



2025 Town of Wasaga Beach Water / Wastewater Rates Update



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Introduction

The Safe Drinking Water Act (SDWA) was passed in December, 2002 in order to address some of the recommendations made by the Walkerton Inquiry Part II report. One of the main requirements of the Act is the mandatory licensing of municipal water providers. Section 31 (1) specifically states:

“No person shall:

- a) establish a new municipal drinking water system or replace or carry out an alteration to a municipal drinking water system except under the authority of and in accordance with an approval under this Part or a drinking water works permit;

or

- b) use or operate a municipal drinking water system that was established before or after this section comes into force except under the authority of and in accordance with an approval under this Part or municipal drinking water license.”

In order to become licensed, a municipality must satisfy five key requirements as per section 44 (1):

1. Obtain a drinking water works permit.
2. Acceptance of the operational plan for the system based on the Drinking Water Quality Management Standard.
3. Accreditation of the operating authority.
4. Prepare and provide a financial plan satisfying the requirements of the SDWA.
5. Obtain permit to take water.

The preparation of a financial plan is a key requirement for licensing and as such, must be undertaken by all water providers.

O.Reg. 453/07 also provides details with regards to s.30 (1) part b of the SDWA for *existing* water systems. The requirements for existing systems are summarized as follows:

- Financial plans must be approved by Council resolution (or governing body);
- Financial plans must include a statement that the financial impacts have been considered and apply for a minimum six-year period (commencing when the system first serves the public);
- Financial plans must include details regarding proposed or projected financial operations itemized by total revenues, total expenses, annual surplus/deficit and accumulated surplus/deficit (i.e. the components of a “Statement of Operations” as per the PSAB) for each year in which the financial plans apply;
- Financial plans must present financial position itemized by total financial assets, total liabilities, net debt, non-financial assets, and tangible capital assets (i.e. the components of a “Statement of Financial Position” as per PSAB) for each year in which the financial plans apply; and Gross cash receipts/payments itemized by

operating transactions, capital transactions, investing transactions and financial transactions (i.e. the components of a “Statement of Cash Flow” as per PSAB) for each year in which the financial plans apply.

- Financial plans applicable to two or more solely-owned drinking water systems can be prepared as if they are for one drinking water system.
- Financial plans are to be made available to the public upon request and at no charge;
- If a website is maintained, financial plans are to be made available to the public through publication on the Internet at no charge.

Water/Wastewater Rate Methods

The Water/Wastewater system is a self-sustaining system where all funds generated (i.e. surplus/(deficits)) are maintained in a Reserve fund to help pay for future replacement/maintenance of the assets. The rate study helps the Town determine how much is required in the future for asset management and ensures that the system remains financially sustainable. When rates are established the responsibility to maintain/replace the system is one of the most important factors, however affordability is also a key component.

At the Town of Wasaga Beach there are two components to the Water/Wastewater Bill the first is an annual fixed (base) charge and equates to \$455.28/year (based on 2025 proposed rates) for a Single-Family Home. These fixed charges are collected mainly to pay for the operation of the system and provide a contribution to the Lifecycle reserve.

The second component of the billing is the volumetric (consumption) charge and this is based on the amount of water used by the resident. On average, for a Single-Family Home, 168m³ per year (based on 2024 usage) is used, which equates to a total amount of \$223.85/year (based on 2025 proposed rates). The volumetric portion of the billing is intended to make contributions to the Lifecycle reserve to once again ensure future sustainability.

There are many different methods to charge for water/wastewater some examples are:

- 1) Using both a fixed charge and a volumetric rate - as the Town of Wasaga Beach and many other municipalities do today;
- 2) Using only a volumetric rate i.e. an increased rate per cubic meter – generally used in larger cities where seasonal fluctuations have less impact;
- 3) Including fixed rates and using increased volumetric rates where usage goes over a particular amount i.e. in some municipalities the first 30m³ is charged at a lower rate than the next 30m³ and etc.; and
- 4) Flat rate (i.e. non-metered billing) – very few municipalities continue without meters due to the push in conservation efforts.

The Town of Wasaga Beach chose to use a Fixed/Volumetric method as it helps to ensure a more continuous revenue stream with less fluctuation in rates, since consumption patterns vary on a seasonal basis and may vary significantly from year to year.

Water/Wastewater Rate History

On April 1, 2009, the Town implemented metered water and wastewater billing and replaced flat rate billing. Metered billing is a fairer system of billing for use as customers pay for what they use and it is also an effective way to conserve water in that people can control how much they use and ultimately how much they pay.

The Town's initial rates were established based on a thorough study conducted by Economists Watson and Associates based on information available at the time. The new rates put in place were the lowest amongst the surrounding municipalities. These rates were then updated for 2011 based on further analysis by Watson and Associates based on the first 14 months of metered billing.

Since that time, the rates have been reviewed annually to ensure that we are continuing to operate in a fiscally responsible manner that addresses present and future needs.

2025 STUDY

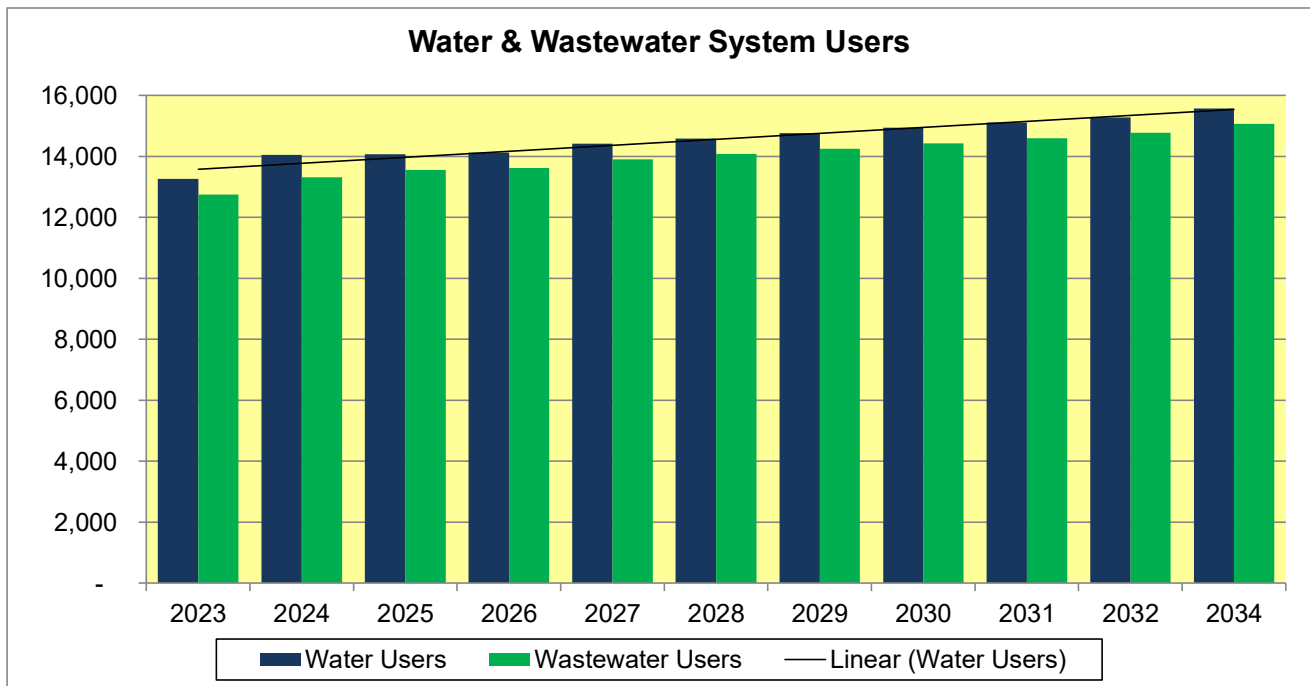
1. Assumptions

The assumptions used to conduct this year's study were based on a thorough analysis of market factors. These assumptions include:

