

Table 1
Township of Mapleton
Drayton Wastewater Service
Capital Budget Forecast
 Inflated \$

Description	Total	Budget 2015	Forecast									
			2016	2017	2018	2019	2020	2021	2022	2023	2024	
Capital Expenditures												
Sewer Camera & Smoke Testing Work	250,000	250,000	-	-	-	-	-	-	-	-	-	-
Sewer Lining Work	250,000	250,000	-	-	-	-	-	-	-	-	-	-
Stormwater Diversion	260,200	50,000	51,000	52,000	53,100	54,100	-	-	-	-	-	-
Confined Space Equipment	3,000	3,000	-	-	-	-	-	-	-	-	-	-
Stationary Electric Hoist	5,000	5,000	-	-	-	-	-	-	-	-	-	-
Update alarm system	5,000	5,000	-	-	-	-	-	-	-	-	-	-
Sludge Removal	1,785,900	-	-	-	560,300	-	-	-	594,600	-	-	631,000
Rate Study and Financial Plan	8,950	3,450	-	-	-	-	-	5,500	-	-	-	-
Provision for Future Capital - Facilities	357,100	-	-	41,600	42,400	43,300	44,200	45,000	45,900	46,900	47,800	47,800
Provision for Future Capital - Mains	446,500	-	-	52,000	53,100	54,100	55,200	56,300	57,400	58,600	59,800	59,800
WPCP												
Wastewater EA	120,000	120,000	-	-	-	-	-	-	-	-	-	-
Wastewater Optimization	120,000	120,000	-	-	-	-	-	-	-	-	-	-
Rehabilitation of Sand Filters WPCP	16,000	16,000	-	-	-	-	-	-	-	-	-	-
Growth Projects												
Wastewater Capacity Increase	1,660,000	28,000	1,632,000	-	-	-	-	-	-	-	-	-
Operations/Maintenance Facility (share)	20,625	20,625	-	-	-	-	-	-	-	-	-	-
King St. Main Oversizing	127,500	-	127,500	-	-	-	-	-	-	-	-	-
Sanitary River Crossing King St to Pumping Stn	450,500	-	-	-	-	-	-	450,500	-	-	-	-
Total Capital Expenditures	5,886,275	871,075	1,810,500	145,600	708,900	151,500	104,900	1,146,400	103,300	105,500	738,600	738,600
Capital Financing												
Provincial/Federal Grants	-	-	-	-	-	-	-	-	-	-	-	-
Non-Growth Related Debenture Requirements	2,415,900	432,000	-	-	558,900	-	-	846,200	-	-	-	578,800
Growth Related Debenture Requirements	1,700,000	-	1,519,800	-	-	-	-	180,200	-	-	-	-
Development Charges Reserve Fund	153,825	153,825	-	-	-	-	-	-	-	-	-	-
Reserve Fund - Drayton Serviced Water and Sewer (35420) - Sewer Only	130,258	130,258	-	-	-	-	-	-	-	-	-	-
Reserve - Sewers Drayton (35230)	164,260	-	164,260	-	-	-	-	-	-	-	-	-
Wastewater Lifecycle Reserve Fund - Mains & Facilities (35430 & 35435)	1,322,032	154,992	126,440	145,600	150,000	151,500	104,900	120,000	103,300	105,500	159,800	159,800
Total Capital Financing	5,886,275	871,075	1,810,500	145,600	708,900	151,500	104,900	1,146,400	103,300	105,500	738,600	738,600

Table 2
Township of Mapleton
Drayton Wastewater Service
Schedule of Non-Growth Related Debenture Repayments
 Inflated \$

Debenture Year	Principal (Inflated)	Budget 2015	Forecast									
			2016	2017	2018	2019	2020	2021	2022	2023	2024	
2015	432,000		31,787	31,787	31,787	31,787	31,787	31,787	31,787	31,787	31,787	31,787
2016	-			-	-	-	-	-	-	-	-	-
2017	-											
2018	558,900					41,125	41,125	41,125	41,125	41,125	41,125	41,125
2019	-											
2020	-											
2021	846,200									62,265	62,265	62,265
2022	-											
2023	-											
2024	578,800											
Total Annual Debt Charges	1,983,900	-	31,787	31,787	31,787	72,912	72,912	72,912	135,177	135,177	135,177	135,177

Table 3
Township of Mapleton
Drayton Wastewater Service
Schedule of Growth Related Debenture Repayments
 Inflated \$

Debenture Year	Principal (Inflated)	Budget 2015	Forecast									
			2016	2017	2018	2019	2020	2021	2022	2023	2024	
2015	-		-	-	-	-	-	-	-	-	-	-
2016	1,519,800			111,830	111,830	111,830	111,830	111,830	111,830	111,830	111,830	111,830
2017	-											
2018	-											
2019	-											
2020	-											
2021	180,200									13,259	13,259	13,259
2022	-											
2023	-											
2024	-											
Total Annual Debt Charges	1,700,000	-	-	111,830	111,830	111,830	111,830	111,830	111,830	125,089	125,089	125,089

Table 4
Township of Mapleton
Drayton Wastewater Service
Wastewater Reserves/ Reserve Funds Continuity
 Inflated \$

Wastewater Development Charges Reserve Fund	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Opening Balance	210,697	116,435	212,225	170,559	130,347	91,620	54,445	18,882	(28,417)	(74,131)
Development Charge Proceeds	91,526	93,352	95,224	97,139	99,069	101,049	103,069	105,135	107,246	109,403
Transfer to Capital - Drayton	153,825	-	-	-	-	-	-	-	-	-
Transfer to Capital - Moorefield	33,300	-	-	-	-	-	-	-	-	-
Transfer to Operating - Drayton	-	-	111,830	111,830	111,830	111,830	111,830	125,089	125,089	125,089
Transfer to Operating - Moorefield	-	-	27,019	27,019	27,019	27,019	27,019	27,019	27,019	27,019
Closing Balance	115,098	209,787	168,600	128,850	90,568	53,820	18,665	(28,091)	(73,279)	(116,836)
Interest	1,337	2,438	1,959	1,497	1,052	625	217	(326)	(852)	(1,358)
Required from Development Charges - Drayton	153,825	1,519,800	-	-	-	-	180,200	-	-	-
Required from Development Charges - Moorefield	33,300	367,200	-	-	-	-	-	-	-	-

