

KAWARTHA LAKES W-WW MASTER PLAN WATER AND WASTEWATER SERVICING CALCULATIONS OF PRIORITY P1	TMIG PROJECT: 10599
	DATE: 2023 7 14
	BY: JA

City's Design Criteria				
Sanitary		Water		
Residential	450	lpcd	Residential	450 lpcd
Peaking Factor	Harmon	Factor	Commercial	0.4 L/s/ha
Infiltration	0.26	L/s/ha	Institutional	0.4 L/s/ha
Commercial	0.4	L/s/ha	Industrial	0.4 L/s/ha
Industrial	0.4	L/s/ha		
School/Institutions	0.32	L/s/ha		

Category by CKL	Priority by CKL	Name of Development (limited to CKL Eng. current appl. reviews)	Type of Development	No. of Lots/Units (Based on Application)	2011 GMS #	2011 GMS Allocation	South East DC #	South east DC (SEDC)		NWT #	NWT By-Law 2015-151 (allocated more than single unit)		Area (ha)	Population	Residential (ha)	Commercial (ha)	Institutional (ha)	Sanitary				Water			
								Res Units	Com.Ha		Res Units	GFA m2						Residential Flows (L/s)	Commercial Flows (L/s)	Institutional Flows (L/s)	Total Sanitary Flows excluding infiltration (L/s)	Total Sanitary Flows including infiltration (L/s)	Average Day Residential Demand (L/s)	Average Day ICI Demand (L/s)	MDD (L/s) Max Day Factor of 1.8
Committed - Existing	P1	Springdale Gardens Phase-3/4	Residential Subdivision	71	24	188 (P.1,2,3,4)					71	0	5.58	163	5.6			0.85		0.85	2.30	0.85		1.53	
Committed - Existing	P1	Ravines of Lindsay	Residential Subdivision	146	2A, 2B	124+17=141					141		12.58	336	12.6			1.75		1.75	5.02	1.75		3.15	
Committed - Existing	P1	25 Hamilton Street - Kawartha Housing	Residential Housing, Site Plan	46									0.95	106	1.0			0.55		0.55	0.80	0.55		0.99	
Committed - Existing	P1	Skyline Appartments (16514000217469, 57M 799, Block 39)	Residential Condominium	168				1.09 (1)	199				1.58	386	1.6			2.01		2.01	2.42	2.01		3.62	
Committed - Existing	P1	Fernbrook Homes - Lindsay Street N	Residential Condominium	155	20	134					134		5.72	357	5.7			1.86		1.86	3.34	1.86		3.34	
Committed - Existing	P1	Morningside Phase-2	Residential Subdivision	101	14, 16	114	(1-12), (1-14)						6.69	232	6.7			1.21		1.21	2.95	1.21		2.18	
Committed - Existing	P1	Bloom Retirement - Fieldgate - 12 Thornhill Rd	Residential Condominium	221	Y	87					87		1.37	508	1.4			2.65		2.65	3.00	2.65		4.77	
Committed - Existing	P1	1-07-C (344 logie St., partially developed, Block 73)	Vacant Employment Land										1.33			1.33		0.00	0.53	0.53	0.88	0.00	0.53	0.53	
Committed - Existing	P1	1-07-I (165104000217572, 57M 797, Block 72)	Vacant Employment Land										1.68				1.68	0.00		0.54	0.54	0.98	0.00	0.67	0.67
Committed - Existing	P1	Sugarwood - Craft Phase-1	Residential Subdivision	215	4A						215	0	35.00	495	35.0			2.58		2.58	11.68	2.58		4.64	
Committed - Existing	P1	Sugarwood - Craft Phase-2 (Hwy 35/Colborne St West)	Residential Subdivision	122	4B	765					1000	56100		281				1.46		1.46	1.46	1.46		2.63	
Total				1245									72.49	2863.50	69.5	1.3	1.7	14.9 L/s 1289 m3/d	0.5 L/s 46 m3/d	0.5 L/s 47 m3/d	16.0 L/s 1381 m3/d	34.8 L/s 3010 m3/d	14.9 L/s 1289 m3/d	1.2 L/s 104 m3/d	28.1 L/s 2424 m3/d

KAWARTHA LAKES W-WW MASTER PLAN
 WATER AND WASTEWATER SERVICING CALCULATIONS OF PRIORITY P2A

TMIG PROJECT: 10599
 DATE: 2023 7 14
 BY: JA

City's Design Criteria			
Sanitary		Water	
Residential	450	lpcd	Residential
Peaking Factor	Harmon	Factor	Commercial
Infiltration	0.26	L/s/ha	Institutional
Commercial	0.4	L/s/ha	Industrial
Industrial	0.4	L/s/ha	
School/Institutions	0.32	L/s/ha	