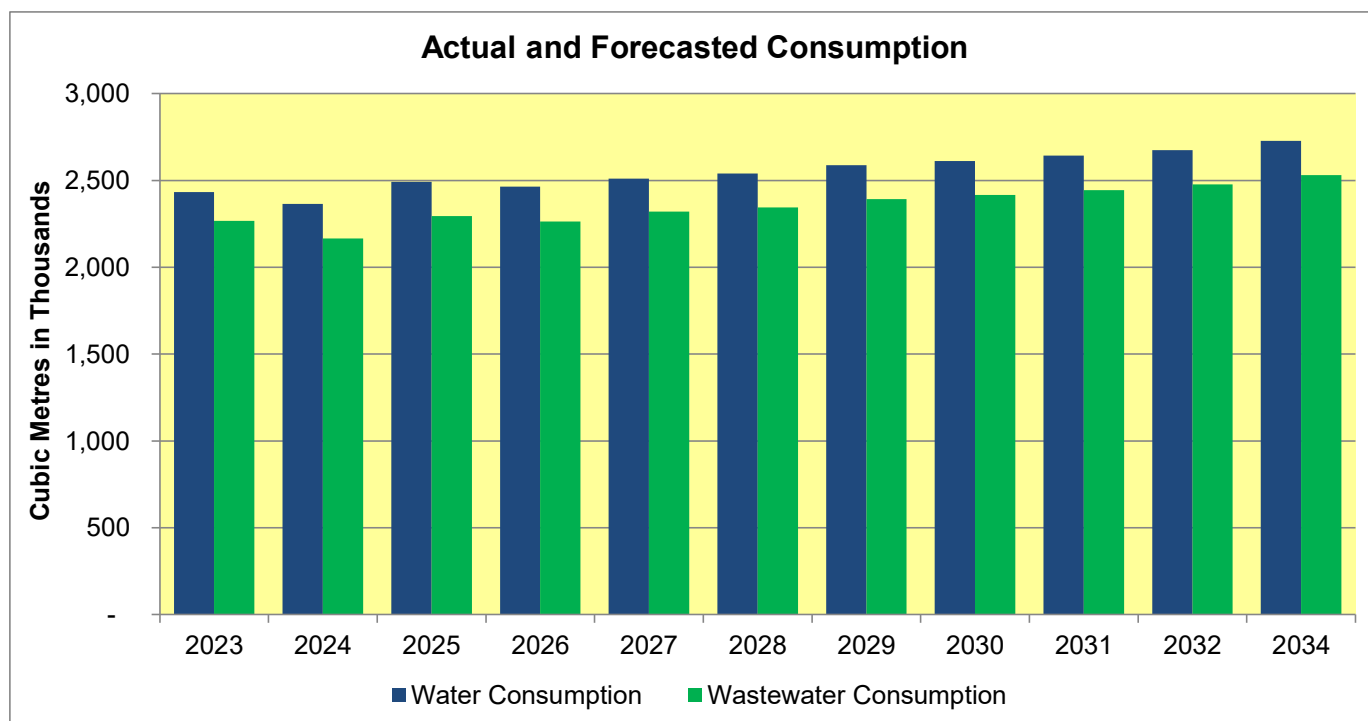
- Inflation at 2.5% per year (note that the 2024 CPI rate in October is 3.3%, however since this study is forward looking the inflation rate has been maintained at normal levels);
- Operational Costs are based on the 2024 projected year end results (note that the 2025 Budget is in progress);
- Capital Projects are based on both the staff prepared draft 2024 10 Year Plan and the 2024 Draft Ontario Clean Water Agency (OCWA) Capital Plan which forecast 2025 to 2035;
- Energy costs increase at 4 - 6% per year;
- Salaries and benefits follow the current salary grid, along with Union Contracts;
- Interest rates accumulated on investments at 2.5% per year.

2. System Users and Consumption

The study began with a detailed look at the current users of the system as well as (see Tables 1-1 & 1-2) a forecast for new users. The new users of the system were based on the 2020 Development Charge Study on a conservative basis of 80% of the new homes forecasted. The graph below depicts the number of users from 2023 to 2034. As you can see the number of users at the end of 2034 is expected to be 15,577.



Once the number of users is known, the average consumption amount is calculated based on historical data from the Town's billing system. At this point, using a rolling average, it is predicted that the average consumption levels will be approximately 168m³ in 2024.



3. Operational Revenues and Costs

There are two (2) revenue streams for the Water/Wastewater system, the fixed (base) charge and the volumetric (consumption) charge.

The base charge is calculated taking into account the expected number of users and the CPI indexed base rate from the previous year. This charge is intended to pay for the operational costs of the system with a small contribution expected for the Lifecycle Reserve (see Tables 2-1 & 2-2).

The Consumption charge is determined using the forecasted usage noted above and the expected funds that will be required to replace and repair the assets of the system.

Operational Costs are reflective of the current year's projection with inflationary factors included as noted above. Tables 3-1 and 3-2 detail the actual and forecasted costs and revenues from 2023 to 2034.

4. Asset Inventory

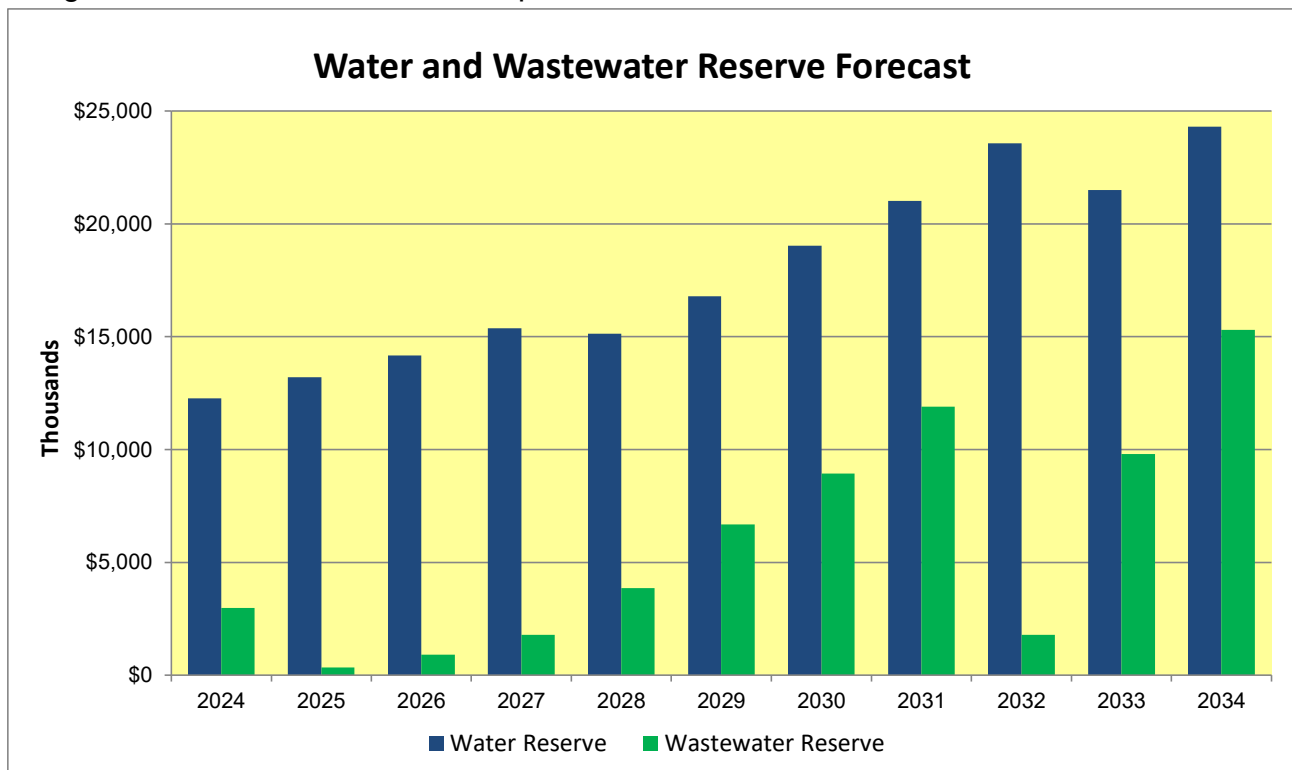
The next step of the study is to review the inventory of assets in the system and the predicted replacement requirements as well as any updates that may be needed.

