



 **Watson  
& Associates**  
ECONOMISTS LTD.

# Water and Wastewater Ontario Regulation 453/07 Financial Plans

Town of Orangeville

---

Financial Plan #108-301

March 28, 2025

Watson & Associates Economists Ltd.  
905-272-3600  
[info@watsonecon.ca](mailto:info@watsonecon.ca)

# Table of Contents

	Page
<b>1. Introduction.....</b>	<b>1-1</b>
1.1 Study Purpose .....	1-1
1.2 Background.....	1-1
1.2.1 Financial Plan Defined .....	1-2
1.2.2 Financial Plan Requirements – Existing System.....	1-2
1.2.3 Financial Plan Requirements – General .....	1-3
1.2.4 Public Sector Accounting Board (P.S.A.B.) Requirements .....	1-4
<b>2. Sustainable Financial Planning.....</b>	<b>2-1</b>
2.1 Introduction .....	2-1
2.2 Water Opportunities Act, 2010.....	2-2
2.3 Infrastructure for Jobs and Prosperity Act (I.J.P.A.), 2015.....	2-3
2.4 Water and Wastewater Forecast .....	2-4
<b>3. Approach.....</b>	<b>3-1</b>
3.1 Overview.....	3-1
3.2 Conversion Process.....	3-1
3.2.1 Calculate Tangible Capital Asset Balances .....	3-1
3.2.2 Convert Statement of Operations.....	3-2
3.2.3 Convert Statement of Financial Position .....	3-4
3.2.4 Convert Statement of Cash Flow and Net Financial Assets/Debt.....	3-4
3.2.5 Verification and Note Preparation .....	3-6
<b>4. Financial Plan .....</b>	<b>4-1</b>
4.1 Introduction .....	4-1
4.2 Water Financial Plan.....	4-1
4.2.1 Statement of Financial Position (Table 4-1) .....	4-1
4.2.2 Statement of Operations (Table 4-2).....	4-2
4.2.3 Statement of Change in Net Financial Assets/Debt (Table 4-3) .....	4-3



# Table of Contents (Cont'd)

	Page
4.2.4 Statement of Cash Flow (Table 4-4) .....	4-3
<b>5. Process for Financial Plan Approval and Submission to the Province.....</b>	<b>5-1</b>
<b>6. Recommendations .....</b>	<b>6-1</b>
<b>Appendix A Water and Wastewater 2024 Rate Study Summary Tables .....</b>	<b>A-1</b>
<b>Appendix B Wastewater Financial Plan .....</b>	<b>B-1</b>



## List of Acronyms and Abbreviations

<b>Acronym</b>	<b>Full Description of Acronym</b>
D.C.	Development Charge
F.I.R.	Financial Information Return
MECP	Ministry of the Environment, Conservation and Parks
MMAH	Ministry of Municipal Affairs and Housing
O. Reg.	Ontario Regulation
P.S.A.B.	Public Sector Accounting Board
S.D.W.A.	<i>Safe Drinking Water Act, 2002</i>
W.O.A.	<i>Water Opportunities Act, 2010</i>



# Report



# Chapter 1

## Introduction



# 1. Introduction

## 1.1 Study Purpose

---

The Town of Orangeville (Town) retained Watson & Associates Economists Ltd. (Watson) to prepare a water and wastewater financial plan as part of the five submission requirements for the purposes of obtaining a municipal drinking water licence as per the *Safe Drinking Water Act, 2002*. In general, a financial plan requires an in-depth analysis of capital and operating needs, a review of current and future demand versus supply, and consideration of available funding sources. This detailed financial planning and forecasting regarding the Town’s water and wastewater systems has already been completed and documented in the “2024 Water and Wastewater Rate Study Town of Orangeville” dated November 13, 2024 (2024 Rate Study). Council received the 2024 Rate Study and approved the rates in the report on November 18, 2024.

The objective of the report provided herein is to convert the findings of the 2024 Rate Study into the prescribed reporting requirements for a financial plan as defined by Ontario Regulation 453/07 (O. Reg. 453/07) and project the financial position over a ten-year forecast period.

## 1.2 Background

---

The *Safe Drinking Water Act, 2002* (S.D.W.A.) 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 licence.”

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.
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.

### **1.2.1 Financial Plan Defined**

Subsection 30 of the S.D.W.A. provides the following definition of financial plans:

"financial plans" means financial plans that satisfy the requirements prescribed by the Minister. 2017, c. 2, Sched. 11, s. 6 (3)

These requirements are outlined in O. Reg. 453/07 and will be examined in detail below.