Category by CKL	Priority by CKL	Name of Development (limited to CKL Eng. current appl. reviews)	Type of Development	No. of Lots/Units (Based on Application)	2011 GMS #	2011 GMS Allocation	South East DC #	South east DC (SEDC)		NWT #	NWT By-Law 2015-151 (allocated more than single unit)	Area (ha)	Population	Residential Ha	Commercial (ha)	Institutional (ha)	Sanitary				Water				
								Res Units	Com.Ha								Residential Flows (L/s)	Commercial Flows (L/s)	Instutional Flows (L/s)	Total Sanitary Flows excluding infiltration (L/s)	Total Sanitary Flows including Infiltration (L/s)	Average Day Residential Demand (L/s)	Average Day ICI Demand (L/s)	MDD (L/s) Max Day Factor of 1.8	
NWT By-Law	P2A	Woods of Jennings Creek Phase-2/3	Residential Subdivision	169	22 (all phases)	235					35+235=270	6.78	389	7				2.02			2.02	3.79	2.02	0.00	3.64
NWT By-Law	P2A	Tribute North	Residential Subdivision	1884	1	1832					1832	126.20	4333	126	2.80			22.57	1.12		23.69	56.50	22.57	1.12	41.74
NWT By-Law	P2A	Tribute South	Residential Subdivision	1032	3	839					847	73.10	2374	73	3.90			12.36	1.56		13.92	32.93	12.36	1.56	23.81
NWT By-Law	P2A	Sugarwood - Craft Phase-3-7	Residential Subdivision	399									918					4.78			4.78	4.78	4.78	0.00	8.60
NWT By-Law	P2A	Craft Commercial Block	Commercial (Hwy 35/Colborne St W)	-	4						56,100 (for all non-res GFA)	7.34			5.61				2.24		2.24	4.15	0.00	2.24	2.24
NWT By-Law	P2A	Pearson Phase 5+, Stollar (165102000150005)			6A, B, C	407					347	18.10	936	18				4.88			4.88	9.58	4.88	0.00	8.78
NWT By-Law	P2A	MTO Lands, Hwy 7 (165102000105001)			6D	574					see above	22.70	1320	23				6.88			6.88	12.78	6.88	0.00	12.38
NWT By-Law	P2A	842004 Ontario Inc. (?? Not Pat Murphy) -former springdale lagoons (165106000215100)			21	15					15	1.00	35	1				0.18			0.18	0.44	0.18	0.00	0.32
NWT By-Law	P2A	Church Block, corner of Connolly & Angeline St N (165101000387800)			25	29					12	1.90	67	2				0.35			0.35	0.84	0.35	0.00	0.63
NWT By-Law	P2A	Lafarge, Broad St, Angeline St S (165102000152300)			C	211					158	13.70	485	14				2.53			2.53	6.09	2.53	0.00	4.55
NWT By-Law	P2A	Stollar, east side St. Joseph Rd (165101000102910)			Z1	664					664	8.30	1527	8				7.95			7.95	10.11	7.95	0.00	14.32
NWT By-Law	P2A	Stollar, 35 Angeline St N			Z2	53					20	0.85	122	1				0.63			0.63	0.86	0.63	0.00	1.14
NWT By-Law	P2A	Province of Ontario, 322 Kent St W	GMS showed Stollar		Z3	128					128	1.60	294	2				1.53			1.53	1.95	1.53	0.00	2.76
NWT By-Law	P2A	236 Angeline St N (Tahiliani)			AA	29					7	0.72	67	1				0.35			0.35	0.53	0.35	0.00	0.63
NWT By-Law	P2A	21 David Dr (Kennedy, formerly Mackey)			BB	84					16	2.10	193	2				1.01			1.01	1.55	1.01	0.00	1.81
NWT By-Law	P2A	Denfield Property, CKL (165102000104200)			EE	180					180	0.48	414	0				2.16			2.16	2.28	2.16	0.00	3.88
NWT By-Law	P2A	CKL Airport (165100600209500)									9600		0		0.96			0.00	0.38		0.38	0.38	0.00	0.38	0.38
SE DC By-Law	P2A	Lepha Development - 331 Logie Street	Residential Condominium	45								1.40	104	1				0.54			0.54	0.90	0.54	0.00	0.97
SE DC By-Law	P2A	Bromont Homes (Gateway) (165100600303500;165100600304700; 165100600305000; 165100600305100)	Residential Subdivision + Commercial and Institutional	537								16.96	1235	17	1.401	1.628		6.43	0.56	0.52	7.51	11.92	6.43	1.21	12.79
SE DC By-Law	P2A	1-03 (364 Lindsay St. S)	Existing Gas Station									1.24			1.24			0.00	0.50		0.50	0.82	0.00	0.50	0.50
SE DC By-Law & 2011 GMS	P2A	multiple properties, Dobson, CKL Rd 36			15	149	(1-13)	149				9.70	343	9.7				1.78			1.78	4.31	1.78	0.00	3.21
SE DC By-Law & 2011 GMS	P2A	Bromont, formerly Rowat, Logie St.(165104000217200)			P	240		240				2.80	552	2.8				2.88			2.88	3.60	2.88	0.00	5.18
SE DC By-Law & 2011 GMS	P2A	Rivermill, Kawartha Gates, Blocks AA & U			U	70						0.80	161	0.8				0.84			0.84	1.05	0.84	0.00	1.51
SE DC By-Law & 2011 GMS	P2A	Stollar, along Scugog River, between Pottinger & Regent St (165101000329300)			X	110						1.45	253	1.5				1.32			1.32	1.69	1.32	0.00	2.37
SE DC By-Law & 2011 GMS	P2A	75 Logie St (formerly Kinrys)			FF	19		19				0.45	44	0.4				0.23			0.23	0.34	0.23	0.00	0.41
SE DC By-Law & 2011 GMS	P2A	Logie St (165104000114120)			GG	18		12				1.00	41	1.0				0.22			0.22	0.48	0.22	0.00	0.39
SE DC By-Law & 2011 GMS	P2A	Logie St, (Staples) (165104000114500)			HH	40		40				0.42	92	0.4				0.48			0.48	0.59	0.48	0.00	0.86