Reserve Fund - Drayton Serviced Water and Sewer (35420) - Sewer Only	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Opening Balance	130,258	-	-	-	-	-	-	-	-	-
Transfer from Operating	-	-	-	-	-	-	-	-	-	-
Transfer to Capital	130,258	-	-	-	-	-	-	-	-	-
Transfer to Operating	-	-	-	-	-	-	-	-	-	-
Closing Balance	-	-	-	-	-	-	-	-	-	-
Interest	-	-	-	-	-	-	-	-	-	-

Reserve - Sewers Drayton (35230)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Opening Balance	164,260	164,260	-	-	-	-	-	-	-	-
Transfer from Operating	-	-	-	-	-	-	-	-	-	-
Transfer to Capital	-	164,260	-	-	-	-	-	-	-	-
Transfer to Operating	-	-	-	-	-	-	-	-	-	-
Closing Balance	164,260	-	-	-	-	-	-	-	-	-
Interest	-	-	-	-	-	-	-	-	-	-

Reserve Fund - Drayton Sewers Future Capital Expend. (35425)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Opening Balance	37,382	-	-	-	-	-	-	-	-	-
Transfer from Operating	-	-	-	-	-	-	-	-	-	-
Transfer to Capital	-	-	-	-	-	-	-	-	-	-
Transfer to Reserve (35430)	37,382	-	-	-	-	-	-	-	-	-
Transfer to Operating	-	-	-	-	-	-	-	-	-	-
Closing Balance	-	-	-	-	-	-	-	-	-	-
Interest	-	-	-	-	-	-	-	-	-	-

Wastewater Lifecycle Reserve Fund - Drayton Mains and Facilities (35430 and 35435)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Opening Balance	799,017	741,137	690,128	645,183	624,031	585,824	623,041	670,700	717,696	790,688
Transfer from Operating	51,217	67,503	93,243	121,680	106,563	134,961	159,954	142,052	169,410	197,385
Transfer from Reserve Fund (35425)	37,382	-	-	-	-	-	-	-	-	-
Transfer to Capital	154,992	126,440	145,600	150,000	151,500	104,900	120,000	103,300	105,500	159,800
Transfer to Operating	-	-	-	-	-	-	-	-	-	-
Closing Balance	732,624	682,201	637,771	616,863	579,094	615,885	662,996	709,452	781,606	828,274
Interest	8,513	7,928	7,411	7,168	6,729	7,157	7,704	8,244	9,083	9,625

Table 5
Township of Mapleton
Drayton Wastewater Services
Operating Budget Forecast
 Inflated \$

Description	Budget 2015	Forecast								
		2016	2017	2018	2019	2020	2021	2022	2023	2024
EXPENDITURES										
Operating Costs										
<u>Wages and Benefits</u>										
Wages/Salary	19,000	19,400	19,800	20,200	20,600	21,000	21,400	21,800	22,200	22,600
Canada Pension	600	600	600	600	600	600	600	600	600	600
Employment Insurance	300	300	300	300	300	300	300	300	300	300
Workplace Safety and Insurance	400	400	400	400	400	400	400	400	400	400
RSP/OMERS	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
Employee Health Tax	300	300	300	300	300	300	300	300	300	300
Benefits	800	800	800	800	800	800	800	800	800	800
<u>Materials, Supplies, Services, Rents</u>										
Education/Seminars/Convention	70	100	100	100	100	100	100	100	100	100
Membership Fees	180	200	200	200	200	200	200	200	200	200
Insurance	1,710	1,800	1,900	2,000	2,100	2,200	2,300	2,400	2,500	2,600
Utilities	38,520	40,400	42,400	44,500	46,700	49,000	51,500	54,100	56,800	59,600
Telephone/Communications	1,460	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Postage/Courier service	1,240	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300	1,300
Advertising	340	300	300	300	300	300	300	300	300	300
Materials and Supplies	1,040	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Repairs and Maintenance	2,080	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100
Computer-Maintenance	320	300	300	300	300	300	300	300	300	300
Equipment-Maintenance	6,820	7,000	7,100	7,200	7,300	7,400	7,500	7,700	7,900	8,100
Equipment-Parts/Tools	180	200	200	200	200	200	200	200	200	200
Building Maintenance	240	200	200	200	200	200	200	200	200	200
Building and Property Taxes	5,210	5,300	5,400	5,500	5,600	5,700	5,800	5,900	6,000	6,100
Dept. Clothing and Apparel	230	200	200	200	200	200	200	200	200	200
Miscellaneous	520	500	500	500	500	500	500	500	500	500
<u>Operations, Testing, Maintenance</u>										
Contracts	50,560	58,100	59,300	60,500	61,700	62,900	64,200	65,500	66,800	68,100
Additional Services-Operator	5,200	5,300	5,400	5,500	5,600	5,700	5,800	5,900	6,000	6,100
Engineer Expense	39,160	39,900	40,700	41,500	42,300	43,100	44,000	44,900	45,800	46,700
Lagoon Costs	36,610	37,300	38,000	38,800	39,600	40,400	41,200	42,000	42,800	43,700
Line Maintenance	2,700	2,800	2,900	3,000	3,100	3,200	3,300	3,400	3,500	3,600
			-	-	-	-	-	-	-	-
<i>Sub Total Operating</i>	<i>217,190</i>	<i>229,100</i>	<i>234,700</i>	<i>240,500</i>	<i>246,400</i>	<i>252,400</i>	<i>258,800</i>	<i>265,400</i>	<i>272,100</i>	<i>279,000</i>
Capital-Related										
<u>Debentures</u>										
Existing Debt (Principal) - Cell 4 Land	41,800	41,800	41,800	41,800	41,800	41,800	41,800	41,800	41,800	41,800
Existing Debt (Interest) - Cell 4 Land	28,067	26,393	24,789	23,108	21,433	19,909	18,014	16,341	14,707	13,061
Existing Debt (Principal) - Cell 4 Expansion	50,560	51,350	52,930	53,720	55,300	56,090	57,670	40,802	42,114	43,468
Existing Debt (Interest) - Cell 4 Expansion	24,891	23,922	22,813	21,546	20,115	18,513	16,749	14,999	13,249	11,986
New Growth Related Debt (Principal)	-	-	55,202	57,410	59,707	62,095	64,579	75,125	78,130	81,255
New Growth Related Debt (Interest)	-	-	56,627	54,419	52,123	49,735	47,251	49,964	46,959	43,834
New Non-Growth Related Debt (Principal)	-	15,088	15,691	16,319	38,928	40,486	42,105	81,184	84,431	87,808
New Non-Growth Related Debt (Interest)	-	16,700	16,096	15,469	33,984	32,427	30,807	53,993	50,746	47,369
<u>Transfers</u>										
Transfer to Reserve - Sewers Drayton (35230)	-	-	-	-	-	-	-	-	-	-
Transfer to Lifecycle Reserve - Mains & Facilities (35430 & 35435)	51,217	67,503	93,243	121,680	106,563	134,961	159,954	142,052	169,410	197,385
<i>Sub Total Capital Related</i>	<i>196,535</i>	<i>242,756</i>	<i>379,192</i>	<i>405,472</i>	<i>429,952</i>	<i>456,014</i>	<i>478,929</i>	<i>516,260</i>	<i>541,545</i>	<i>567,966</i>
Total Expenditures	413,725	471,856	613,892	645,972	676,352	708,414	737,729	781,660	813,645	846,966