### **1.2.2 Financial Plan Requirements – Existing System**

O. Reg. 453/07 also provides details with regard to s.30 (1) part b of the S.D.W.A. 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 in the year of licence expiry (i.e., 2025 for the Town);



- Financial plans must include detail 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 Public Section Accounting Board (P.S.A.B.)) 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 P.S.A.B.) for each year in which the financial plans apply;
- 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 P.S.A.B.) 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;
- Notice of the availability of the financial plans is to be given to the public; and
- Financial plan is to be submitted to the Ministry of Municipal Affairs and Housing.

### ***1.2.3 Financial Plan Requirements – General***

Given that the requirement for a financial plan is legislated under the Act, a financial plan is mandatory for water systems. The financial plans shall be for a forecast period of at least six years but longer planning horizons are encouraged. The 2025 to 2034 forecast included in this financial plan meets that requirement. The financial plan is to be completed and approved by resolution of Council or the governing body in accordance with subsection 3 (1) 1 of O. Reg. 453/07. Confirmation of approval of the financial plan must be submitted at the time of municipal drinking water licence renewal (i.e., six months prior to licence expiry).

A copy of the financial plan must be submitted to the Ministry of Municipal Affairs and Housing (MMAH). The financial plan does not need to be submitted to the Ministry of the Environment, Conservation, and Parks (MECP); however, the MECP may request it in the course of review of the licence renewal. Financial plans may be amended and



additional information beyond what is prescribed can be included if deemed necessary. The financial plan must contain on the front page, the appropriate financial plan number as set out in Schedule A of the Municipal Drinking Water Licence.

#### **1.2.4 Public Sector Accounting Board (P.S.A.B.) Requirements**

The components of the financial plans indicated by the regulation are consistent with the requirements for financial statement presentation as set out in section PS 1201 of the Canadian Institute of Chartered Accountants Public Sector Accounting Handbook:

“Financial statements should include a Statement of Financial Position, a Statement of Operations, a Statement of Change in Net Debt, and a Statement of Cash Flow.”

The format required is to conform to the requirements of PS 1201 and PS 3150. The financial statements are to be reported on a full accrual accounting basis. The accrual accounting method recognizes revenues and expenses in the same period as the activities that give rise to them regardless of when they are actually paid for. Since an exchange of cash is not necessary to report a financial transaction, the accrual method is meant to provide a more accurate picture of financial position.

The accounting treatment of tangible capital assets is prescribed under section PS 3150. Tangible capital assets are to be capitalized to ensure an inventory of the assets owned is recorded and to account for their ability to provide future benefits.

The Statement of Cash Flow and the Statement of Change in Net Financial Assets/Debt are required statements. The Statement of Change in Net Financial Assets/Debt reports on whether enough revenue was generated in a period to cover the expenses in the period and whether sufficient resources have been generated to support current and future activities. The Statement of Cash Flow reports on how activities were financed for a given period providing a measure of the changes in cash for that period.



# Chapter 2

## Sustainable Financial Planning



## 2. Sustainable Financial Planning

### 2.1 Introduction

---

In general, sustainability refers to the ability to maintain a certain position over time. While the S.D.W.A. requires a declaration of the financial plan's sustainability, it does not give a clear definition of what would be considered sustainable. Instead, the MECP released a guideline ("Towards Financially Sustainable Drinking-Water and Wastewater Systems") that provides possible approaches to achieving sustainability. The Province's Principles of Financially Sustainable Water Services are provided below:

Principle #1: Ongoing public engagement and transparency can build support for, and confidence in, financial plans and the system to which they relate.

Principle #2: An integrated approach to planning among water, wastewater, and storm water systems is desirable given the inherent relationship among these services.

Principle #3: Revenues collected for the provision of water services should ultimately be used to meet the needs of those services.

Principle #4: Lifecycle planning with mid-course corrections is preferable to planning over the short-term or not planning at all.

Principle #5: An asset management plan is a key input to the development of a financial plan.

Principle #6: A sustainable level of revenue allows for reliable service that meets or exceeds environmental protection standards, while providing sufficient resources for future rehabilitation and replacement needs.

Principle #7: Ensuring users pay for the services they are provided leads to equitable outcomes and can improve conservation. In general, metering and the use of rates can help ensure users pay for services received.