Based on the assumptions provided (i.e. replacement schedule is based on the “normal” number of years an asset will last) and OCWA’s 2024 review of the asset inventory, there will be large replacement/upgrade expenditures over the next 10 years especially on the wastewater side with \$23 Million in investments required up to 2034. This investment then peaks again in the year 2059 with up to an additional \$150 Million anticipated over the following 30 years as the water-mains and sewer lines reach the end of their estimated useful lives and begin to require replacement.

It is important to note that this is based on information known at this time and the timing and cost of replacement can vary and is dependent on many factors including actual versus expected wear and tear on the system assets, inflation and the changing needs of the Town.

Using the rates calculated and the asset replacement the reserves are forecasted as noted in Tables 4-1 & 4-2. The graph below illustrates the reserve balances anticipated over the next 10 years.

While the water reserve balance is building to a healthy level in anticipation of the large projects expected in the future, there are a number of wastewater projects occurring in the short term, drawing on the wastewater reserve balance. These balances will need to be replenished to levels that will sustain the wastewater system as the large projects noted above are completed. The forecasted rates shown in Tables 2-2 and 3-2 incorporate a larger annual increase to start this process.



5. Proposed 2024 Rates

For 2025 it is being proposed that the base and consumption rates for water services increase by 5.0% to address the increased cost of operations while continuing to build the water reserve in a consistent manner to address the anticipated future investments.

As noted above, the wastewater reserves need to be replenished in order to meet the upcoming needs of the system. It is being proposed that the base and consumption rates for wastewater services increase by 13.3%.

These increases are intended to assist in the funding gap between the aging infrastructure and the contributions made to the reserves each year. New infrastructure related to new development can be funded with development charges but repairs and future replacement of those assets and existing assets are funded from reserves.

Other municipalities are experiencing similar demands on their water and wastewater reserves as the cost of operations and of capital projects increase and systems age and requiring similar increases to their rates.

Additionally, the proposed rates will assist in compensating for increased operational costs of the system as it expands. This new rate will result in an increase for the average residential home of \$60.04/year or \$5.00/month based on the 2024 average consumption rate of 168m³ (Schedule A includes the detailed rates breakdown).

Conclusion

The Town of Wasaga Beach continues to be a low-cost provider of Water/Wastewater services. Financial Sustainability is one of Council's priorities and addressing the increase in the cost of operations and the need to build reserves to meet anticipated needs is key to achieving this. Based on the proposed rates combined with regular review of forecasts as they are updated annually, the reserve replenishment recommendations and the information known today the system is expected to be financially sustainable over the next 25 years.

Table 1-1
Water System User Forecast

Total New Year Water Users	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
2024 173	-	-	121	52	173	173	173	173	173	173	173	173
2025 173	-	-	-	121	173	173	173	173	173	173	173	173
2026 173	-	-	-	-	121	173	173	173	173	173	173	173
2027 173	-	-	-	-	-	121	173	173	173	173	173	173
2028 173	-	-	-	-	-	-	121	173	173	173	173	173
2029 173	-	-	-	-	-	-	-	121	173	173	173	173
2030 173	-	-	-	-	-	-	-	-	121	173	173	173
2031 173	-	-	-	-	-	-	-	-	-	121	173	173
2032 173	-	-	-	-	-	-	-	-	-	-	121	121
2033 173	-	-	-	-	-	-	-	-	-	-	-	121
Total 1,728	-	-	121	173	467	639	812	985	1,158	1,331	1,503	1,624
m ³ / user	-	-	185	185	185	185	185	185	185	185	185	185
Annual Flow	-	-	22,426	32,037	86,499	118,536	150,573	182,610	214,647	246,684	278,720	301,146

Current Users	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Flat Rate	352	449	350	350	350	350	350	350	350	350	350	350
Conversions to Meter			(175)	(175)	(175)	(175)	(175)	(175)	(175)	(175)	(175)	(175)
Total Flat Rate	352	449	175	175	175	175	175	175	175	175	175	175
3/4" Meter (Res)	10,211	10,205	10,205	10,205	10,205	10,205	10,205	10,205	10,205	10,205	10,205	10,205
3/4" Meter (Non - Res)	108	107	107	107	107	107	107	107	107	107	107	107
Flat User Conversions	-	-	175	175	175	175	175	175	175	175	175	175
New	-	-	121	173	467	639	812	985	1,158	1,331	1,503	1,624
Total 3/4" Meter	10,319	10,312	10,608	10,660	10,953	11,126	11,299	11,472	11,645	11,817	11,990	12,111
1" Meter (Res)	805	1,496	1,496	1,496	1,496	1,496	1,496	1,496	1,496	1,496	1,496	1,496
1" Meter (Non - Res)	16	16	16	16	16	16	16	16	16	16	16	16
1.5" Meter (Res)	10	10	10	10	10	10	10	10	10	10	10	10
1.5" Meter (Non - Res)	174	172	172	172	172	172	172	172	172	172	172	172
2" Meter	68	70	70	70	70	70	70	70	70	70	70	70
4" Meter	5	6	6	6	6	6	6	6	6	6	6	6
6" Meter	17	18	18	18	18	18	18	18	18	18	18	18
Lifestyle Condo Units	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503
Total Other Meters	2,598	3,291	3,291	3,291	3,291	3,291	3,291	3,291	3,291	3,291	3,291	3,291
Grand Total	13,269	14,052	14,074	14,125	14,419	14,592	14,765	14,938	15,110	15,283	15,456	15,577

Consumer Consumption Forecast (m ³)	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing	2,431,757	2,365,022	2,468,658	2,431,212	2,424,162	2,422,263	2,436,574	2,428,553	2,428,553	2,427,888	2,428,986	2,427,888
New	-	-	22,426	32,037	86,499	118,536	150,573	182,610	214,647	246,684	278,720	301,146
Total	2,431,757	2,365,022	2,491,084	2,463,248	2,510,662	2,540,800	2,587,147	2,611,163	2,643,200	2,674,572	2,707,706	2,729,034

Table 1-2
Wastewater System User Forecast

Year	Total New WW Users	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
2024	173	-	-	121	52	173	173	173	173	173	173	173	173
2025	173	-	-	-	121	173	173	173	173	173	173	173	173
2026	173	-	-	-	-	121	173	173	173	173	173	173	173
2027	173	-	-	-	-	-	121	173	173	173	173	173	173
2028	173	-	-	-	-	-	-	121	173	173	173	173	173
2029	173	-	-	-	-	-	-	-	121	173	173	173	173
2030	173	-	-	-	-	-	-	-	-	121	173	173	173
2031	173	-	-	-	-	-	-	-	-	-	121	173	173
2032	173	-	-	-	-	-	-	-	-	-	-	121	121
2033	173	-	-	-	-	-	-	-	-	-	-	-	121
Total	1,728	-	-	121	173	467	639	812	985	1,158	1,331	1,503	1,624
m ³ / user		-	-	185	185	185	185	185	185	183	183	183	183
Annual Flow		-	-	22,426	32,037	86,499	118,536	150,573	182,610	211,614	243,198	274,782	296,891