Revenues										
<i>Operating Revenue</i>										
Penalties and Interest	840	900	900	900	900	900	900	900	900	900
Water/Sewer Certificates	320	300	300	300	300	300	300	300	300	300
Sewer Hookup	1,040	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Recovery of Existing Debt from General Administration	34,933	34,097	33,294	32,454	31,616	30,854	29,907	29,070	28,253	27,430
Transfer from Development Charges Reserve Fund	-	-	111,830	111,830	111,830	111,830	111,830	125,089	125,089	125,089
Sub Total Operating Revenue	37,133	36,397	147,424	146,584	145,746	144,984	144,037	156,459	155,642	154,819
<i>Billing Revenue</i>										
Flat Rate	173,465	-	-	-	-	-	-	-	-	-
Base Charge	59,225	124,305	130,345	136,577	143,007	149,639	156,479	163,533	170,807	178,306
Consumptive Charge	143,901	311,155	336,123	362,811	387,600	413,791	437,213	461,668	487,196	513,841
Sub Total Billing Revenue	376,591	435,459	466,468	499,388	530,607	563,430	593,692	625,201	658,003	692,147
Total Revenue	413,725	471,856	613,892	645,972	676,352	708,414	737,729	781,660	813,645	846,966

Note: Conversion to metered based billing assumed for July 1, 2015

Table 6
Township of Mapleton
Drayton Wastewater Services
Wastewater Rate Forecast
 Inflated \$

Description	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Total Wastewater Billing Recovery	143,901	311,155	336,123	362,811	387,600	413,791	437,213	461,668	487,196	513,841
Total Flows (m ³)	74,949	154,343	158,788	163,234	167,680	172,126	176,571	181,017	185,463	189,908
Constant Rate (m ³)	\$ 1.92	\$ 2.02	\$ 2.12	\$ 2.22	\$ 2.31	\$ 2.40	\$ 2.48	\$ 2.55	\$ 2.63	\$ 2.71
Annual Percentage Change		5.0%	5.0%	5.0%	4.0%	4.0%	3.0%	3.0%	3.0%	3.0%

Description	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Monthly Base Charge:										
5/8" or 3/4"	13.00	13.26	13.53	13.80	14.07	14.35	14.64	14.93	15.23	15.54
1"	18.20	18.56	18.94	19.31	19.70	20.09	20.50	20.91	21.32	21.75
1 1/2"	23.40	23.87	24.35	24.83	25.33	25.84	26.35	26.88	27.42	27.97
2"	37.70	38.45	39.22	40.01	40.81	41.62	42.46	43.31	44.17	45.05
3"	143.00	145.86	148.78	151.75	154.79	157.88	161.04	164.26	167.55	170.90
4"	182.00	185.64	189.35	193.14	197.00	200.94	204.96	209.06	213.24	217.51
6"	273.00	278.46	284.03	289.71	295.50	301.41	307.44	313.59	319.86	326.26
8"	377.00	384.54	392.23	400.08	408.08	416.24	424.56	433.05	441.72	450.55
Annual Percentage Change		2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%

Table 7
Township of Mapleton
Moorefield Wastewater Service
Capital Budget Forecast
 Inflated \$

Description	Total	Budget 2015	Forecast									
			2016	2017	2018	2019	2020	2021	2022	2023	2024	
Capital Expenditures												
Portable Electric Hoist for Pump Removal	5,000	5,000	-	-	-	-	-	-	-	-	-	-
Spare Sewage Pump	35,000	35,000	-	-	-	-	-	-	-	-	-	-
Sludge Removal	446,600	-	-	-	140,100	-	-	148,700	-	-	-	157,800
Provision for Future Capital - Facilities	89,300	-	-	10,400	10,600	10,800	11,000	11,300	11,500	11,700	12,000	-
Pump Replacement	38,600	-	-	-	-	-	38,600	-	-	-	-	-
Rate Study and Financial Plan	8,950	3,450	-	-	-	-	5,500	-	-	-	-	-
WPCP												
Wastewater EA	30,000	30,000	-	-	-	-	-	-	-	-	-	-
Wastewater Optimization	30,000	30,000	-	-	-	-	-	-	-	-	-	-
Rehabilitation of Sand Filters WPCP	4,000	4,000	-	-	-	-	-	-	-	-	-	-
Growth Projects												
Wastewater Capacity Increase	415,000	7,000	408,000	-	-	-	-	-	-	-	-	-
Total Capital Expenditures	1,102,450	114,450	408,000	10,400	150,700	10,800	55,100	160,000	11,500	11,700	11,700	169,800
Capital Financing												
Provincial/Federal Grants	-	-	-	-	-	-	-	-	-	-	-	-
Non-Growth Related Debenture Requirements	515,677	69,077	-	-	140,100	-	-	148,700	-	-	-	157,800
Growth Related Debenture Requirements	367,200	-	367,200	-	-	-	-	-	-	-	-	-
Development Charges Reserve Fund	33,300	33,300	-	-	-	-	-	-	-	-	-	-
Transfer to Reserve - Sewers Moorefield (35245)	(31,940)	(31,940)	-	-	-	-	-	-	-	-	-	-
Wastewater Lifecycle Reserve Fund - Mains & Facilities (35465 & 35470)	218,213	44,013	40,800	10,400	10,600	10,800	55,100	11,300	11,500	11,700	12,000	-
Total Capital Financing	1,102,450	114,450	408,000	10,400	150,700	10,800	55,100	160,000	11,500	11,700	11,700	169,800