Principle #8: Financial plans are "living" documents that require continuous improvement. Comparing the accuracy of financial projections with actual results can lead to improved planning in the future.



Principle #9: Financial plans benefit from the close collaboration of various groups, including engineers, accountants, auditors, utility staff, and municipal council.

## 2.2 Water Opportunities Act, 2010

---

Since the passage of the S.D.W.A., changes and refinements to the legislation have been introduced, including the *Water Opportunities Act, 2010* (W.O.A). The W.O.A. was introduced into legislation on May 18, 2010, and received Royal Assent on November 29, 2010.

The purposes of the W.O.A. are to foster innovative water, wastewater and storm water technologies, services, and practices; create opportunities for economic development and clean-technology jobs; and conserve and sustain water resources. To achieve this, the W.O.A. provides for the creation of performance targets (financial, operational and maintenance related), which will vary by service type and location and the required submission of conservation and sustainability plans for water, wastewater, and stormwater.

The sustainability plan in the W.O.A. expands on interim legislation for financial plans included in O. Reg. 453/07, to include the following:

- an asset management plan for the physical infrastructure;
- financial plan;
- water conservation plan (for water service only);
- a risk assessment;
- a strategy for maintaining and improving the services; and
- additional information considered advisable.

Where a Board has jurisdiction over a service, the plan (and any plan amendments) must be approved by the municipality in which the municipal service is provided before submission to the Minister. The Minister may also direct preparation of joint or partially joint plans.

Regulations (still forthcoming) will prescribe details in regard to any time periods or time limits, contents of the plans, identifying which portions of the plan will require



certification, the public consultation process (if required), limitations updates and refinements.

## 2.3 Infrastructure for Jobs and Prosperity Act (I.J.P.A.), 2015

---

On June 4, 2015, the Province passed the *Infrastructure for Jobs and Prosperity Act, 2015* (I.J.P.A.) which, over time, will require municipalities to undertake and implement asset management plans for all the infrastructure they own. On December 27, 2017, the Province of Ontario released O. Reg. 588/17 under I.J.P.A. which has three phases that municipalities must meet. The timelines associated with the three phases were later extended by O. Reg. 193/21 which was filed on March 15, 2021.

Every municipality in Ontario will have to prepare a strategic asset management policy by July 1, 2019. Municipalities will be required to review their strategic asset management policies at least every five years and make updates, as necessary. The subsequent phases are as follows:

- Phase 1 – Asset Management Plan (by July 1, 2022):
  - For core assets – Municipalities must have the following:
    - Inventory of assets;
    - Current levels of service, including some prescribed measures; and
    - Lifecycle management strategies and associated costs to maintain current levels of service.
- Phase 2 – Asset Management Plan (by July 1, 2024):
  - Same steps as Phase 1 but for all assets.
- Phase 3 – Asset Management Plan (by July 1, 2025):
  - Builds on Phase 1 and 2 by adding:
    - Proposed levels of service; and
    - Financial strategy that supports achieving proposed levels of service.

In relation to water (which is considered a core asset), municipalities will need to have an asset management plan that addresses the related infrastructure by July 1, 2022 (Phase 1). O. Reg. 588/17 specifies that the Town's asset management plan must include the following for each asset category:

- the current levels of service being provided;



- determined in accordance with the following qualitative descriptions and technical metrics and based on data from at most the two calendar years prior to the year in which all information required under this section is included in the asset management plan.
- the current performance of each asset category;
- a summary of the assets in the category;
- the replacement cost of the assets in the category;
- the average age of the assets in the category, determined by assessing the average age of the components of the assets;
- the information available on the condition of the assets in the category;
- a description of the Town's approach to assessing the condition of the assets in the category, based on recognized and generally accepted good engineering practices where appropriate; and
- the lifecycle activities that need to be undertaken to maintain the current levels of service.

The Town completed an Asset Management Plan (A.M.P.) for its core assets, including water and wastewater infrastructure, in 2022. The Town is currently preparing an update to the A.M.P. The Town will need to consider the impacts of funding the lifecycle requirements identified in the A.M.P. during the annual budget and forecast periods.

## **2.4 Water and Wastewater Forecast**

---

The Town has already completed their financial planning through its 2024 Rate Study. The rate study process is designed to address “full cost” principles and reflect the guiding principles toward sustainable financial planning.