Category by CKL	Priority by CKL	Name of Development (limited to CKL Eng. current appl. reviews)	Type of Development	No. of Lots/Units (Based on Application)	2011 GMS #	2011 GMS Allocation	South East DC #	South east DC (SEDC)		NWT #	NWT By-Law 2015-151 (allocated more than single unit) Res Units GFA m2		Area (ha)	Population	Residential Ha	Commercial (ha)	Institutional (ha)	Residential Flows (L/s)	Commercial Flows (L/s)	Instutional Flows (L/s)	Total Sanitary Flows excluding infiltration (L/s)	Total Sanitary Flows including Infiltration (L/s)	Average Day Residential Demand (L/s)	Average Day ICI Demand (L/s)	MDD (L/s) Max Day Factor of 1.8			
								Res Units	Com.Ha		Res Units	GFA m2																
SE DC By-Law & 2011 GMS	P2A	53 Logie St			II	18		0					0.45	41	0.4						0.22	0.22	0.33	0.22	0.00	0.39		
SE DC By-Law & 2011 GMS	P2A	61 Logie St			JJ	17		16					2.00	39	2.0						0.20	0.20	0.72	0.20	0.00	0.37		
SE DC By-Law & 2011 GMS	P2A	1 Fleetwood Road, Brooklin Concrete			KK	80							2.00	184	2.0						0.96	0.96	1.48	0.96	0.00	1.73		
SE DC By-Law & 2011 GMS	P2A	School Block, Dobson & Logie (165104000114200)							2.58					0			2.58				0.00	0.83	0.83	0.83	0.00	1.03	1.03	
				7201		3135							325.54	16562.30	316.96	15.91	4.21				86.3 L/s	6.4 L/s	1.3 L/s	94.0 L/s	178.6 L/s	86.3 L/s	8.0 L/s	163.3 L/s
																					7453 m3/d	550 m3/d	116 m3/d	8119 m3/d	15432 m3/d	7453 m3/d	695 m3/d	14111 m3/d

KAWARTHA LAKES W-WW MASTER PLAN
 WATER AND WASTEWATER SERVICING CALCULATIONS OF PRIORITY P2B

TMIG PROJECT: 10599
 DATE: 2023 7 14
 BY: JA

City's Design Criteria			
Sanitary		Water	
Residential	450 lpcd	Residential	450 lpcd
Peaking Factor	Harmon Factor	Commercial	0.4 L/s/ha
Infiltration	0.26 L/s/ha	Institutional	0.4 L/s/ha
Commercial	0.4 L/s/ha	Industrial	0.4 L/s/ha
Industrial	0.4 L/s/ha		
School/Institutions	0.32 L/s/ha		