Current Users	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Flat Rate	351	449	349	349	349	349	349	349	349	349	349	349
Conversions to Meter		(225)	(174)	(174)	(174)	(174)	(174)	(174)	(174)	(174)	(174)	(174)
Total Flat Rate	351	225	174	174	174	174	174	174	174	174	174	174
3/4" Meter (Res)	9,718	9,718	9,718	9,718	9,718	9,718	9,718	9,718	9,718	9,718	9,718	9,718
3/4" Meter (Non - Res)	103	103	103	103	103	103	103	103	103	103	103	103
Flat User Conversions	-	-	174	174	174	174	174	174	174	174	174	174
New	-	-	121	173	467	639	812	985	1,158	1,331	1,503	1,624
Total 3/4" Meter	9,821	9,821	10,116	10,168	10,462	10,635	10,807	10,980	11,153	11,326	11,499	11,620
1" Meter (Res)	792	1,482	1,482	1,482	1,482	1,482	1,482	1,482	1,482	1,482	1,482	1,482
1" Meter (Non - Res)	14	14	14	14	14	14	14	14	14	14	14	14
1.5" Meter (Res)	8	8	8	8	8	8	8	8	8	8	8	8
1.5" Meter (Non - Res)	173	173	173	173	173	173	173	173	173	173	173	173
2" Meter	66	68	68	68	68	68	68	68	68	68	68	68
4" Meter	5	6	6	6	6	6	6	6	6	6	6	6
6" Meter	16	17	17	17	17	17	17	17	17	17	17	17
Lifestyle Condo Units	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503
Total Other Meters	2,577	3,271	3,271	3,271	3,271	3,271	3,271	3,271	3,271	3,271	3,271	3,271
Grand Total	12,749	13,317	13,562	13,613	13,907	14,080	14,253	14,426	14,598	14,771	14,944	15,065

Water Consumption Forecast (m ³)	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing	2,266,287	2,166,016	2,272,298	2,231,401	2,234,001	2,225,929	2,240,907	2,233,060	2,233,060	2,233,474	2,233,060	2,233,474
New	-	-	22,426	32,037	86,499	118,536	150,573	182,610	211,614	243,198	274,782	296,891
Total	2,266,287	2,166,016	2,294,724	2,263,438	2,320,500	2,344,465	2,391,480	2,415,670	2,444,674	2,476,672	2,507,842	2,530,365

Table 2-1
Base Charges Water

3/4" (19mm) meter	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	10,319	10,312	10,312	10,312	10,312	10,312	10,312	10,312	10,312	10,312	10,312	10,312
Flat rate Conversions	-	-	175	175	175	175	175	175	175	175	175	175
New Customers	-	-	121	173	467	639	812	985	1,158	1,331	1,503	1,624
Sub-Total All Customers	10,319	10,312	10,608	10,660	10,953	11,126	11,299	11,472	11,645	11,817	11,990	12,111
Mthly Base Charge	14.94	15.54	16.32	17.14	18.00	18.90	19.85	20.84	21.88	22.97	21.88	22.97
Annual Base Charge	179.28	186.48	195.84	205.68	216.00	226.80	238.20	250.08	262.56	275.64	262.56	275.64
Sub-Total Annual Revenue	1,849,990	1,922,982	2,077,430	2,192,473	2,365,933	2,523,421	2,691,420	2,868,866	3,057,404	3,257,346	3,148,145	3,338,318

Flat Rate	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	352	449	175	175	175	175	175	175	175	175	175	175
Sub-Total All Customers	352	449	175	175	175	175	175	175	175	175	175	175
Mthly Base Charge	19.13	19.90	20.90	21.95	23.05	24.20	25.41	26.68	28.01	29.41	28.01	29.41
Annual Base Charge	229.56	238.80	250.80	263.40	276.60	290.40	304.92	320.16	336.12	352.92	336.12	352.92
Sub-Total Annual Revenue	80,805	107,221	43,848	46,051	48,359	50,772	53,310	55,975	58,765	61,702	58,765	61,702

1" (25mm) meter (Res)	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	805	1,496	1,496	1,496	1,496	1,496	1,496	1,496	1,496	1,496	1,496	1,496
Sub-Total All Customers	805	1,496	1,496	1,496	1,496	1,496	1,496	1,496	1,496	1,496	1,496	1,496
Mthly Base Charge	14.94	15.54	16.32	17.14	18.00	18.90	19.85	20.84	21.88	22.97	21.88	22.97
Annual Base Charge	179.28	186.48	195.84	205.68	216.00	226.80	238.20	250.08	262.56	275.64	262.56	275.64
Sub-Total Annual Revenue	144,320	278,974	292,977	307,697	323,136	339,293	356,347	374,120	392,790	412,357	392,790	412,357

1" (25mm) meter (Non-Res)	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	16	16	16	16	16	16	16	16	16	16	16	16
Sub-Total All Customers	16	16	16	16	16	16	16	16	16	16	16	16
Mthly Base Charge	20.92	21.76	22.85	23.99	25.19	26.45	27.77	29.16	30.62	32.15	30.62	32.15
Annual Base Charge	251.04	261.12	274.20	287.88	302.28	317.40	333.24	349.92	367.44	385.80	367.44	385.80
Sub-Total Annual Revenue	4,017	4,178	4,387	4,606	4,836	5,078	5,332	5,599	5,879	6,173	5,879	6,173

1.5" (40mm) meter (Res)	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	10	10	10	10	10	10	10	10	10	10	10	10
Sub-Total All Customers	10	10	10	10	10	10	10	10	10	10	10	10
Mthly Base Charge	14.94	15.54	16.32	17.14	18.00	18.90	19.85	20.84	21.88	22.97	21.88	22.97
Annual Base Charge	179.28	186.48	195.84	205.68	216.00	226.80	238.20	250.08	262.56	275.64	262.56	275.64
Sub-Total Annual Revenue	1,793	1,865	1,958	2,057	2,160	2,268	2,382	2,501	2,626	2,756	2,626	2,756

1.5" (40mm) meter (Non - Res)	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	174	172	172	172	172	172	172	172	172	172	172	172
Sub-Total All Customers	174	172	172	172	172	172	172	172	172	172	172	172
Mthly Base Charge	26.91	27.99	29.39	30.86	32.40	34.02	35.72	37.51	39.39	41.36	39.39	41.36
Annual Base Charge	322.92	335.88	352.68	370.32	388.80	408.24	428.64	450.12	472.68	496.32	472.68	496.32
Sub-Total Annual Revenue	56,188	57,771	60,661	63,695	66,874	70,217	73,726	77,421	81,301	85,367	81,301	85,367

Table 2-1 (cont'd)
Base Charges Water

2" (50mm) meter	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	68	70	70	70	70	70	70	70	70	70	70	70
Sub-Total All Customers	68	70	70	70	70	70	70	70	70	70	70	70
Mthly Base Charge	43.37	45.10	47.36	49.73	52.22	54.83	57.57	60.45	63.47	66.64	63.47	66.64
Annual Base Charge	520.44	541.20	568.32	596.76	626.64	657.96	690.84	725.40	761.64	799.68	761.64	799.68
Sub-Total Annual Revenue	35,390	37,884	39,782	41,773	43,865	46,057	48,359	50,778	53,315	55,978	53,315	55,978

4" (100mm) meter	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	5	6	6	6	6	6	6	6	6	6	6	6
Sub-Total All Customers	5	6	6	6	6	6	6	6	6	6	6	6
Mthly Base Charge	209.38	217.76	228.65	240.08	252.08	264.68	277.91	291.81	306.40	321.72	306.40	321.72
Annual Base Charge	2,512.56	2,613.12	2,743.80	2,880.96	3,024.96	3,176.16	3,334.92	3,501.72	3,676.80	3,860.64	3,676.80	3,860.64
Sub-Total Annual Revenue	12,563	15,679	16,463	17,286	18,150	19,057	20,010	21,010	22,061	23,164	22,061	23,164

6" (150mm) meter	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	17	18	18	18	18	18	18	18	18	18	18	18
Sub-Total All Customers	17	18	18	18	18	18	18	18	18	18	18	18
Mthly Base Charge	314.08	326.64	342.97	360.12	378.13	397.04	416.89	437.73	459.62	482.60	459.62	482.60
Annual Base Charge	3,768.96	3,919.68	4,115.64	4,321.44	4,537.56	4,764.48	5,002.68	5,252.76	5,515.44	5,791.20	5,515.44	5,791.20
Sub-Total Annual Revenue	64,072	70,554	74,082	77,786	81,676	85,761	90,048	94,550	99,278	104,242	99,278	104,242