As a result of employing this process, the ten-year forecasts contained in the 2024 Rate Study provide the basis for the financial plans for the Town's water and wastewater systems by including:

- An analysis of operating costs in order to determine how they will be impacted by evolving infrastructure needs and system growth;
- An analysis of required water and wastewater rates that ensure revenues are equitable and sufficient to meet system needs; and



- A public process that involves consultation with the main stakeholders including the Town's staff, Council, the general public (specifically the users of the system) and others, with the aim of gaining input and collaboration on the sustainability of the financial plans.

The details of the water and wastewater financial plans arising from the 2024 Rate Study are contained in Appendix A.



# Chapter 3

## Approach



## 3. Approach

### 3.1 Overview

---

The 2024 Rate Study, along with additional detailed information provided by Town Staff, has been used as a starting point to prepare the water and wastewater financial plans. The water and wastewater forecasts are prepared on a modified cash basis; therefore, a conversion is required in order to present a full accrual financial plan for the purposes of this report. The conversion process used will help to establish the structure of the financial plans along with the opening balances that will underpin the forecasts. This chapter outlines the conversion process utilized and summarizes the adjustments made to prepare the financial plans. It is noted that financial plans have been prepared for both water and wastewater; however, the focus of the remaining chapters will be on water only, for submission as part of the licence renewal process. The complete financial plan for wastewater is provided in Appendix B.

### 3.2 Conversion Process

---

The conversion from the existing modified cash basis financial plan to the full accrual reporting format required under O. Reg. 453/07 can be summarized in the following steps:

1. Calculate Tangible Capital Asset Balances
2. Convert Statement of Operations
3. Convert Statement of Financial Position
4. Convert Statement of Cash Flow and Net Assets/Debt
5. Verification and Note Preparation

#### **3.2.1 Calculate Tangible Capital Asset Balances**

In calculating tangible capital asset balances, existing and future purchased, developed, and/or contributed assets will need to be considered. For existing water and wastewater assets, an inventory has already been compiled and summarized by the Town as part of their annual PS 3150 compliance processes. As required, for PS 3150



reporting purposes, the asset inventory listing included historical cost (which is the original cost to purchase, develop, or construct each asset) along with an estimated useful life for each asset and any anticipated salvage value is recorded. The following calculations are made to determine net book value:

- Accumulated amortization up to the year prior to the first forecast year.
- Amortization expense on existing assets for each year of the forecast period.
- Acquisition of new assets for each year of the forecast period.
- Disposals and related gains or losses for each year of the forecast period.

Future water capital needs have also been determined and summarized by Town staff. However, these estimates only represent future assets that the Town anticipates purchasing or constructing. At present, the Town does not anticipate any assets will be contributed by developers and other parties (at no or partial cost to the Town). If, over the forecast period, additional capital needs arise or contributed assets are anticipated, the financial plan may need to be adjusted to properly account for these transactions. Once the sequence and total asset acquisition has been determined for the forecast period, annual amortization of these assets for each year is calculated in a similar manner as that used for existing assets.

Once the historical cost, accumulated amortization, and amortization expenses are calculated as described above, the total net book value of the tangible capital assets can be determined and recorded on the Statement of Financial Position.

### **3.2.2 Convert Statement of Operations**

A wide range of adjustments will be considered, dependent on the size and complexity of the system, in order to convert from the cash to full accrual basis. For example, debt repayment costs relating to the principal payment portion only need to be removed under the accrual basis, as they no longer qualify as an expense for reporting purposes. Principal payments are reported as a decrease in debt liability on the Statement of Financial Position. Transfers to and from reserves are removed as these transactions are represented by changes in cash and accumulated surplus. Finally, expenses relating to tangible capital assets, such as amortization, write-offs, and (gain)/loss on disposal of assets are reported on the Statement of Operations in order to capture the allocation of the cost of these assets to operating activities over their useful lives and therefore are added in under the accrual basis.