Table 8
Township of Mapleton
Moorefield Wastewater Service
Schedule of Non-Growth Related Debenture Repayments
 Inflated \$

Debenture Year	Principal (Inflated)	Budget 2015	Forecast								
			2016	2017	2018	2019	2020	2021	2022	2023	2024
2015	69,077		5,083	5,083	5,083	5,083	5,083	5,083	5,083	5,083	5,083
2016	-			-	-	-	-	-	-	-	-
2017	-			-	-	-	-	-	-	-	-
2018	140,100					10,309	10,309	10,309	10,309	10,309	10,309
2019	-						-	-	-	-	-
2020	-							-	-	-	-
2021	148,700								10,942	10,942	10,942
2022	-									-	-
2023	-										-
2024	157,800										-
Total Annual Debt Charges	446,600	-	5,083	5,083	5,083	15,392	15,392	15,392	26,333	26,333	26,333

Table 9
Township of Mapleton
Moorefield Wastewater Service
Schedule of Growth Related Debenture Repayments
 Inflated \$

Debenture Year	Principal (Inflated)	Budget 2015	Forecast								
			2016	2017	2018	2019	2020	2021	2022	2023	2024
2015	-		-	-	-	-	-	-	-	-	-
2016	367,200			27,019	27,019	27,019	27,019	27,019	27,019	27,019	27,019
2017	-				-	-	-	-	-	-	-
2018	-					-	-	-	-	-	-
2019	-						-	-	-	-	-
2020	-							-	-	-	-
2021	-								-	-	-
2022	-									-	-
2023	-										-
2024	-										-
Total Annual Debt Charges	367,200	-	-	27,019	27,019	27,019	27,019	27,019	27,019	27,019	27,019

Table 10
Township of Mapleton
Moorefield Wastewater Service
Wastewater Reserves/ Reserve Funds Continuity
 Inflated \$

Reserve - Sewers Moorefield (35245)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Opening Balance	(31,940)	-	-	-	-	-	-	-	-	-
Transfer from Operating	-	-	-	-	-	-	-	-	-	-
Transfer to Capital	(31,940)	-	-	-	-	-	-	-	-	-
Transfer to Operating	-	-	-	-	-	-	-	-	-	-
Closing Balance	-	-	-	-	-	-	-	-	-	-
Interest	-	-	-	-	-	-	-	-	-	-

Wastewater Lifecycle Reserve Fund - Moorefield Mains/Facilities (35465/35470)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Opening Balance	71,839	31,688	(8,697)	(15,175)	(5,180)	14,276	(17,093)	44,301	116,957	214,093
Transfer from Operating	3,498	515	4,096	20,655	30,092	23,928	72,185	82,812	106,377	131,187
Transfer to Capital	44,013	40,800	10,400	10,600	10,800	55,100	11,300	11,500	11,700	12,000
Transfer to Operating	-	-	-	-	-	-	-	-	-	-
Closing Balance	31,324	(8,597)	(15,001)	(5,120)	14,112	(16,896)	43,793	115,613	211,633	333,280
Interest	364	(100)	(174)	(60)	164	(196)	509	1,343	2,459	3,873

Table 11
Township of Mapleton
Moorefield Wastewater Services
Operating Budget Forecast
 Inflated \$

Description	Budget 2015	Forecast								
		2016	2017	2018	2019	2020	2021	2022	2023	2024
EXPENDITURES										
Operating Costs										
<u>Wages and Benefits</u>										
Wages/Salary	10,700	10,900	11,100	11,300	11,500	11,700	11,900	12,100	12,300	12,500
Canada Pension	500	500	500	500	500	500	500	500	500	500
Employment Insurance	300	300	300	300	300	300	300	300	300	300
Workplace Safety and Insurance	400	400	400	400	400	400	400	400	400	400
RSP/OMERS	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Employee Health Tax	300	300	300	300	300	300	300	300	300	300
Benefits	800	800	800	800	800	800	800	800	800	800
<u>Materials, Supplies, Services, Rents</u>										
Insurance	460	500	500	500	500	500	500	500	500	500
Utilities	9,360	9,800	10,300	10,800	11,300	11,900	12,500	13,100	13,800	14,500
Telephone/Communications	1,040	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Postage/Courier service	410	400	400	400	400	400	400	400	400	400
Advertising	170	200	200	200	200	200	200	200	200	200
Materials and Supplies	3,120	3,200	3,300	3,400	3,500	3,600	3,700	3,800	3,900	4,000
Repairs and Maintenance	2,080	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100	2,100
Computer-Maintenance	240	200	200	200	200	200	200	200	200	200
Equipment-Maintenance	3,140	3,200	3,300	3,400	3,500	3,600	3,700	3,800	3,900	4,000
Equipment Charge - E1 Pumps	17,690	18,000	18,400	18,800	19,200	19,600	20,000	20,400	20,800	21,200
Equipment-Parts/Tools	80	100	100	100	100	100	100	100	100	100
Building-Snow Removal	60	100	100	100	100	100	100	100	100	100
Building and Property Taxes	1,390	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
<u>Operations, Testing, Maintenance</u>										
Contracts	27,570	31,700	32,300	32,900	33,600	34,300	35,000	35,700	36,400	37,100
Additional Services-Operator	240	200	200	200	200	200	200	200	200	200
Engineer Expense	6,120	6,200	6,300	6,400	6,500	6,600	6,700	6,800	6,900	7,000
Lagoon Costs	6,590	6,700	6,800	6,900	7,000	7,100	7,200	7,300	7,400	7,500
Line Maintenance	5,200	5,300	5,400	5,500	5,600	5,700	5,800	5,900	6,000	6,100
<i>Sub Total Operating</i>	<i>99,060</i>	<i>104,700</i>	<i>106,900</i>	<i>109,100</i>	<i>111,400</i>	<i>113,800</i>	<i>116,200</i>	<i>118,600</i>	<i>121,100</i>	<i>123,600</i>

