0	0.0	0.0	0.0	11.5	4.0	0.0	14.0	9.0	0.0	0.0	0.0	0.0	20.0	8.0	0.0	56.0	0.0	28.0	392.0	1578.0	1578
2013	986.7	58.0	0.0	0.0	0.0	11.5	4.0	0.0	14.0	9.0	0.0	0.0	0.0	0.0	20.0	8.0	0.0	56.0	0.0	28.0	291.2	1486.4	1486.4
2016	1000.5	58.0	0.0	0.0	0.0	11.5	4.0	0.0	14.0	9.0	0.0	0.0	0.0	0.0	20.0	8.0	0.0	56.0	0.0	28.0	140.0	1349.0	1349
2021	1092.5	58.0	0.0	0.0	0.0	11.5	0.0	0.0	14.0	0.0	0.0	0.0	0.0	0.0	20.0	8.0	0.0	56.0	0.0	28.0	168.0	1456.0	1456

- Note:
1. The sewage flow estimation set to equal zero if the interpolation and extrapolation of population forecast show negative sign.
  2. The proportion of APTW catchment of the corresponding PDZ refers to Guidelines for Estimating Sewage Flows (GESF) appendix II.

### PDZ 51 - Population and Employment Forecast From TPEDM

	Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19
2011	12150	1900	0	0	0	150	50	0	150	50	0	50	0	50	1000	200	0	50	100	200	3400
2013	9030	1900	0	0	0	110	50	0	170	50	0	50	0	50	1020	200	0	50	100	200	2680
2016	4350	1900	0	0	0	50	50	0	200	50	0	50	0	50	1050	200	0	50	100	200	1600
2021	11750	1900	0	0	0	100	50	0	200	50	0	50	0	50	1050	200	0	50	100	200	1650

- Note:
1. The population forecast of Year 2011, 2016, 2021 is extracted from 2011-based (TPEDM)
  2. The population forecast of Year 2013 is interpolated from the Years in Note No. 1.
  3. The "Residential" population is the summation of "Usual Residents" and "Mobile Residents with regular residence in Hong Kong" extracted from 2011-based (TPEDM)

### PDZ 51 - ADFW Estimation

GUFF ref. of GESF		J7 & J8	J1	J2	J9	J5	J4	J4	J3	J10	J10	J3	J6	J6	J6	J12	School	General	J11	J11		Proportion to APTW Catchment	
	Residential	School	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	S13	S14	S15	S16	S17	S18	S19		1
GUFF	0.23	0.04	0.08	0.63	0.33	0.23	0.08	0.28	0.28	0.18	1.58	1.58	0.18	0.08	0.08	0.08	0.08	0.28	0.28	0.28	0.28	Total (m3/day)	Total (m3/day)
2011	2794.5	76.0	0.0	0.0	0.0	34.5	4.0	0.0	42.0	9.0	0.0	79.0	0.0	4.0	80.0	16.0	0.0	14.0	28.0	56.0	952.0	4189.0	4189
2013	2076.9	76.0	0.0	0.0	0.0	25.3	4.0	0.0	47.6	9.0	0.0	79.0	0.0	4.0	81.6	16.0	0.0	14.0	28.0	56.0	750.4	3267.8	3267.8
2016	1000.5	76.0	0.0	0.0	0.0	11.5	4.0	0.0	56.0	9.0	0.0	79.0	0.0	4.0	84.0	16.0	0.0	14.0	28.0	56.0	448.0	1886.0	1886
2021	2702.5	76.0	0.0	0.0	0.0	23.0	4.0	0.0	56.0	9.0	0.0	79.0	0.0	4.0	84.0	16.0	0.0	14.0	28.0	56.0	462.0	3613.5	3613.5

- Note:
1. The sewage flow estimation set to equal zero if the interpolation and extrapolation of population forecast show negative sign.
  2. The proportion of APTW catchment of the corresponding PDZ refers to Guidelines for Estimating Sewage Flows (GESF) appendix II.