Table 3-1  
Conversion Adjustments  
Statement of Operations (Water)

Modified Cash Basis	Budget 2025	Adjustments		Full Accrual Budget 2025	Accrual Basis
		DR	CR		
<b>Revenues</b>					<b>Revenues</b>
Base Charge Revenue	1,828,871			1,828,871	Base Charge Revenue
Rate Based Revenue	6,256,913			6,256,913	Rate Based Revenue
			4,277,913	4,277,913	Earned Development Charges and Canada Community-Building Fund Revenue
Other Revenue	425,363		115,918	541,281	Other Revenue
<b>Total Revenues</b>	<b>8,511,147</b>			<b>12,904,978</b>	<b>Total Revenues</b>
<b>Expenditures</b>					<b>Expenses</b>
Operating	6,854,037	627,000		7,481,037	Operating Expenses
Capital					
Transfers to Reserves	1,497,323		1,497,323		
Transfers to Capital	-		-		
Debt Repayment (Principal & Interest)	159,787		106,042	53,745	Interest on Debt
		1,512,646		1,512,646	Amortization
<b>Total Expenditures</b>	<b>8,511,147</b>			<b>9,047,428</b>	<b>Total Expenses</b>
<b>Net Expenditures</b>	<b>-</b>			<b>3,857,550</b>	<b>Annual Surplus/(Deficit)</b>
Increase (decrease) in amounts to be recovered	-			51,673,489	Accumulated Surplus/(Deficit), beginning of year
<b>Change in Fund Balances</b>	<b>-</b>	<b>3,857,550</b>	<b>-</b>	<b>55,531,039</b>	<b>Accumulated Surplus/(Deficit), end of year</b>
<b>TOTAL ADJUSTMENTS</b>		<b>5,997,196</b>	<b>5,997,196</b>		

**Note:** The combined adjustments above should be balanced and net to \$0 (i.e. Total DR = Total CR)



### **3.2.3 Convert Statement of Financial Position**

Once the Statement of Operations has been converted and the net book value of tangible capital assets has been recorded, balances for the remaining items on the Statement of Financial Position are determined and recorded (see Table 3-2). The opening/actual balances for the remaining accounts such as accounts receivable, inventory, accounts payable, outstanding debt (principal only), are recorded and classified according to the structure of the Statement of Financial Position as outlined in PS 1201.

It is acknowledged that some of the balances required on the Statement of Financial Position will be consolidated across the Municipality and as such, will be difficult to isolate the information that is relevant to water. An example of this is accounts receivable, which may be administered centrally by the Finance Department. Ontario Regulation 453/07 allows for the exclusion of these numbers if they are not known at the time of preparing the financial plan. Please refer to the Financial Plan Notes in Chapter 4 for more details.

### **3.2.4 Convert Statement of Cash Flow and Net Financial Assets/Debt**

The Statement of Cash Flow summarizes how the Municipality financed its activities or in other words, how the costs of providing services were recovered. The statement is derived using comparative Statement of Financial Position, the current Statement of Operations and other available transaction data.

The Statement of Change in Net Financial Assets/Debt is a statement which reconciles the difference between the surplus or deficit from current operations and the change in net financial assets/debt for the year. This is significant, as net debt provides an indication of future revenue requirements. In order to complete the Statement of Net Financial Assets/Debt, information regarding any gains/losses on disposals of assets, asset write-downs, acquisition/use of supplies inventory, and the acquisition use of prepaid expenses is necessary, (if applicable). Although the Statement of Change in Net Financial Assets/Debt is not required under O. Reg. 453/07, it has been included in this report as a further indicator of financial viability.



Table 3-2  
Conversion Adjustments  
Statements of Financial Position (Water)

Modified Cash Basis	Budget 2025	Adjustments		Full Accrual Budget 2025	Accrual Basis
		DR	CR		
<b>ASSETS</b>					<b>ASSETS</b>
<b>Financial Assets</b>					<b>Financial Assets</b>
Cash	13,219,642			13,219,642	Cash
Accounts Receivable	849,877			849,877	Accounts Receivable
<b>Total Financial Assets</b>	<b>14,069,519</b>			<b>14,069,519</b>	<b>Total Financial Assets</b>
<b>Non-Financial Assets</b>					
Inventory of Supplies	-		-		
Prepaid Expenses	-		-		
<b>Total Non-Financial Assets</b>	<b>-</b>				
<b>LIABILITIES</b>					<b>Liabilities</b>
Accounts Payable & Accrued Liabilities	810,335			810,335	Accounts Payable & Accrued Liabilities
Gross Long-term Liabilities	1,223,484			1,223,484	Debt (Principal only)
Deferred Revenue	7,347,327			7,347,327	Deferred Revenue
<b>Total Liabilities</b>	<b>9,381,146</b>			<b>9,381,146</b>	<b>Total Liabilities</b>
<b>Net Assets/(Debt)</b>	<b>4,688,373</b>			<b>4,688,373</b>	<b>Net Financial Assets/(Debt)</b>
		51,469,666	627,000	50,842,666	<b>Non-Financial Assets</b> Tangible Capital Assets
				<b>50,842,666</b>	<b>Total Non-Financial Assets</b>
<b>Municipal Position</b>					
Water Reserves	5,911,857	5,911,857	-		
Canada Community-Building Fund Reserve Fund	-	-	-		
Development Charge Reserve Fund	7,347,327	7,347,327	-		
Amounts to be Recovered	(8,570,811)	-	8,570,811		
<b>Total Municipal Position</b>	<b>4,688,373</b>		55,531,039	<b>55,531,039</b>	<b>Accumulated Surplus/(Deficit), end of year</b>
<b>TOTAL ADJUSTMENTS</b>		<b>64,728,850</b>	<b>64,728,850</b>		