Capital-Related											
Debentures											
Existing Debt (Principal) - Servicing	96,000	-	-	-	-	-	-	-	-	-	-
Existing Debt (Interest) - Servicing	4,272	-	-	-	-	-	-	-	-	-	-
Existing Debt (Principal) - Cell 4 Land	5,700	5,700	5,700	5,700	5,700	5,700	5,700	5,700	5,700	5,700	5,700
Existing Debt (Interest) - Cell 4 Land	3,827	3,599	3,380	3,151	2,923	2,715	2,457	2,228	2,005	1,781	
Existing Debt (Principal) - Cell 4 Expansion	13,440	13,650	14,070	14,280	14,700	14,910	15,330	15,790	16,264	16,752	
Existing Debt (Interest) - Cell 4 Expansion	6,617	6,359	6,064	5,728	5,347	4,921	4,452	4,319	4,189	4,063	
New Growth Related Debt (Principal)	-	-	13,337	13,871	14,426	15,003	15,603	16,227	16,876	17,551	
New Growth Related Debt (Interest)	-	-	13,682	13,148	12,593	12,016	11,416	10,792	10,143	9,468	
New Non-Growth Related Debt (Principal)	-	2,413	2,509	2,609	8,218	8,546	8,888	15,815	16,448	17,106	
New Non-Growth Related Debt (Interest)	-	2,670	2,574	2,473	7,174	6,845	6,503	10,518	9,886	9,228	
Transfers											
Transfer to General Reserve (Loan Repayment)	-	-	-	-	-	27,400	-	-	-	-	-
Transfer to Reserve - Sewers Moorefield (35245)	-	-	-	-	-	-	-	-	-	-	-
Transfer to Lifecycle Reserve - Mains & Facilities (35465 & 35470)	3,498	515	4,096	20,655	30,092	23,928	72,185	82,812	106,377	131,187	
Sub Total Capital Related	133,353	34,906	65,413	81,615	101,172	121,985	142,535	164,201	187,887	212,836	
Total Expenditures	232,413	139,606	172,313	190,715	212,572	235,785	258,735	282,801	308,987	336,436	
Revenues											
Operating Revenue											
Other Revenue	-	-	-	-	-	-	-	-	-	-	-
Penalties and Interest	280	300	300	300	300	300	300	300	300	300	
Water/Sewer Certificates	80	100	100	100	100	100	100	100	100	100	
Sewer Hookup	80	100	100	100	100	100	100	100	100	100	
Miscellaneous	5,200	5,300	5,400	5,500	5,600	5,700	5,800	5,900	6,000	6,100	
Transfer from General Reserve (Loan)	22,000	5,400	-	-	-	-	-	-	-	-	
Long Term Debt Recovery (collected from Taxation)	96,000	-	-	-	-	-	-	-	-	-	
Transfer from Development Charges Reserve Fund	-	-	27,019	27,019	27,019	27,019	27,019	27,019	27,019	27,019	
Transfer from Reserves / Reserve Funds	-	-	-	-	-	-	-	-	-	-	
Sub Total Operating Revenue	123,640	11,200	32,919	33,019	33,119	33,219	33,319	33,419	33,519	33,619	
Billing Revenue											
Flate Rate	48,995	-	-	-	-	-	-	-	-	-	
Base Charge	15,246	32,020	33,971	37,516	41,968	46,583	51,367	56,322	61,667	67,202	
Consumptive Charge	44,532	96,386	105,422	120,180	137,485	155,982	174,049	193,059	213,801	235,614	
Sub Total Billing Revenue	108,773	128,406	139,393	157,696	179,453	202,565	225,415	249,382	275,468	302,817	
Total Revenue	232,413	139,606	172,313	190,715	212,572	235,785	258,735	282,801	308,987	336,436	

Note: Conversion to metered based billing assumed for July 1, 2015

Table 12
Township of Mapleton
Moorefield Wastewater Services
Wastewater Rate Forecast
 Inflated \$

Description	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Total Wastewater Billing Recovery	44,532	96,386	105,422	120,180	137,485	155,982	174,049	193,059	213,801	235,614
Total Flows (m ³)	18,177	37,468	39,029	42,374	46,611	50,848	55,085	59,322	63,782	68,242
Constant Rate (m ³)	\$ 2.45	\$ 2.57	\$ 2.70	\$ 2.84	\$ 2.95	\$ 3.07	\$ 3.16	\$ 3.25	\$ 3.35	\$ 3.45
Annual Percentage Change		5.0%	5.0%	5.0%	4.0%	4.0%	3.0%	3.0%	3.0%	3.0%

Description	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Monthly Base Charge:										
5/8" or 3/4"	15.00	15.30	15.61	15.92	16.24	16.56	16.89	17.23	17.57	17.93
1"	21.00	21.42	21.85	22.29	22.73	23.19	23.65	24.12	24.60	25.10
1 ½"	27.00	27.54	28.09	28.65	29.23	29.81	30.41	31.01	31.63	32.27
2"	43.50	44.37	45.26	46.16	47.09	48.03	48.99	49.97	50.97	51.99
3"	165.00	168.30	171.67	175.10	178.60	182.17	185.82	189.53	193.32	197.19
4"	210.00	214.20	218.48	222.85	227.31	231.86	236.49	241.22	246.05	250.97
6"	315.00	321.30	327.73	334.28	340.97	347.79	354.74	361.84	369.07	376.45
8"	435.00	443.70	452.57	461.63	470.86	480.28	489.88	499.68	509.67	519.87
Annual Percentage Change		2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%

Table 13
Township of Mapleton
Combined Wastewater Service
Capital Expenditures
 Inflated \$