Category by CKL	Priority by CKL	Name of Development (limited to CKL Eng. current appl. reviews)	Type of Development	No. of Lots/Units (Based on Application)	2011 GMS #	2011 GMS Allocation	South East DC #	South east DC (SEDC)		NWT #	NWT By-Law 2015-151 (allocated more than single unit)	Area (ha)	Population	Residential (ha)	Commercial (ha)	Institutional (ha)	Sanitary					Water			
								Res Units	Com.Ha								Residential Flows (L/s)	Commercial Flows (L/s)	Instiutional Flows (L/s)	Total Sanitary Flows excluding infiltration (L/s)	Total Sanitary Flows including infiltration (L/s)	Average Day Residential Demand (L/s)	Average Day ICI Demand (L/s)	MDD (L/s) Max Day Factor of 1.8	
2011 GMS	P2B	100 Chadwin Drive - Colborn Street West - Condo	Residential Condominium, Site Plan	104	A	418 (all lots, blocks)						1.12	239	1				1.25			1.25	1.54	1.25	0.00	2.24
2011 GMS	P2B	Seniors Residence - Old Fairgrounds (165101000138420)	Residential Condominium, Site Plan	176	A	418 (all lots, blocks)						1.15	405	1				2.11			2.11	2.41	2.11	0.00	3.80
2011 GMS	P2B	Victoria Station - 33 Victoria Ave South	Residential Condominium	104	N	120						0.96	239	1				1.25			1.25	1.50	1.25	0.00	2.24
2011 GMS	P2B	Best Western Hotel - 140 Angeline Street South	Hotel	80	10	36						0.47	184	0				0.96			0.96	1.08	0.96	0.00	1.73
2011 GMS	P2B	Bromont Melody Gardens - Commercial - 368 Angeline St South	Commercial (Angeline/Hwy 7)	-								3.05			3.05				1.22			1.22	2.01	0.00	1.22
2011 GMS	P2B	Riverwalk, Riverview Estates (165100600600200; 165103000245605)	Residential , Condominium?	71	19A P.1, 19B P. 2	39+80						1.00	163	1				0.85052			0.85	1.11	0.85	0.00	1.53
2011 GMS	P2B	multiple properties, 30 Logie St (Womens Resources), Eastview Rd	Women's Resources, 6 apartments	6	Q	30						3.90	14	3.9				0.07			0.07	1.09	0.07	0.00	0.13
2011 GMS	P2B	Fleming College, Auk Trail (165102000150502)	(see also Best Western Hotel)		10	36						2.10	83	2.1				0.43			0.43	0.98	0.43	0.00	0.78
2011 GMS	P2B	Ibrans (formerly Pyle) - 197 St. Peter (165103000143900, 165103000143800)			26	69						4.50	159	4.5				0.83			0.83	2.00	0.83	0.00	1.49
2011 GMS	P2B	Paul Tunstell Estate, 181 St. Patrick St			W	48						1.20	110	1.2				0.58			0.58	0.89	0.58	0.00	1.04
2011 GMS	P2B	1 Needham, 2 Needham, 4 Needham, 103 St. Paul, 89 St. Paul, 87 St. Paul			V	200						0.80	460	0.8				2.40			2.40	2.60	2.40	0.00	4.31
2011 GMS	P2B	Arbour Village, 20 Green Arbour Way, MVW	multi-res		D	50						2.50	115	2.5				0.60			0.60	1.25	0.60	0.00	1.08
2011 GMS	P2B	MVW - Adelaide St. South (165102000142799)	multi-res		E	135						0.90	311	0.9				1.62			1.62	1.85	1.62	0.00	2.91
2011 GMS	P2B	100 Albert St, Terrasan, old Trent Rubber			H1	309						23.70	711	23.7				3.70			3.70	9.86	3.70	0.00	6.66
2011 GMS	P2B	45 James St,			H2	92						2.30	212	2.3				1.10			1.10	1.70	1.10	0.00	1.98
2011 GMS	P2B	multiple properties, Mary St, Hamilton St, George St, James St			H3	192						4.80	442	4.8				2.30			2.30	3.55	2.30	0.00	4.14
2011 GMS	P2B	Rexton, between Albert & Hamilton, Durham St			J	84						2.10	193	2.1				1.01			1.01	1.55	1.01	0.00	1.81
2011 GMS	P2B	multiple properties, 44 Victoria Ave, Durham St			M	8						0.20	18	0.2				0.10			0.10	0.15	0.10	0.00	0.17
				1764								56.75	4057.20	53.70	3.05	0.00		21.1 L/s	1.2 L/s	0.0 L/s	22.4 L/s	37.1 L/s	21.1 L/s	1.2 L/s	39.3 L/s
																		1826 m3/d	105 m3/d	0 m3/d	1931 m3/d	3206 m3/d	1826 m3/d	105 m3/d	3392 m3/d

KAWARTHA LAKES W-WW MASTER PLAN	TMIG PROJECT: 10599
WATER AND WASTEWATER SERVICING CALCULATIONS OF PRIORITY P3	DATE: 2023 7 14 BY: JA

City's Design Criteria			
Sanitary		Water	
Residential	450	lpcd	Residential
Peaking Factor	Harmon	Factor	Commercial
Infiltration	0.26	L/s/ha	Institutional
Commercial	0.4	L/s/ha	Industrial
Industrial	0.4	L/s/ha	
School/Institutions	0.32	L/s/ha	