**Note:** The combined adjustments above should be balanced and net to \$0 (i.e. Total DR = Total CR)



### **3.2.5 Verification and Note Preparation**

The final step in the conversion process is to ensure that all the statements created by the previous steps are in balance. The Statement of Financial Position summarizes the resources and obligations of the Town at a set point in time. The Statement of Operations summarizes how these resources and obligations changed over the reporting period. To this end, the accumulated surplus/deficit reported on the Statement of Financial Position should equal the accumulated surplus/deficit reported on the Statement of Operations.

The Statement of Change in Net Financial Assets/Debt and the Statement of Financial Position are also linked in terms of reporting on net financial assets/debt. On the Statement of Financial Position, net financial assets/debt is equal to the difference between financial assets and liabilities and should equal net financial assets/debt as calculated on the Statement of Net Financial Assets/Debt.

While not part of the financial plan, the accompanying notes are important to summarize the assumptions and estimates made in preparing the financial plan. Some of the significant assumptions that need to be addressed within the financial plan are as follows:

- a) Opening Cash Balances – Opening cash balances are necessary to complete the Statement of Cash Flows and balance the Statement of Financial Position. Preferably, opening cash balances should be derived from actual information contained within the Town’s ledgers. It may not, however, be possible to extract this information from the ledgers for water alone; therefore, a reasonable proxy will be needed. One approach is to assume that opening cash balances equal ending reserve and reserve fund balances from the previous year adjusted for accrual-based transactions reflected by accounts receivable/payable balances. The following equation outlines this approach:

Ending Reserve/Reserve Fund Balance  
Plus: Ending Accounts Payable Balance  
Less: Ending Accounts Receivable Balance  
Equals: Approximate Ending Cash Balance

- b) Amortization Expense – The method and timing of amortization should be based on the Town’s amortization policy.



- c) Accumulated Amortization – Will be based on the culmination of accumulated amortization expenses throughout the life of each asset however derived, along with information on construction/acquisition date and useful life obtained from the capital asset listing provided.
- d) Contributed Assets – As noted earlier, contributed assets could represent a significant part of the Town’s infrastructure acquisitions. As such, a reasonable estimate of value and timing of acquisition/donation may be required in order to adequately capture these assets. In the case where contributed assets are deemed to be insignificant or unknown, an assumption of “no contributed assets within the forecast period” will be made.
- e) Accumulated Surplus – The magnitude of the surplus in this area may precipitate the need for additional explanation especially in the first year of reporting. This Accumulated Surplus captures the historical infrastructure investment which has not been reported in the past but has accumulated to significant levels. It also includes all water reserve and reserve fund balances.
- f) Other Revenues – Will represent the recognition of minor miscellaneous revenues.



# Chapter 4

## Financial Plan



## 4. Financial Plan

### 4.1 Introduction

---

The following tables provide the complete financial plan for the Town's water system. A brief description and analysis of each table is provided below. It is important to note that the financial plan that follows is a forward look at the financial position of the Town's water system. It is not an audited document<sup>1</sup> and contains various estimates as detailed in the "Notes to the Financial Plan" section below.

Similar tables and analysis for the Town's wastewater financial plan are included in Appendix B.

### 4.2 Water Financial Plan

---

#### ***4.2.1 Statement of Financial Position (Table 4-1)***

The Statement of Financial Position provides information that describes the assets, liabilities, and accumulated surplus of the Town's water system. The first important indicator is net financial assets/(debt), which is defined as the difference between financial assets and liabilities. This indicator provides an indication of the system's "future revenue requirement." A net financial asset position is where financial assets are greater than liabilities and implies that the system has the resources to finance future operations. Conversely, a net debt position implies that the future revenues generated by the system will be needed to finance past transactions, as well as future operations. Table 4-1 indicates that in 2025, the Town's water system will be in a net financial asset position of approximately \$4.69 million. The financial plan forecasts the Town's water system would be in a net debt position for the remainder of the forecast period due to the depletion of reserves and anticipated issuance of new debt to fund the capital program.