Description	Total	Budget 2015	Forecast									
			2016	2017	2018	2019	2020	2021	2022	2023	2024	
Capital Expenditures												
Drayton												
Sewer Camera & Smoke Testing Work	250,000	250,000	-	-	-	-	-	-	-	-	-	-
Sewer Lining Work	250,000	250,000	-	-	-	-	-	-	-	-	-	-
Stormwater Diversion	260,200	50,000	51,000	52,000	53,100	54,100	-	-	-	-	-	-
Confined Space Equipment	3,000	3,000	-	-	-	-	-	-	-	-	-	-
Stationary Electric Hoist	5,000	5,000	-	-	-	-	-	-	-	-	-	-
Update alarm system	5,000	5,000	-	-	-	-	-	-	-	-	-	-
Sludge Removal	1,785,900	-	-	-	560,300	-	-	594,600	-	-	-	631,000
Rate Study and Financial Plan	8,950	3,450	-	-	-	-	5,500	-	-	-	-	-
Provision for Future Capital - Facilities	357,100	-	-	41,600	42,400	43,300	44,200	45,000	45,900	46,900	47,800	-
Provision for Future Capital - Mains	446,500	-	-	52,000	53,100	54,100	55,200	56,300	57,400	58,600	59,800	-
Moorefield												
Portable Electric Hoist for Pump Removal	5,000	5,000	-	-	-	-	-	-	-	-	-	-
Spare Sewage Pump	35,000	35,000	-	-	-	-	-	-	-	-	-	-
Sludge Removal	446,600	-	-	-	140,100	-	-	148,700	-	-	-	157,800
Provision for Future Capital - Facilities	89,300	-	-	10,400	10,600	10,800	11,000	11,300	11,500	11,700	12,000	-
Pump Replacement	38,600	-	-	-	-	-	38,600	-	-	-	-	-
Rate Study and Financial Plan	8,950	3,450	-	-	-	-	5,500	-	-	-	-	-
WPCP												
Wastewater EA	150,000	150,000	-	-	-	-	-	-	-	-	-	-
Wastewater Optimization	150,000	150,000	-	-	-	-	-	-	-	-	-	-
Rehabilitation of Sand Filters WPCP	20,000	20,000	-	-	-	-	-	-	-	-	-	-
Growth Projects												
Wastewater Capacity Increase	2,075,000	35,000	2,040,000	-	-	-	-	-	-	-	-	-
Operations/Maintenance Facility (share)	20,625	20,625	-	-	-	-	-	-	-	-	-	-
King St. Main Oversizing	127,500	-	127,500	-	-	-	-	-	-	-	-	-
Sanitary River Crossing King St to Pumping Stn	450,500	-	-	-	-	-	-	450,500	-	-	-	-
Total Capital Expenditures	6,988,725	985,525	2,218,500	156,000	859,600	162,300	160,000	1,306,400	114,800	117,200	908,400	
Capital Financing												
Provincial/Federal Grants	-	-	-	-	-	-	-	-	-	-	-	-
Non-Growth Related Debenture Requirements	2,135,900	462,000	-	-	589,600	-	-	625,900	-	-	-	458,400
Growth Related Debenture Requirements	2,067,200	-	1,887,000	-	-	-	-	180,200	-	-	-	-
Development Charges Reserve Fund	187,125	187,125	-	-	-	-	-	-	-	-	-	-
Reserve Fund - Drayton Serviced Water and Sewer (35420) - Sewer Only	130,258	130,258	-	-	-	-	-	-	-	-	-	-
Reserve - Sewers Drayton (35230)	132,320	-	132,320	-	-	-	-	-	-	-	-	-
Wastewater Lifecycle Reserve Fund - Mains & Facilities	2,335,921	206,141	199,180	156,000	270,000	162,300	160,000	500,300	114,800	117,200	450,000	-
Total Capital Financing	6,988,725	985,525	2,218,500	156,000	859,600	162,300	160,000	1,306,400	114,800	117,200	908,400	

Table 14
Township of Mapleton
Combined Wastewater Service
Schedule of Non-Growth Related Debenture Repayments
Inflated \$

Debenture Year	Principal (Inflated)	Budget 2015	Forecast								
			2016	2017	2018	2019	2020	2021	2022	2023	2024
2015	462,000		33,995	33,995	33,995	33,995	33,995	33,995	33,995	33,995	33,995
2016	-			-	-	-	-	-	-	-	-
2017	-				-	-	-	-	-	-	-
2018	589,600					43,384	43,384	43,384	43,384	43,384	43,384
2019	-						-	-	-	-	-
2020	-							-	-	-	-
2021	625,900								46,055	46,055	46,055
2022	-									-	-
2023	-										-
2024	458,400										-
Total Annual Debt Charges	1,673,900	-	33,995	33,995	33,995	77,379	77,379	77,379	123,433	123,433	123,433

Table 15
Township of Mapleton
Combined Wastewater Service
Schedule of Growth Related Debenture Repayments
Inflated \$

Debenture Year	Principal (Inflated)	Budget 2015	Forecast								
			2016	2017	2018	2019	2020	2021	2022	2023	2024
2015	-		-	-	-	-	-	-	-	-	-
2016	1,887,000			138,849	138,849	138,849	138,849	138,849	138,849	138,849	138,849
2017	-				-	-	-	-	-	-	-
2018	-					-	-	-	-	-	-
2019	-						-	-	-	-	-
2020	-							-	-	-	-
2021	180,200								13,259	13,259	13,259
2022	-									-	-
2023	-										-
2024	-										-
Total Annual Debt Charges	2,067,200	-	-	138,849	138,849	138,849	138,849	138,849	152,108	152,108	152,108

Table 16
Township of Mapleton
Combined Wastewater Service
Wastewater Reserves/ Reserve Funds Continuity
 Inflated \$

Wastewater Development Charges Reserve Fund	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Opening Balance	210,697	116,435	212,225	170,559	130,347	91,620	54,445	18,882	(28,417)	(74,131)
Development Charge Proceeds	91,526	93,352	95,224	97,139	99,069	101,049	103,069	105,135	107,246	109,403
Transfer to Capital	187,125	-	-	-	-	-	-	-	-	-
Transfer to Operating	-	-	138,849	138,849	138,849	138,849	138,849	152,108	152,108	152,108
Closing Balance	115,098	209,787	168,600	128,850	90,568	53,820	18,665	(28,091)	(73,279)	(116,836)
Interest	1,337	2,438	1,959	1,497	1,052	625	217	(326)	(852)	(1,358)
Required from Development Charges	187,125	1,887,000	-	-	-	-	180,200	-	-	-