Category by CKL	Priority by CKL	Name of Development (limited to CKL Eng. current appl. reviews)	Type of Development	No. of Lots/Units (Based on Application)	2011 GMS #	2011 GMS Allocation	South East DC #	South east DC (SEDC)		NWT #	NWT By-Law 2015-151 (allocated more than single unit) Res Units GFA m2	Area (ha)	Population	Commercial (ha)	Institutional (ha)	Sanitary					Water		
								Res Units	Com.Ha							Residential Flows (L/s)	Commercial Flows (L/s)	Instutional Flows (L/s)	Total Sanitary Flows excluding infiltration (L/s)	Total Sanitary Flows including Infiltration (L/s)	Average Day Residential Demand (L/s)	Average Day ICI Demand (L/s)	MDD (L/s) Max Day Factor of 1.8
2011 GMS	P3	Bromont Homes (Finney) Angeline GMS+MZO (165100600123300)	Residential Subdivision	938	11	308						35.10	2157			11.24			11.24	20.36	11.24	0.00	20.23
Others	P3	Flato - Residential (1)	Residential Subdivision	83								3.20	191			0.99			0.99	1.83	0.99	0.00	1.79
Others	P3	Flato - Comercial Colborne Street East	Commercial (Colborne E & CKL Road 36)	-								3.64		3.64			1.46		1.46	2.40	0.00	1.46	1.46
				1021								41.94	2348.30	3.64	0.00	12.2 L/s	1.5 L/s	0.0 L/s	13.7 L/s	24.6 L/s	12.2 L/s	1.5 L/s	23.5 L/s
																1057 m3/d	126 m3/d	0 m3/d	1183 m3/d	2125 m3/d	1057 m3/d	126 m3/d	2028 m3/d

KAWARTHA LAKES W-WW MASTER PLAN

WATER AND WASTEWATER SERVICING CALCULATIONS OF PRIORITY P4

TMIG PROJECT: 10599

DATE: 2023 7 14

BY: JA

City's Design Criteria			
Sanitary		Water	
Residential	450	lpcd	Residential
Peaking Factor	Harmon	Factor	Commercial
Infiltration	0.26	L/s/ha	Institutional
Commercial	0.4	L/s/ha	Industrial
Industrial	0.4	L/s/ha	
School/Institutions	0.32	L/s/ha	

Category by CKL	Priority by CKL	Name of Development (limited to CKL Eng. current appl. reviews)	Type of Development	No. of Lots/Units (Based on Application)	2011 GMS #	2011 GMS Allocation	South East DC #	South east DC (SEDC)		NWT #	NWT By-Law 2015-151 (allocated more than single unit)		Area (ha)	Development Status Nov 2022	Population	Commercial (ha)	Institutional (ha)	Sanitary					Water		
								Res Units	Com.Ha		Res Units	GFA m2						Residential Flows (L/s)	Commercial Flows (L/s)	Instutional Flows (L/s)	Total Sanitary Flows excluding infiltration (L/s)	Total Sanitary Flows including Infiltration (L/s)	Average Day Residential Demand (L/s)	Average Day ICI Demand (L/s)	MDD (L/s) Max Day Factor of 1.75
MZO - Outside Settlement	P4	Flato Residential MZO (From Memo)	Residential Subdivision	1465									501.86	MZO	3370			17.55			17.55	148.03	17.55	0.00	30.71
MZO - Outside Settlement	P4	Flato Residential MZO (Remaining)	Residential Subdivision	7375										MZO	16963			88.35			88.35	88.35	88.35	0.00	154.61
MZO - Outside Settlement	P4	Bromont Homes (Callaghan)	Residential Subdivision	1312									101.90	MZO	3018			15.72			15.72	42.21	15.72	0.00	27.50
				10152									603.76		23349.60	0.00	0.00	121.6 L/s	0.0 L/s	0.0 L/s	121.6 L/s	278.6 L/s	121.6 L/s	0.0 L/s	212.8 L/s
																		10507 m3/d	0 m3/d	0 m3/d	10507 m3/d	24070 m3/d	10507 m3/d	0 m3/d	18388 m3/d

KAWARTHA LAKES W-WW MASTER PLAN
 WATER AND WASTEWATER SERVICING CALCULATIONS OF PRIORITY P5

TMIG PROJECT: 10599
 DATE: 2023 7 14
 BY: JA

City's Design Criteria					
Sanitary			Water		
Residential	450	lpcd	Residential	450	lpcd
Peaking Factor	Harmon	Factor	Commercial	0.4	L/s/ha
Infiltration	0.26	L/s/ha	Institutional	0.4	L/s/ha
Commercial	0.4	L/s/ha	Industrial	0.4	L/s/ha
Industrial	0.4	L/s/ha			
School/Institutions	0.32	L/s/ha			