Lifestyle/Condo Units	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503
Sub-Total All Customers	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503
Mthly Base Charge	11.22	11.67	12.25	12.86	13.50	14.18	14.89	15.63	16.41	17.23	16.41	17.23
Annual Base Charge	134.64	140.04	147.00	154.32	162.00	170.16	178.68	187.56	196.92	206.76	196.92	206.76
Sub-Total Annual Revenue	202,364	210,480	220,941	231,943	243,486	255,750	268,556	281,903	295,971	310,760	295,971	310,760

Total	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Total All Customers	13,269	14,052	14,074	14,125	14,419	14,592	14,765	14,938	15,110	15,283	15,456	15,577
Total Annual Revenue	2,451,502	2,707,588	2,832,529	2,985,368	3,198,475	3,397,674	3,609,490	3,832,721	4,069,389	4,319,845	4,160,130	4,400,817

Table 2-2
Base Charges Wastewater

3/4" (19mm) meter	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	9,821	9,821	9,821	9,821	9,821	9,821	9,821	9,821	9,821	9,821	9,821	9,821
Flat rate Conversions	-	-	174	174	174	174	174	174	174	174	174	174
New Customers	-	-	121	173	467	639	812	985	1,158	1,331	1,503	1,624
Sub-Total All Customers	9,821	9,821	10,116	10,168	10,462	10,635	10,807	10,980	11,153	11,326	11,499	11,620
Mthly Base Charge	17.63	19.08	21.62	24.50	26.95	29.65	32.62	35.88	39.47	43.42	39.47	43.42
Annual Base Charge	211.56	228.96	259.44	294.00	323.40	355.80	391.44	430.56	473.64	521.04	473.64	521.04
Sub-Total Annual Revenue	2,077,731	2,248,616	2,624,571	2,989,431	3,383,376	3,783,824	4,230,485	4,727,675	5,282,551	5,901,243	5,446,241	6,054,304

Flat Rate	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	351	225	174	174	174	174	174	174	174	174	174	174
Sub-Total All Customers	351	225	174	174	174	174	174	174	174	174	174	174
Mthly Base Charge	22.79	24.67	27.95	31.67	34.84	38.32	42.15	46.37	51.01	56.11	51.01	56.11
Annual Base Charge	273.48	296.04	335.40	380.04	418.08	459.84	505.80	556.44	612.12	673.32	612.12	673.32
Sub-Total Annual Revenue	95,991	66,461	58,471	66,254	72,885	80,165	88,178	97,006	106,713	117,382	106,713	117,382

1" (25mm) meter (Res)	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	792	1,482	1,482	1,482	1,482	1,482	1,482	1,482	1,482	1,482	1,482	1,482
Sub-Total All Customers	792	1,482	1,482	1,482	1,482	1,482	1,482	1,482	1,482	1,482	1,482	1,482
Mthly Base Charge	17.63	19.08	21.62	24.50	26.95	29.65	32.62	35.88	39.47	43.42	39.47	43.42
Annual Base Charge	211.56	228.96	259.44	294.00	323.40	355.80	391.44	430.56	473.64	521.04	473.64	521.04
Sub-Total Annual Revenue	167,556	339,319	384,490	435,708	479,279	527,296	580,114	638,090	701,934	772,181	701,934	772,181

1" (25mm) meter (Non-Res)	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	14	14	14	14	14	14	14	14	14	14	14	14
Sub-Total All Customers	14	14	14	14	14	14	14	14	14	14	14	14
Mthly Base Charge	24.64	26.67	30.22	34.24	37.66	41.43	45.57	50.13	55.14	60.65	55.14	60.65
Annual Base Charge	295.68	320.04	362.64	410.88	451.92	497.16	546.84	601.56	661.68	727.80	661.68	727.80
Sub-Total Annual Revenue	4,140	4,481	5,077	5,752	6,327	6,960	7,656	8,422	9,264	10,189	9,264	10,189

1.5" (40mm) meter (Res)	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	8	8	8	8	8	8	8	8	8	8	8	8
Sub-Total All Customers	8	8	8	8	8	8	8	8	8	8	8	8
Mthly Base Charge	17.63	19.08	21.62	24.50	26.95	29.65	32.62	35.88	39.47	43.42	39.47	43.42
Annual Base Charge	211.56	228.96	259.44	294.00	323.40	355.80	391.44	430.56	473.64	521.04	473.64	521.04
Sub-Total Annual Revenue	1,692	1,832	2,076	2,352	2,587	2,846	3,132	3,444	3,789	4,168	3,789	4,168

1.5" (40mm) meter (Non - Res)	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	173	173	173	173	173	173	173	173	173	173	173	173
Sub-Total All Customers	173	173	173	173	173	173	173	173	173	173	173	173
Mthly Base Charge	31.71	34.33	38.90	44.07	48.48	53.33	58.66	64.53	70.98	78.08	70.98	78.08
Annual Base Charge	380.52	411.96	466.80	528.84	581.76	639.96	703.92	774.36	851.76	936.96	851.76	936.96
Sub-Total Annual Revenue	65,830	71,269	80,756	91,489	100,644	110,713	121,778	133,964	147,354	162,094	147,354	162,094

Table 2-2 (cont'd)
Base Charges Wastewater

2" (50mm) meter	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	66	68	68	68	68	68	68	68	68	68	68	68
Sub-Total All Customers	66	68	68	68	68	68	68	68	68	68	68	68
Mthly Base Charge	51.08	55.29	62.64	70.97	78.07	85.88	94.47	103.92	114.31	125.74	114.31	125.74
Annual Base Charge	612.96	663.48	751.68	851.64	936.84	1,030.56	1,133.64	1,247.04	1,371.72	1,508.88	1,371.72	1,508.88
Sub-Total Annual Revenue	40,455	45,117	51,114	57,912	63,705	70,078	77,088	84,799	93,277	102,604	93,277	102,604
4" (100mm) meter	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	5	6	6	6	6	6	6	6	6	6	6	6
Sub-Total All Customers	5	6	6	6	6	6	6	6	6	6	6	6
Mthly Base Charge	246.67	267.02	302.53	342.77	377.05	414.76	456.24	501.86	552.05	607.26	552.05	607.26
Annual Base Charge	2,960.04	3,204.24	3,630.36	4,113.24	4,524.60	4,977.12	5,474.88	6,022.32	6,624.60	7,287.12	6,624.60	7,287.12
Sub-Total Annual Revenue	14,800	19,225	21,782	24,679	27,148	29,863	32,849	36,134	39,748	43,723	39,748	43,723
6" (150mm) meter	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	16	17	17	17	17	17	17	17	17	17	17	17
Sub-Total All Customers	16	17	17	17	17	17	17	17	17	17	17	17
Mthly Base Charge	369.99	400.51	453.78	514.13	565.54	622.09	684.30	752.73	828.00	910.80	828.00	910.80
Annual Base Charge	4,439.88	4,806.12	5,445.36	6,169.56	6,786.48	7,465.08	8,211.60	9,032.76	9,936.00	10,929.60	9,936.00	10,929.60
Sub-Total Annual Revenue	71,038	81,704	92,571	104,883	115,370	126,906	139,597	153,557	168,912	185,803	168,912	185,803
Lifestyle/Condo Units	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Existing Customers	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503
Sub-Total All Customers	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503
Mthly Base Charge	13.21	14.30	16.20	18.35	20.19	22.21	24.43	26.87	29.56	32.52	29.56	32.52
Annual Base Charge	158.52	171.60	194.40	220.20	242.28	266.52	293.16	322.44	354.72	390.24	354.72	390.24
Sub-Total Annual Revenue	238,256	257,915	292,183	330,961	364,147	400,580	440,619	484,627	533,144	586,531	533,144	586,531
Total	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Total All Customers	12,749	13,317	13,562	13,613	13,907	14,080	14,253	14,426	14,598	14,771	14,944	15,065
Total Revenue	2,777,489	3,135,938	3,613,092	4,109,421	4,615,469	5,139,231	5,721,496	6,367,719	7,086,686	7,885,919	7,250,376	8,038,980