Reserve Fund - Drayton Serviced Water and Sewer (35420) - Sewer Only	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Opening Balance	130,258	-	-	-	-	-	-	-	-	-
Transfer from Operating	-	-	-	-	-	-	-	-	-	-
Transfer to Capital	130,258	-	-	-	-	-	-	-	-	-
Transfer to Operating	-	-	-	-	-	-	-	-	-	-
Closing Balance	-	-	-	-	-	-	-	-	-	-
Interest	-	-	-	-	-	-	-	-	-	-

Reserve - Sewers Drayton (35230) & Moorefield (35245)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Opening Balance	132,320	132,320	-	-	-	-	-	-	-	-
Transfer from Operating	-	-	-	-	-	-	-	-	-	-
Transfer to Capital	-	132,320	-	-	-	-	-	-	-	-
Transfer to Operating	-	-	-	-	-	-	-	-	-	-
Closing Balance	132,320	-	-	-	-	-	-	-	-	-
Interest	-	-	-	-	-	-	-	-	-	-

Reserve Fund - Drayton Sewers Future Capital Expend. (35425)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Opening Balance	37,382	-	-	-	-	-	-	-	-	-
Transfer from Operating	-	-	-	-	-	-	-	-	-	-
Transfer to Capital	-	-	-	-	-	-	-	-	-	-
Transfer to Reserve (35430)	37,382	-	-	-	-	-	-	-	-	-
Transfer to Operating	-	-	-	-	-	-	-	-	-	-
Closing Balance	-	-	-	-	-	-	-	-	-	-
Interest	-	-	-	-	-	-	-	-	-	-

Wastewater Lifecycle Reserve Fund - Mains/Facilities (35430, 35465, 35435 & 35470)	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Opening Balance	870,856	755,273	653,970	631,798	540,664	560,176	632,929	408,852	592,462	827,412
Transfer from Operating	44,500	90,365	126,570	172,656	175,377	225,483	271,527	291,604	342,646	395,353
Transfer from Reserve Fund (35425)	37,382	-	-	-	-	-	-	-	-	-
Transfer to Capital	206,141	199,180	156,000	270,000	162,300	160,000	500,300	114,800	117,200	450,000
Transfer to Operating	-	-	-	-	-	-	-	-	-	-
Closing Balance	746,597	646,458	624,540	534,454	553,741	625,658	404,156	585,656	817,908	772,765
Interest	8,676	7,512	7,257	6,211	6,435	7,270	4,697	6,806	9,505	8,980

Table 17
Township of Mapleton
Combined Wastewater Service
Operating Budget Forecast
 Inflated \$

Description	Budget 2015	Forecast								
		2016	2017	2018	2019	2020	2021	2022	2023	2024
EXPENDITURES										
Operating Costs										
<u>Wages and Benefits</u>										
Wages/Salary	29,700	30,300	30,900	31,500	32,100	32,700	33,400	34,100	34,800	35,500
Canada Pension	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Employment Insurance	600	600	600	600	600	600	600	600	600	600
Workplace Safety and Insurance	800	800	800	800	800	800	800	800	800	800
RSP/OMERS	2,500	2,600	2,700	2,800	2,900	3,000	3,100	3,200	3,300	3,400
Employee Health Tax	600	600	600	600	600	600	600	600	600	600
Benefits	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600	1,600
<u>Materials, Supplies, Services, Rents</u>										
Education/Seminars/Convention	70	100	100	100	100	100	100	100	100	100
Membership Fees	180	200	200	200	200	200	200	200	200	200
Insurance	2,170	2,300	2,400	2,500	2,600	2,700	2,800	2,900	3,000	3,200
Utilities	47,880	50,300	52,800	55,400	58,200	61,100	64,200	67,400	70,800	74,300
Telephone/Communications	2,500	2,600	2,700	2,800	2,900	3,000	3,100	3,200	3,300	3,400
Postage/Courier service	1,650	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700	1,700
Advertising	510	500	500	500	500	500	500	500	500	500
Materials and Supplies	4,160	4,200	4,300	4,400	4,500	4,600	4,700	4,800	4,900	5,000
Repairs and Maintenance	4,160	4,200	4,300	4,400	4,500	4,600	4,700	4,800	4,900	5,000
Computer-Maintenance	560	600	600	600	600	600	600	600	600	600
Equipment-Maintenance	9,960	10,200	10,400	10,600	10,800	11,000	11,200	11,400	11,600	11,800
Equipment Charge - E1 Pumps	17,690	18,000	18,400	18,800	19,200	19,600	20,000	20,400	20,800	21,200
Equipment-Parts/Tools	260	300	300	300	300	300	300	300	300	300
Building Maintenance	300	300	300	300	300	300	300	300	300	300
Building and Property Taxes	6,600	6,700	6,800	6,900	7,000	7,100	7,200	7,300	7,400	7,500
Dept. Clothing and Apparel	230	200	200	200	200	200	200	200	200	200
Miscellaneous	520	500	500	500	500	500	500	500	500	500
<u>Operations, Testing, Maintenance</u>										
Contracts	78,130	89,800	91,600	93,400	95,300	97,200	99,100	101,100	103,100	105,200
Additional Services-Operator	5,440	5,500	5,600	5,700	5,800	5,900	6,000	6,100	6,200	6,300
Engineer Expense	45,280	46,200	47,100	48,000	49,000	50,000	51,000	52,000	53,000	54,100
Lagoon Costs	43,200	44,100	45,000	45,900	46,800	47,700	48,700	49,700	50,700	51,700
Line Maintenance	7,900	8,100	8,300	8,500	8,700	8,900	9,100	9,300	9,500	9,700
Sub Total Operating	316,250	334,200	342,400	350,700	359,400	368,200	377,400	386,800	396,400	406,400
Capital-Related										
<u>Debentures</u>										
Existing Debt (Principal) - Servicing	96,000	-	-	-	-	-	-	-	-	-
Existing Debt (Interest) - Servicing	4,272	-	-	-	-	-	-	-	-	-
Existing Debt (Principal) - Cell 4 Land	47,500	47,500	47,500	47,500	47,500	47,500	47,500	47,500	47,500	47,500
Existing Debt (Interest) - Cell 4 Land	31,894	29,992	28,169	26,260	24,355	22,624	20,471	18,569	16,712	14,842
Existing Debt (Principal) - Cell 4 Expansion	64,000	65,000	67,000	68,000	70,000	71,000	73,000	56,592	58,378	60,220
Existing Debt (Interest) - Cell 4 Expansion	31,508	30,282	28,878	27,274	25,462	23,434	21,201	19,318	17,438	16,049
New Growth Related Debt (Principal)	-	-	68,540	71,281	74,132	77,098	80,182	91,352	95,006	98,807
New Growth Related Debt (Interest)	-	-	70,309	67,568	64,716	61,751	58,667	60,756	57,102	53,302
New Non-Growth Related Debt (Principal)	-	16,135	16,781	17,452	41,313	42,966	44,684	74,131	77,096	80,180
New Non-Growth Related Debt (Interest)	-	17,859	17,214	16,543	36,066	34,413	32,694	49,303	46,337	43,253
<u>Transfers</u>										
Transfer to Reserve - Sewers Drayton (35230)	-	-	-	-	-	-	-	-	-	-
Transfer to General Reserve (Loan Repayment)	-	-	-	-	-	-	-	-	-	-
Transfer to Lifecycle Reserve - Mains & Facilities	44,500	90,365	126,570	172,656	175,377	225,483	271,527	291,604	342,646	395,353
Sub Total Capital Related	319,673	297,134	470,961	514,533	558,921	606,268	649,926	709,125	758,215	809,505
Total Expenditures	635,923	631,334	813,361	865,233	918,321	974,468	1,027,326	1,095,925	1,154,615	1,215,905