Category by CKL	Priority by CKL	Name of Development (limited to CKL Eng. current appl. reviews)	Type of Development	No. of Lots/Units (Based on Application)	2011 GMS #	2011 GMS Allocation	South East DC #	South east DC (SEDC)		NWT #	NWT By-Law 2015-151 (allocated more than single unit) Res Units GFA m2	Area (ha)	Population	Commercial (ha)	Institutional (ha)	Sanitary					Water			
								Res Units	Com.Ha							Residential Flows (L/s)	Commercial Flows (L/s)	Institutional Flows (L/s)	Total Sanitary Flows excluding infiltration (L/s)	Total Sanitary Flows including Infiltration (L/s)	Average Day Residential Demand (L/s)	Average Day ICI Demand (L/s)	MDD (L/s)	
Other Employment	P5	E-1-1	Vacant Employment Land									0.45		0.45			0.00	0.18		0.18	0.30	0.00	0.18	0.18
Other Employment	P5	E-1-10	Vacant Employment Land									2.66		2.66			0.00	1.06		1.06	1.76	0.00	1.06	1.06
Other Employment	P5	E-1-11	Vacant Employment Land									3.33		3.33			0.00	1.33		1.33	2.20	0.00	1.33	1.33
Other Employment	P5	E-1-12	Vacant Employment Land									3.56		3.56			0.00	1.42		1.42	2.35	0.00	1.42	1.42
Other Employment	P5	E-1-13	Vacant Employment Land									4.53		4.53			0.00	1.81		1.81	2.99	0.00	1.81	1.81
Other Employment	P5	E-1-14	Vacant Employment Land									8.39		8.39			0.00	3.36		3.36	5.54	0.00	3.36	3.36
Other Employment	P5	E-1-15	Vacant Employment Land									14.23		14.23			0.00	5.69		5.69	9.39	0.00	5.69	5.69
Other Employment	P5	E-1-16	Vacant Employment Land									44.73		44.73			0.00	17.89		17.89	29.52	0.00	17.89	17.89
Other Employment	P5	E-1-17	Vacant Employment Land									57.72		57.72			0.00	23.09		23.09	38.09	0.00	23.09	23.09
Other Employment	P5	E-1-2	Vacant Employment Land									0.49		0.49			0.00	0.20		0.20	0.32	0.00	0.20	0.20
Other Employment	P5	E-1-3	Vacant Employment Land									0.80		0.80			0.00	0.32		0.32	0.53	0.00	0.32	0.32
Other Employment	P5	E-1-4	Vacant Employment Land									0.86		0.86			0.00	0.35		0.35	0.57	0.00	0.35	0.35
Other Employment	P5	E-1-5	Vacant Employment Land									1.04		1.04			0.00	0.42		0.42	0.69	0.00	0.42	0.42
Other Employment	P5	E-1-6	Vacant Employment Land									1.23		1.23			0.00	0.49		0.49	0.81	0.00	0.49	0.49
Other Employment	P5	E-1-7	Vacant Employment Land									1.31		1.31			0.00	0.52		0.52	0.86	0.00	0.52	0.52
Other Employment	P5	E-1-8	Vacant Employment Land									1.34		1.34			0.00	0.53		0.53	0.88	0.00	0.53	0.53
Other Employment	P5	E-1-9	Vacant Employment Land									1.76		1.76			0.00	0.70		0.70	1.16	0.00	0.70	0.70
Other Employment	P5	E-2-1	Vacant Employment Land									0.70		0.70			0.00	0.28		0.28	0.46	0.00	0.28	0.28
				0								149.13		149.13	0.00		0.0 L/s	59.7 L/s	0.0 L/s	59.7 L/s	98.4 L/s	0.0 L/s	59.7 L/s	59.7 L/s
																	0 m3/d	5154 m3/d	0 m3/d	5154 m3/d	8504 m3/d	0 m3/d	5154 m3/d	5154 m3/d