Table 3-1A
Water Services – Operating Budget/Forecast

Description	Actual	Forecast										
	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Operating Costs - Water System												
Full-Time Wages-Water	546,600	546,909	502,860	512,917	523,176	533,639	544,312	555,198	566,302	566,302	566,302	577,628
Full-Time O/T	61,827	75,000	6,500	6,630	6,763	6,898	7,036	7,177	7,320	7,320	7,320	7,466
Part-Time Wages	6,323	435	7,220	7,364	7,512	7,662	7,815	7,971	8,131	8,131	8,131	8,294
Part-Time O/T	40	-	-	-	-	-	-	-	-	-	-	-
Standby & Shift Premiums	-	-	10,970	11,189	11,413	11,641	11,874	12,112	12,354	12,354	12,354	12,601
Employee Benefits	170,288	186,992	178,870	186,025	193,466	201,204	209,253	217,623	226,328	226,328	226,328	235,381
Office	3,016	6,000	3,370	3,454	3,541	3,629	3,720	3,813	3,908	3,908	3,908	4,006
Software Licenses & Maintenance	20,576	28,840	50,070	52,574	55,202	57,962	60,860	63,903	67,099	67,099	67,099	70,454
Telecommunications	35,174	27,608	30,000	30,600	31,212	31,836	32,473	33,122	33,785	33,785	33,785	34,461
Utilities (Furnace Oil, Gas, Etc)	4,078	3,800	4,530	4,757	4,994	5,244	5,506	5,782	6,071	6,071	6,071	6,374
Water and Wastewater	547	600	880	915	952	990	1,029	1,071	1,113	1,113	1,113	1,158
Hydro	200,760	198,209	215,000	223,600	232,544	241,846	251,520	261,580	272,044	272,044	272,044	282,925
Water Material	101,449	93,376	105,000	107,625	110,316	113,074	115,900	118,798	121,768	121,768	121,768	124,812
Vehicle Maintenance Transfer	10,453	14,805	12,000	12,180	12,363	12,548	12,736	12,927	13,121	13,121	13,121	13,318
Vehicle Fuel	14,443	11,137	18,000	18,450	18,911	19,384	19,869	20,365	20,874	20,874	20,874	21,396
Water Conservation Rebate	15,250	12,490	18,000	18,450	18,911	19,384	19,869	20,365	20,874	20,874	20,874	21,396
Clothing Allowance	1,614	5,229	2,760	2,829	2,900	2,972	3,047	3,123	3,201	3,201	3,201	3,281
Safety Shoe/Boot Allowance	2,054	1,540	2,000	2,050	2,101	2,154	2,208	2,263	2,319	2,319	2,319	2,377
Meal Allowance	191	370	379	389	398	408	419	429	440	440	440	451
Miscellaneous	102	1,051	1,000	1,025	1,051	1,077	1,104	1,131	1,160	1,160	1,160	1,189
Telephone	5,475	2,655	3,120	3,198	3,278	3,360	3,444	3,530	3,618	3,618	3,618	3,709
Legal	-	-	2,500	2,563	2,627	2,692	2,760	2,829	2,899	2,899	2,899	2,972
Engineering	-	10,000	2,000	2,050	2,101	2,154	2,208	2,263	2,319	2,319	2,319	2,377
OCWA Operating	496,599	552,455	666,690	686,691	707,291	728,510	750,365	772,876	796,063	796,063	796,063	819,945
OCWA Repairs & Maintenance	347,827	875,000	585,000	855,000	855,000	855,000	855,000	855,000	855,000	855,000	855,000	855,000
Water/Sewer Capacity Annual Reports	5,733	6,736	20,000	20,500	21,013	21,538	22,076	22,628	23,194	23,194	23,194	23,774
Water Well Supp Syst-Class EA Renewal	12,679	7,535	-	-	-	-	-	-	-	-	-	-
Equipment Rental	-	1,500	2,500	2,563	2,627	2,692	2,760	2,829	2,899	2,899	2,899	2,972
Memberships	50	385	500	513	525	538	552	566	580	580	580	594
Drinking Water Licencing	3,107	5,395	3,500	3,588	3,677	3,769	3,863	3,960	4,059	4,059	4,059	4,160
Professional Development	9,554	10,500	15,000	15,375	15,759	16,153	16,557	16,971	17,395	17,395	17,395	17,830
Meals and Accommodations	290	-	300	308	315	323	331	339	348	348	348	357
Advertisements	-	-	500	513	525	538	552	566	580	580	580	594
Water System Modeling Update	41,935	-	-	-	-	50,000	-	-	-	-	-	-
Insurance	21,174	25,570	29,410	33,822	38,895	44,729	51,438	59,154	68,027	68,027	68,027	78,231
ON1Call Locate Fees	2,740	4,500	3,000	3,075	3,152	3,231	3,311	3,394	3,479	3,479	3,479	3,566
ESA Annual Inspection Fees	982	1,022	1,040	1,066	1,093	1,120	1,148	1,177	1,206	1,206	1,206	1,236
Provisions for Uncollectibles - Water	3,193	1,495	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Contracts	124,399	126,287	120,000	123,000	126,075	129,227	132,458	135,769	139,163	142,642	142,642	146,208
Transfer to Clerk	7,860	18,940	18,940	19,319	19,705	20,099	20,501	20,911	21,330	21,330	21,330	21,756
Transfer to Admin	51,060	88,260	88,260	90,025	91,826	93,662	95,535	97,446	99,395	99,395	99,395	101,383
Transfer to Treasury	77,840	99,210	99,210	101,194	103,218	105,282	107,388	109,536	111,727	111,727	111,727	113,961
Transfer to IT	37,750	40,500	40,500	41,310	42,136	42,979	43,839	44,715	45,610	45,610	45,610	46,522
Sub Total Operating	2,445,032	3,092,335	2,872,879	3,210,192	3,280,063	3,402,651	3,428,135	3,506,713	3,588,603	3,592,082	3,592,082	3,677,615
Capital-Related												
NEW CAPITAL DEBENTURES	-	-	-	-	-	-	-	150,000	150,000	150,000	150,000	150,000
	-	-	-	-	-	-	-	-	122,727	122,727	122,727	122,727
Sub Total Capital Related	-	-	-	-	-	-	-	150,000	272,727	272,727	272,727	272,727
Total Expenditures	2,445,032	3,092,335	2,872,879	3,210,192	3,280,063	3,402,651	3,428,135	3,656,713	3,861,330	3,864,809	3,864,809	3,950,343

Table 3-1A (cont'd)
Water Services – Operating Budget/Forecast

Description	Actual	Forecast										
	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Revenues												
Rental of Properties	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000	18,000
Sundry/Miscellaneous Receipts	3,638	-	-	-	-	-	-	-	-	-	-	-
Private Work - Water	10,586	3,672	-	-	-	-	-	-	-	-	-	-
Sale of Material and Equipment	-	-	500	500	500	500	500	500	500	500	500	500
Water On/Off	21,246	19,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Penalties/Interest on Water	16,146	16,206	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000	16,000
Local Improvement Interest	6,426	6,250	1,650	1,551	1,458	1,370	1,288	1,211	1,138	1,138	1,138	1,070
Sundry/Miscellaneous Receipts	3,600	-	500	500	500	500	500	500	500	500	500	500
Bulk Water Station	5,500	2,700	3,000	3,000	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
Water - Base Rate Revenue	2,611,612	3,033,028	2,655,960	2,985,368	3,198,475	3,397,674	3,609,490	3,832,721	4,069,389	4,319,845	4,160,130	4,400,817
Water Meter Activation Fee	4,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420	1,420
New Account Activation Fee	37,840	28,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Interest Earned on Reserves	413,873	307,406	375,720	348,363	379,003	412,247	457,481	512,397	561,001	561,001	624,102	556,612
Transfer from DC Reserves	41,935											
Total Operating Revenue	3,194,822	3,435,682	3,112,750	3,414,701	3,657,856	3,890,211	4,147,179	4,425,249	4,710,449	4,960,905	4,864,290	5,037,420
Water Billing Recovery - Operating	749,790	343,347	239,871	204,509	377,793	487,560	719,044	768,537	849,119	1,096,096	999,481	1,087,077
Lifecycle Reserve Contribution (\$)	1,819,764	1,431,258	1,424,827	1,420,115	1,662,599	1,844,028	2,156,623	2,274,239	2,427,678	2,674,224	2,578,322	2,738,041
Water Billing Recovery Consumption - Total	1,069,974	1,087,911	1,184,956	1,215,606	1,284,806	1,356,468	1,437,579	1,505,703	1,578,559	1,578,127	1,578,841	1,650,964