Revenues										
<i>Operating Revenue</i>										
Other Revenue	-	-	-	-	-	-	-	-	-	-
Penalties and Interest	1,120	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Water/Sewer Certificates	400	400	400	400	400	400	400	400	400	400
Sewer Hookup	1,120	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100	1,100
Miscellaneous	5,200	5,300	5,400	5,500	5,600	5,700	5,800	5,900	6,000	6,100
Long Term Debt Recovery (collected from Taxation)	130,933	34,097	33,294	32,454	31,616	30,854	29,907	29,070	28,253	27,430
Transfer from General Reserve (Loan)	-	-	-	-	-	-	-	-	-	-
Transfer from Development Charges Reserve Fund	-	-	138,849	138,849	138,849	138,849	138,849	152,108	152,108	152,108
Transfer from Reserves / Reserve Funds	-	-	-	-	-	-	-	-	-	-
Sub Total Operating Revenue	138,773	41,997	180,143	179,403	178,665	178,003	177,156	189,679	188,961	188,239
<i>Billing Revenue</i>										
Flat Rate	222,460	-	-	-	-	-	-	-	-	-
Base Charge	74,471	156,324	164,316	174,093	184,975	196,223	207,846	219,856	232,474	245,508
Consumptive Charge	200,219	433,013	468,901	511,737	554,681	600,242	642,324	686,391	733,180	782,158
Sub Total Billing Revenue	497,150	589,337	633,218	685,830	739,656	796,464	850,170	906,247	965,653	1,027,666
Total Revenue	635,923	631,334	813,361	865,233	918,321	974,468	1,027,326	1,095,925	1,154,615	1,215,905

Note: Conversion to metered based billing assumed for July 1, 2015

Table 18
Township of Mapleton
Combined Wastewater Service
Wastewater Rate Forecast
 Inflated \$

Description	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Total Wastewater Billing Recovery	200,219	433,013	468,901	511,737	554,681	600,242	642,324	686,391	733,180	782,158
Total Flows (m ³)	93,125	191,811	197,817	205,608	214,291	222,974	231,656	240,339	249,245	258,150
Constant Rate (m ³)	\$ 2.15	\$ 2.26	\$ 2.37	\$ 2.49	\$ 2.59	\$ 2.69	\$ 2.77	\$ 2.86	\$ 2.94	\$ 3.03
Annual Percentage Change		5.0%	5.0%	5.0%	4.0%	4.0%	3.0%	3.0%	3.0%	3.0%

Drayton Base Charge

Description	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Monthly Base Charge:										
5/8" or 3/4"	13.00	13.26	13.53	13.80	14.07	14.35	14.64	14.93	15.23	15.54
1"	18.20	18.56	18.94	19.31	19.70	20.09	20.50	20.91	21.32	21.75
1 1/2"	23.40	23.87	24.35	24.83	25.33	25.84	26.35	26.88	27.42	27.97
2"	37.70	38.45	39.22	40.01	40.81	41.62	42.46	43.31	44.17	45.05
3"	143.00	145.86	148.78	151.75	154.79	157.88	161.04	164.26	167.55	170.90
4"	182.00	185.64	189.35	193.14	197.00	200.94	204.96	209.06	213.24	217.51
6"	273.00	278.46	284.03	289.71	295.50	301.41	307.44	313.59	319.86	326.26
8"	377.00	384.54	392.23	400.08	408.08	416.24	424.56	433.05	441.72	450.55
Annual Percentage Change		2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%

Moorefield Base Charge

Description	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Monthly Base Charge:										
5/8" or 3/4"	15.00	15.30	15.61	15.92	16.24	16.56	16.89	17.23	17.57	17.93
1"	21.00	21.42	21.85	22.29	22.73	23.19	23.65	24.12	24.60	25.10
1 1/2"	27.00	27.54	28.09	28.65	29.23	29.81	30.41	31.01	31.63	32.27
2"	43.50	44.37	45.26	46.16	47.09	48.03	48.99	49.97	50.97	51.99
3"	165.00	168.30	171.67	175.10	178.60	182.17	185.82	189.53	193.32	197.19
4"	210.00	214.20	218.48	222.85	227.31	231.86	236.49	241.22	246.05	250.97
6"	315.00	321.30	327.73	334.28	340.97	347.79	354.74	361.84	369.07	376.45
8"	435.00	443.70	452.57	461.63	470.86	480.28	489.88	499.68	509.67	519.87
Annual Percentage Change		2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%	2.0%