Another important indicator in the Statement of Financial Position is the tangible capital asset balance. As noted earlier, providing this information is a requirement for

---

<sup>1</sup> O. Reg. 453/07 does not require an audited financial plan.



municipalities as part of PS 3150 compliance and is significant from a financial planning perspective for the following reasons:

- Tangible capital assets such as water mains and treatment plants are imperative to water service delivery.
- These assets represent significant economic resources in terms of their historical and replacement costs. Therefore, ongoing capital asset management is essential to managing significant replacements and repairs.
- The annual maintenance required by these assets has an enduring impact on water operational budgets.

In general terms, an increase in the tangible capital asset balance indicates that assets may have been acquired either through purchase by the Town or donation/contribution by a third party. A decrease in the tangible capital asset balance can indicate a disposal, write down, or use of assets. The use of assets is usually represented by an increase in accumulated amortization due to annual amortization expenses arising as a result of allocating the cost of the asset to operations over the asset's useful life. Table 4-1 shows that the Town's tangible capital assets are expected to increase by approximately \$77.00 million over the forecast period. This indicates that the Town plans to invest in tangible capital assets in excess of the anticipated use of existing assets over the forecast period.

#### **4.2.2 Statement of Operations (Table 4-2)**

The Statement of Operations summarizes the revenues and expenses generated by the water system for a given period. The annual surplus/deficit measures whether the revenues generated were sufficient to cover the expenses incurred and in turn, whether net financial assets have been maintained or depleted. Table 4-2 illustrates the ratio of expenses to revenues at 70% in 2025 and initially increases to 108% by 2029, before decreasing to 91% by 2034. As a result, annual surpluses ranging from approximately \$863,300 to approximately \$7.35 million are anticipated every year, except 2029, when an annual deficit of approximately \$966,800 is anticipated.

Deficits indicate that the Town is not currently contributing to water reserves at amounts equaling or exceeding amortization expense each year. Amortization, which is a non-cash expense from a full accrual reporting standpoint, is included in operating expenses as shown in Table 4-2. It is important to note that an annual surplus is beneficial to



ensure funding is available to non-expense costs such as tangible capital asset acquisitions, reserve/reserve fund transfers and debt principal payments in the future.

Another important indicator on this statement is accumulated surplus/deficit. An accumulated surplus indicates that the available net resources are sufficient to provide future water services. An accumulated deficit indicates that resources are insufficient to provide future services and that borrowing or rate increases are required to finance annual deficits. From Table 4-2, the financial plan proposes to add approximately \$21.71 million to a 2025 accumulated surplus (at the beginning of the year) of approximately \$51.67 million over the forecast period. This accumulated surplus, as indicated in Table 4-2, is predominantly made up of reserve and reserve fund balances as well as historical investments in tangible capital assets.

#### **4.2.3 Statement of Change in Net Financial Assets/Debt (Table 4-3)**

The Statement of Change in Net Financial Assets/Debt indicates whether revenue generated was sufficient to cover operating and non-financial asset costs (i.e., inventory supplies, prepaid expenses, tangible capital assets, etc.) and in so doing, explains the difference between the annual surplus/deficit and the change in net financial assets/debt for the period.

Table 4-3 indicates that in the years 2025 to 2034, forecasted tangible capital asset acquisitions exceed the forecasted annual surplus, resulting in decreases in the net financial assets balance. This is due to the significant capital assets anticipated to be constructed over the forecast. This is further evidenced by the ratio of cumulative annual surplus before amortization to cumulative tangible capital asset acquisitions initially improving from 0.36 to 0.49 from 2025 to 2027 and then fluctuating between 0.41 and 0.43 from 2030 to 2034 (note: a desirable ratio is 1:1 or better).