Table 3-1B
Water Services – Consumption Rate Forecast

Description	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Total Water Billing Consumption Recovery	1,069,974	1,087,911	1,184,956	1,215,606	1,284,806	1,356,468	1,437,579	1,505,703	1,578,559	1,578,127	1,578,841	1,650,964
Total Consumption (m3)	2,431,757	2,365,022	2,468,658	2,431,212	2,424,162	2,422,263	2,436,574	2,428,553	2,428,553	2,427,888	2,428,986	2,427,888
Constant Rate	0.44	0.46	0.48	0.50	0.53	0.56	0.59	0.62	0.65	0.65	0.65	0.68

Table 3-2A
Wastewater Services – Operating Budget/Forecast

Description	Actual	Forecast										
	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Operating Costs - Wastewater System												
Full-Time Wages-Sewer	327,910	546,911	502,860	512,917	523,176	533,639	544,312	555,198	566,302	566,302	566,302	577,628
Full-Time O/T	44,634	44,219	6,500	6,630	6,763	6,898	7,036	7,177	7,320	7,320	7,320	7,466
Standby & Shift Premiums	-	-	10,970	11,189	11,413	11,641	11,874	12,112	12,354	12,354	12,354	12,601
Part-Time Wages	6,024	1,000	7,220	7,364	7,512	7,662	7,815	7,971	8,131	8,131	8,131	8,294
Part-Time O/T	40	-	-	-	-	-	-	-	-	-	-	-
Employee Benefits	128,731	186,992	178,870	186,025	193,466	201,204	209,253	217,623	226,328	226,328	226,328	235,381
Office	2,799	6,049	3,370	3,454	3,541	3,629	3,720	3,813	3,908	3,908	3,908	4,006
Software Licenses & Maintenance	21,127	19,277	50,070	52,574	55,202	57,962	60,860	63,903	67,099	67,099	67,099	70,454
Telecommunications	35,175	27,654	30,000	30,600	31,212	31,836	32,473	33,122	33,785	33,785	33,785	34,461
Utilities (Furnace Oil, Gas, Etc)	26,057	31,780	18,240	19,152	20,110	21,115	22,171	23,279	24,443	24,443	24,443	25,666
Water and Wastewater	11,581	12,000	15,000	15,600	16,224	16,873	17,548	18,250	18,980	18,980	18,980	19,739
Hydro	649,677	623,035	675,000	702,000	730,080	759,283	789,655	821,241	854,090	854,090	854,090	888,254
Sewer Material	16,422	18,288	12,500	12,813	13,133	13,461	13,798	14,143	14,496	14,496	14,496	14,859
Vehicle Maintenance & Licenses	10,715	12,024	10,000	10,150	10,302	10,457	10,614	10,773	10,934	10,934	10,934	11,098
Vehicle Fuel	14,443	11,237	12,000	12,300	12,608	12,923	13,246	13,577	13,916	13,916	13,916	14,264
Clothing Allowance	-	530	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500	1,500
Safety Shoe/Boot Allowance	92	-	800	800	800	800	800	800	800	800	800	800
Meal Allowance	108	50	100	103	105	108	110	113	116	116	116	119
Miscellaneous	101	-	500	513	525	538	552	566	580	580	580	594
Telephone	852	3,006	2,500	2,563	2,627	2,692	2,760	2,829	2,899	2,899	2,899	2,972
Legal	-	-	3,180	3,260	3,341	3,425	3,510	3,598	3,688	3,688	3,688	3,780
Engineering	-	-	99,000	101,475	104,012	106,612	109,277	112,009	114,810	114,810	114,810	117,680
WPCP Sludge Haulage	41,261	129,527	125,000	128,750	132,613	136,591	140,689	144,909	149,257	149,257	149,257	153,734
OCWA Operating	848,756	828,682	835,570	860,640	886,460	913,050	940,442	968,655	997,714	997,714	997,714	1,027,646
OCWA Repairs & Maintenance	741,910	400,000	900,000	1,518,000	1,518,000	1,518,000	1,518,000	1,518,000	1,518,000	1,518,000	1,518,000	1,518,000
PILS Payments	90,415	93,619	93,620	95,961	98,360	100,819	103,339	105,922	108,570	108,570	108,570	111,285
Contracts	9,746	31,750	15,000	15,300	15,606	15,918	16,236	16,561	16,892	16,892	16,892	17,230
Annual Sewer Inspection (CCTV)	216,124	75,000	75,000	60,000	60,000	60,000	60,000	60,000	60,000	60,000	60,001	60,001
Sewer Rehabilitation	70,100	75,000	75,000	77,625	80,342	83,154	86,064	89,076	92,194	92,194	92,194	95,421
Professional Development	895	1,500	4,000	4,100	4,203	4,308	4,415	4,526	4,639	4,639	4,639	4,755
Advertisements	508	520	520	533	546	560	574	588	603	603	603	618
Insurance	21,173	25,570	29,410	33,822	38,895	44,729	51,438	59,154	68,027	68,027	68,027	78,231
Insurance Claims-Sewer	-	-	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
ESA Annual Inspection Fees	5,650	5,872	6,000	6,150	6,304	6,461	6,623	6,788	6,958	6,958	6,958	7,132
Provisions for Uncollectibles - Sewer	2,906	2,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000	3,000
Transfer to Admin	102,140	25,300	50,600	51,612	52,644	53,697	54,771	55,866	56,984	56,984	56,984	58,123
Transfer to HR	-	62,960	125,940	128,459	131,028	133,649	136,322	139,048	141,829	141,829	141,829	144,665
Transfer to Clerk	15,720	18,940	37,870	38,627	39,400	40,188	40,992	41,812	42,648	42,648	42,648	43,501
Transfer to Treasury	128,300	99,210	169,630	176,415	183,472	190,811	198,443	206,381	214,636	214,636	214,636	223,222
Transfer to IT	75,510	40,500	81,000	84,240	87,610	91,114	94,759	98,549	102,491	102,491	102,491	106,590
Sub Total Operating	3,667,602	3,460,001	4,268,340	4,977,213	5,087,130	5,201,307	5,359,989	5,443,432	5,571,922	5,571,923	5,571,923	5,705,769
Capital-Related												
NEW CAPITAL DEBENTURES	-	-	547,498	547,498	547,498	547,498	547,498	150,000	150,000	150,000	150,000	150,000
Sub Total Capital Related	0	0	547,498	547,498	547,498	547,498	547,498	150,000	150,000	150,000	150,000	150,000
Total Expenditures	3,667,602	3,460,001	4,815,838	5,524,711	5,634,628	5,748,805	5,907,487	5,593,432	5,721,922	5,721,923	5,721,923	5,855,769