Category	Index	Name_Dev	Type of Development	No. of Lots/Units (Based on Application)	2011 GMS #	2011 GMS Allocation	Area (ha)	Development Status Nov 2022	Potential Build-Out Timeline (best guess, no commitments, subject to variables)	Population	Commercial (ha)	Institutional (ha)	Sanitary					Water				Status	Rationale of Status	Source
													Infiltration	Residential Flows (L/s)	Commercial Flows (L/s)	Institutional Flows (L/s)	Total Sanitary Flows (L/s)	Average Day Residential Demand (L/s)	Average Day ICI Demand (L/s)	MDD (L/s)	PHD (L/s)			
Committed - Future	BOB-G-ARI	Arizona Heights Phase-2	Residential Subdivision	70			3.89	DPA, no agreement	2023-2033	161			1.01	0.84		0.00	1.85	0.84		1.68	2.52	Future	No agreement for Development Status, Buildout time up to 2033	Planning Developments as of November 2022
Committed - Future	BOB-G-ROK	Rokeyby (Remianing Draft Plan Approved)	Residential Subdivision	153	4		14.23	DPA, no agreement	2025+	352			3.70	1.83		0.00	5.53	1.83		3.67	5.50	Future	Post 2024 Buildout, no agreement for development status	Planning Developments as of November 2022
Committed - Future	BOB-G-RIV	Riverside Heights-Apex	Residential Subdivision	63	10 & Part of F	141	5.6	DPA, no agreement	2023-2032	145			1.46	0.75		0.00	2.21	0.75		1.51	2.26	Future	No agreement for Development Status, Buildout time up to 2032	Planning Developments as of November 2022
Committed - Future	BOB-C-KAW	Kawartha Dairy Expansion	Commercial, Site Plan	-			2.3	?	2025+		2.3		0.60		0.92	0.00	1.52		0.92	0.00	0.00	Future	Post 2024 Buildout	Planning Developments as of November 2022
Committed - Existing	BOB-G-1A	Rokeyby Phase-1A	Residential Subdivision	68	3		6	Agreement	2022-2032	156			1.56	0.81		0.00	2.37	0.81		1.63	2.44	Existing	Development Status in Agreement, Buildout timing is 2022 - 2032	Planning Developments as of November 2022
Committed - Existing	BOB-G-POR	Port 32 Marshall Homes - Condo	Residential Condominium, Site Plan	48			1.69	Agreement	2021-2023	110			0.44	0.58		0.00	1.01	0.58		1.15	1.73	Existing	Agreement in Development Status	Planning Developments as of November 2022
2011 GMS	BOB-I-A				A	53	3.8		Post 2031 Buildout	122			0.99	0.63		0.00	1.62	0.63		1.27	1.90	2011 GMS	As per CKL - Part of 2011 GMS	From Bobcaygeon Figure of 2011 GMS. Development Phase from previous model
2011 GMS	BOB-I-B				B	63	4.5		Post 2031 Buildout	145			1.17	0.75		0.00	1.92	0.75		1.51	2.26	2011 GMS	As per CKL - Part of 2011 GMS	From Bobcaygeon Figure of 2011 GMS. Development Phase from previous model
2011 GMS	BOB-I-C				C	63	4.5		Post 2031 Buildout	145			1.17	0.75		0.00	1.92	0.75		1.51	2.26	2011 GMS	As per CKL - Part of 2011 GMS	From Bobcaygeon Figure of 2011 GMS. Development Phase from previous model
2011 GMS	BOB-I-D				D	6	0.2		Post 2031 Buildout	14			0.05	0.07		0.00	0.12	0.07		0.14	0.22	2011 GMS	As per CKL - Part of 2011 GMS	From Bobcaygeon Figure of 2011 GMS. Development Phase from previous model
2011 GMS	BOB-I-E				E	4	0.2		Post 2031 Buildout	9			0.05	0.05		0.00	0.10	0.05		0.10	0.14	2011 GMS	As per CKL - Part of 2011 GMS	From Bobcaygeon Figure of 2011 GMS. Development Phase from previous model
2011 GMS	BOB-I-F	Bobcaygeon Heights			F	112	8.5		Post 2031 Buildout	258			2.21	1.34		0.00	3.55	1.34		2.68	4.03	2011 GMS	As per CKL - Part of 2011 GMS	From Bobcaygeon Figure of 2011 GMS. Development Phase from previous model
2011 GMS	BOB-I-G				G	145	10.4		Post 2031 Buildout	334			2.70	1.74		0.00	4.44	1.74		3.47	5.21	2011 GMS	As per CKL - Part of 2011 GMS	From Bobcaygeon Figure of 2011 GMS. Development Phase from previous model
2011 GMS	BOB-I-H				H	26	0.8		Post 2031 Buildout	60			0.21	0.31		0.00	0.52	0.31		0.62	0.93	2011 GMS	As per CKL - Part of 2011 GMS	From Bobcaygeon Figure of 2011 GMS. Development Phase from previous model
2011 GMS	BOB-I-I	TRP			I	60	1.6		2026	138			0.42	0.72		0.00	1.13	0.72		1.44	2.16	2011 GMS	As per CKL - Part of 2011 GMS	From Bobcaygeon Figure of 2011 GMS. Development Phase from previous model
2011 GMS	BOB-G-6	Bobcaygeon Shores			6	271	32		2016, 2021, and 2026	623			8.32	3.25		0.00	11.57	3.25		6.49	9.74	2011 GMS	As per CKL - Part of 2011 GMS	From Bobcaygeon Figure of 2011 GMS. Development Phase from previous model
2011 GMS	BOB-G-1				1	80	5.7		Post 2031 Buildout	184			1.48	0.96		0.00	2.44	0.96		1.92	2.88	2011 GMS	As per CKL - Part of 2011 GMS	From Bobcaygeon Figure of 2011 GMS. Development Phase from previous model
2011 GMS	BOB-G-2				2	526	37.6		Post 2031 Buildout	1210			9.78	6.30		0.00	16.08	6.30		12.60	18.90	2011 GMS	As per CKL - Part of 2011 GMS	From Bobcaygeon Figure of 2011 GMS. Development Phase from previous model
2011 GMS	BOB-G-5				5	214	15.3		Post 2031 Buildout	492			3.98	2.56		0.00	6.54	2.56		5.13	7.69	2011 GMS	As per CKL - Part of 2011 GMS	From Bobcaygeon Figure of 2011 GMS. Development Phase from previous model
2011 GMS	BOB-G-7	Biglieri Group			7	304	10.2		2031	699			2.65	3.64		0.00	6.29	3.64		7.28	10.93	2011 GMS	As per CKL - Part of 2011 GMS	From Bobcaygeon Figure of 2011 GMS. Development Phase from previous model
2011 GMS	BOB-G-8	Port 32			8	93	12.6		Post 2031 Buildout	214			3.28	1.11		0.00	4.39	1.11		2.23	3.34	2011 GMS	As per CKL - Part of 2011 GMS	From Bobcaygeon Figure of 2011 GMS. Development Phase from previous model
2011 GMS	BOB-G-9	Biglieri Group			9	240	16.5		Post 2031 Buildout	552			4.29	2.88		0.00	7.17	2.88		5.75	8.63	2011 GMS	As per CKL - Part of 2011 GMS	From Bobcaygeon Figure of 2011 GMS. Development Phase from previous model