Table 3-2A (cont'd)
Wastewater Services – Operating Budget/Forecast

Description	Actual	Forecast										
	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Revenues												
Penalties/Interest on Sewer	21,404	22,506	21,200	22,506	22,506	21,200	21,200	22,506	22,506	22,506	22,506	21,200
Local Improvement Interest	6,426	6,426	8,000	6,426	6,426	8,000	8,000	6,426	6,426	6,426	6,426	8,000
Private Work - Sewer	554	-	-	-	-	-	-	-	-	-	-	-
Residential Sewer - Flat Rate	180,560	98,773	41,910	66,254	72,885	80,165	88,178	97,006	106,713	117,382	106,713	117,382
Residential Sewer - Base Rate	2,319,715	2,625,775	2,707,100	3,427,491	3,865,242	4,313,966	4,813,731	5,369,209	5,988,275	6,677,593	6,151,965	6,830,654
Non-Residential Sewer - Flat Rate	1,102	1,093	-	-	-	-	-	-	-	-	-	-
Non-Residential Sewer - Base Rate	465,189	508,925	509,180	615,676	677,341	745,100	819,587	901,503	991,699	1,090,944	991,699	1,090,944
Sewer Sludge Disposal	3,970	2,370	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000	5,000
Clearview Contributions	6,715	109,022	-	-	-	-	-	-	-	-	-	-
Grants	1,220	-	-	-	-	-	-	-	-	-	-	-
Interest Earned on Reserves	282,838	66,862	50,760	279,694	825,576	1,961,404	4,139,151	8,178,920	15,672,387	15,672,387	27,347,746	41,542,329
Total Operating Revenue	3,289,693	3,441,752	3,343,150	4,423,047	5,474,977	7,134,835	9,894,847	14,580,570	22,793,005	23,592,238	34,632,054	49,615,509
Wastewater Billing Recovery - Operating	(377,909)	(18,249)	(1,472,688)	(1,101,664)	(159,652)	1,386,030	3,987,360	8,987,138	17,071,084	17,870,315	28,910,131	43,759,740
Lifecycle Reserve Contribution (\$)	1,185,829	1,516,254	458,765	1,040,481	2,208,389	3,990,367	6,878,130	12,158,083	20,554,657	21,354,535	32,393,704	47,601,315
Wastewater Billing Recovery Consumption - To	1,563,738	1,534,503	1,931,453	2,142,145	2,368,041	2,604,337	2,890,770	3,170,945	3,483,573	3,484,220	3,483,573	3,841,575

Table 3-2B
Wastewater Services – Consumption Rate Forecast

Description	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Total Wastewater Billing Recovery	1,563,738	1,534,503	1,931,453	2,142,145	2,368,041	2,604,337	2,890,770	3,170,945	3,483,573	3,484,220	3,483,573	3,841,575
Total Consumption (m ³)	2,266,287	2,166,016	2,272,298	2,231,401	2,234,001	2,225,929	2,240,907	2,233,060	2,233,060	2,233,474	2,233,060	2,233,474
Constant Rate	0.69	0.71	0.85	0.96	1.06	1.17	1.29	1.42	1.56	1.56	1.56	1.72

Table 4-1
Water Reserves Continuity/Forecast

Year	2023 Actual	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Opening Balance	11,792,259	11,228,253	12,269,612	13,212,324	14,173,893	15,378,639	15,134,414	16,788,800	19,032,614	21,021,933	21,021,933	21,503,345
Reserve Contribution	1,405,891	1,123,852	1,101,348	1,071,752	1,283,596	1,431,781	1,699,142	1,761,842	1,866,677	2,050,121	2,021,377	2,181,429
Capital Reserve Utilized	(2,383,770)	-	(527,600)	(502,600)	(500,650)	(2,091,850)	(500,950)	(28,950)	(436,800)	(119,782)	(2,111,148)	-
Property Owner Repay	-	-	47,880	47,880	47,880	47,880	47,880	47,880	47,880	47,880	47,880	47,880
Local Imp. Cost	-	(391,295)	-	-	-	-	-	-	-	-	-	-
Interest	413,873	308,803	321,084	344,537	373,921	367,964	408,315	463,042	511,562	573,807	523,304	592,119
Closing Balance	11,228,253	12,269,612	13,212,324	14,173,893	15,378,639	15,134,414	16,788,800	19,032,614	21,021,933	23,573,959	21,503,345	24,324,773

Table 4-2
Wastewater Reserves Continuity/Forecast

Year	2023 Actual	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Opening Balance	8,807,862	6,936,214	2,978,815	331,806	905,828	1,776,275	3,858,891	6,681,662	8,929,937	11,890,522	1,794,725	9,803,979
Reserve Contribution	902,991	1,449,392	408,005	760,786	1,382,813	2,028,964	2,738,980	3,979,163	4,882,270	(5,993,211)	8,970,350	6,058,986
Debt Proceeds	-	-	2,500,000	-	-	-	-	-	-	-	-	-
Capital Reserve Utilized	(3,057,477)	(5,054,970)	(5,614,489)	(260,241)	(607,072)	(91,850)	(130,559)	(2,000,074)	(2,263,080)	(4,197,743)	(1,251,601)	(977,500)
Property Owner Repay	-	-	51,383	51,383	51,383	51,383	51,383	51,383	51,383	51,383	51,383	51,383
Local Imp. Cost	-	(424,475)	-	-	-	-	-	-	-	-	-	-
Interest	282,838	72,654	8,093	22,093	43,324	94,119	162,967	217,803	290,013	43,774	239,121	373,421
Closing Balance	6,936,214	2,978,815	331,806	905,828	1,776,275	3,858,891	6,681,662	8,929,937	11,890,522	1,794,725	9,803,979	15,310,268

Schedule A
Proposed Water / Wastewater Rates 2025

RESIDENTIAL RATES**MONTHLY BASE CHARGES:**

WATER	3/4" (19mm)	1" (25mm)	1.5" (40mm)	2" (50mm)	2.5" (63mm)	3" (75mm)	4" (100mm)	6" (150mm)
Mthly Base Charge	16.32	16.32	16.32	47.36	122.44	188.65	228.65	342.97
Annual Base Charge	195.84	195.84	195.84	568.32	1,469.23	2,263.84	2,743.80	4,115.64

WASTEWATER	3/4" (19mm)	1" (25mm)	1.5" (40mm)	2" (50mm)	2.5" (63mm)	3" (75mm)	4" (100mm)	6" (150mm)
Mthly Base Charge	21.62	21.62	21.62	62.64	150.13	231.90	302.53	453.78
Annual Base Charge	259.44	259.44	259.44	751.68	1,801.58	2,782.80	3,630.36	5,445.36

CONSUMPTION RATES:

Water (Per m ³)	\$ 0.48
Wastewater (Per m ³)	\$ 0.85

**** The base charge for water and/or wastewater to a single family residence zoned as residential will be equivalent to the charge for a 19mm (.75") service size regardless of the size of the service.**

NON-RESIDENTIAL RATES**MONTHLY BASE CHARGES:**

WATER	3/4" (19mm)	1" (25mm)	1.5" (40mm)	2" (50mm)	2.5" (63mm)	3" (75mm)	4" (100mm)	6" (150mm)
Mthly Base Charge	16.32	22.85	29.39	47.36	122.44	188.65	228.65	342.97
Annual Base Charge	195.84	274.20	352.68	568.32	1,469.23	2,263.84	2,743.80	4,115.64

WASTEWATER	3/4" (19mm)	1" (25mm)	1.5" (40mm)	2" (50mm)	2.5" (63mm)	3" (75mm)	4" (100mm)	6" (150mm)
Mthly Base Charge	21.62	30.22	38.90	62.64	150.13	231.90	302.53	453.78
Annual Base Charge	259.44	362.64	466.80	751.68	1,801.58	2,782.80	3,630.36	5,445.36

CONSUMPTION RATES:

Water (Per m ³)	\$ 0.48
Wastewater (Per m ³)	\$ 0.85

LIFESTYLE / CONDOMINIUM CORPORATIONS:**MONTHLY BASE CHARGES Per Unit:**

WATER	
Mthly Base Charge	12.25
Annual Base Charge	147.00

WASTEWATER	
Mthly Base Charge	16.20
Annual Base Charge	194.40

CONSUMPTION RATES:

Water (Per m ³)	\$ 0.48
Wastewater (Per m ³)	\$ 0.85

BULK WATER

Water (Per m ³)	\$ 2.01
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FLAT RATE / CONSTRUCTION RATE**MONTHLY BASE CHARGES:**

WATER	
Mthly Base Charge	20.90
Annual Base Charge	250.80

WASTEWATER	
Mthly Base Charge	27.95
Annual Base Charge	335.40

CONSUMPTION RATES:

Water (Per m ³)	NA
Wastewater (Per m ³)	NA