Appendix C - Fenelon Falls Planning Information

Category	Index	Name_Dev	Type_of_Dev	No. of Lots/Units (Based on Application)	2011 GMS #	2011 GMS Allocation	Area (ha)	Development Status Nov 2022	Potential Build-Out Timeline (best guess, no commitments, subject to variables)	Population	Sanitary					Water			Status	Rationale of Status	Source
											Infiltration	Residential Flows (L/s)	Commercial Flows (L/s)	Institutional Flows (L/s)	Total Sanitary Flows (L/s)	Average Day Residential Demand (L/s)	MDD (L/s) Max Day Factor of 2	PHD (L/s) Factor of 3			
Committed - Existing	FEN-MUSK	Muskoka D&M - West Street, Fenelon	Residential	86			1.94	Agreement	2022-2024	198	0.50	1.03		0.00	1.03	1.03	2.06	3.09	Existing	Agreement in Development Status	Planning Developments as of November 2022
Committed - Existing	FEN-MOOR	The Moorings on Cameron- 99 Louisa	Residential	57	F		1.72	pending agreement	2022-2024	131	0.45	0.68		0.00	0.68	0.68	1.37	2.05	Existing	Agreement is pending, however buildout is 2022 - 2022	Planning Developments as of November 2022
Committed - Existing	FEN-MUR	106 Murray Street	Residential	30	D			pending agreement	2023-2025	69	0.00	0.36		0.00	0.36	0.36	0.72	1.08	Existing	Agreement is pending, however buildout is 2022 - 2022	Planning Developments as of November 2022
2011 GMS	FEN-I-G	Jackett	Residential		G	62	3.2			143	0.83	0.74		0.00	0.74	0.74	1.49	2.23	2011 GMS	As per CKL 2011 GMS	
2011 GMS	FEN-I-A	Ironstone Developments	Residential		A	17	0.4			39	0.10	0.20		0.00	0.20	0.20	0.41	0.61	2011 GMS	As per CKL 2011 GMS	
2011 GMS	FEN-I-B	Sugarbush Villas	Residential		B	12	0.4			28	0.10	0.14		0.00	0.14	0.14	0.29	0.43	2011 GMS	As per CKL 2011 GMS	
2011 GMS	FEN-I-C	Faila	Residential		C	25	0.6			58	0.16	0.30		0.00	0.30	0.30	0.60	0.90	2011 GMS	As per CKL 2011 GMS	
2011 GMS	FEN-I-E	2165744 Ont Inc.	Residential		E	106	3.7			244	0.96	1.27		0.00	1.27	1.27	2.54	3.81	2011 GMS	As per CKL 2011 GMS	
2011 GMS	FEN-I-H		Residential		H	22	3.1			51	0.81	0.26		0.00	0.26	0.26	0.53	0.79	2011 GMS	As per CKL 2011 GMS	
2011 GMS	FEN-G-6	Stantron Group	Residential		6	37	3.1			85	0.81	0.44		0.00	0.44	0.44	0.89	1.33	2011 GMS	As per CKL 2011 GMS	
2011 GMS	FEN-G-1	Black Bear Estates/Windsong Properties	Residential		1	41	3.4			94	0.88	0.49		0.00	0.49	0.49	0.98	1.47	2011 GMS	As per CKL 2011 GMS	
2011 GMS	FEN-G-2	Ombra	Residential		3	7	5.3			16	1.38	0.08		0.00	0.08	0.08	0.17	0.25	2011 GMS	As per CKL 2011 GMS	
2011 GMS	FEN-G-3		Residential		2	136	11.4			313	2.96	1.63		0.00	1.63	1.63	3.26	4.89	2011 GMS	As per CKL 2011 GMS	
2011 GMS	FEN-G-4		Residential		4	310	26.1			713	6.79	3.71		0.00	3.71	3.71	7.43	11.14	2011 GMS	As per CKL 2011 GMS	
2011 GMS	FEN-G-5	Northern Colours	Residential		5	9	1.1			21	0.29	0.11		0.00	0.11	0.11	0.22	0.32	2011 GMS	As per CKL 2011 GMS	