#### **4.2.4 Statement of Cash Flow (Table 4-4)**

The Statement of Cash Flow summarizes how the Town's water system is expected to generate and use cash resources during the forecast period. The transactions that provide/use cash are classified as operating, capital, investing, and financing activities as shown in Table 4-4. This statement focuses on the cash aspect of these transactions and thus is the link between cash-based and accrual-based reporting. Table 4-4 indicates that cash from operations will be used to fund capital transactions (i.e., tangible capital asset acquisitions) and build internal reserves and reserve funds



over the forecast period. The financial plan projects the cash position of the Town's water system to decrease from approximately \$24.13 million at the beginning of 2025 to a deficit balance of approximately \$243,600 by the end of 2034. For further discussion on projected cash balances please refer to the Notes to the Financial Plan.



**Table 4-1**  
**Statement of Financial Position: Water Services**  
**UNAUDITED: For Financial Planning Purposes Only**  
**2025-2034**

	Notes	Forecast									
		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
<b>Financial Assets</b>											
Cash	1	13,219,642	5,370,383	205,063	372,541	276,079	702,197	208,355	99,653	-	-
Accounts Receivable	1	849,877	879,795	869,611	975,287	1,025,269	1,098,726	1,212,738	1,341,783	1,440,172	1,546,711
<b>Total Financial Assets</b>		<b>14,069,519</b>	<b>6,250,178</b>	<b>1,074,674</b>	<b>1,347,828</b>	<b>1,301,348</b>	<b>1,800,923</b>	<b>1,421,093</b>	<b>1,441,436</b>	<b>1,440,172</b>	<b>1,546,711</b>
<b>Liabilities</b>											
Bank Indebtedness		-	-	-	-	-	-	-	-	65,427	243,565
Accounts Payable & Accrued Liabilities	1	810,335	837,881	869,946	893,417	931,296	965,214	1,001,093	1,039,092	1,079,382	1,122,151
Debt (Principal only)	2	1,223,484	2,619,404	8,127,214	17,546,964	23,235,903	29,091,966	37,592,215	44,030,523	51,247,604	54,593,785
Deferred Revenue	3	7,347,327	5,179,214	24,839	286,845	188,908	228,050	240,719	123,436	82,207	42,451
<b>Total Liabilities</b>		<b>9,381,146</b>	<b>8,636,499</b>	<b>9,021,999</b>	<b>18,727,226</b>	<b>24,356,107</b>	<b>30,285,230</b>	<b>38,834,027</b>	<b>45,193,051</b>	<b>52,474,620</b>	<b>56,001,952</b>
<b>Net Financial Assets/(Debt)</b>		<b>4,688,373</b>	<b>(2,386,321)</b>	<b>(7,947,325)</b>	<b>(17,379,398)</b>	<b>(23,054,759)</b>	<b>(28,484,307)</b>	<b>(37,412,934)</b>	<b>(43,751,615)</b>	<b>(51,034,448)</b>	<b>(54,455,241)</b>
<b>Non-Financial Assets</b>											
Tangible Capital Assets	4	50,842,666	62,161,743	75,071,024	85,844,463	90,553,030	96,910,911	106,702,852	114,279,112	122,832,524	127,841,319
<b>Total Non-Financial Assets</b>		<b>50,842,666</b>	<b>62,161,743</b>	<b>75,071,024</b>	<b>85,844,463</b>	<b>90,553,030</b>	<b>96,910,911</b>	<b>106,702,852</b>	<b>114,279,112</b>	<b>122,832,524</b>	<b>127,841,319</b>
<b>Accumulated Surplus/(Deficit)</b>	5	<b>55,531,039</b>	<b>59,775,422</b>	<b>67,123,699</b>	<b>68,465,065</b>	<b>67,498,271</b>	<b>68,426,604</b>	<b>69,289,918</b>	<b>70,527,497</b>	<b>71,798,076</b>	<b>73,386,078</b>

  

Financial Indicators	Total Change	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
1) Increase/(Decrease) in Net Financial Assets	(68,558,418)	(9,414,804)	(7,074,694)	(5,561,004)	(9,432,073)	(5,675,361)	(5,429,548)	(8,928,627)	(6,338,681)	(7,282,833)	(3,420,793)
2) Increase/(Decrease) in Tangible Capital Assets	90,271,007	13,272,354	11,319,077	12,909,281	10,773,439	4,708,567	6,357,881	9,791,941	7,576,260	8,553,412	5,008,795
3) Increase/(Decrease) in Accumulated Surplus	21,712,589	3,857,550	4,244,383	7,348,277	1,341,366	(966,794)	928,333	863,314	1,237,579	1,270,579	1,588,002



**Table 4-2**  
**Statement of Operations: Water Services**  
**UNAUDITED: For Financial Planning Purposes Only**  
**2025-2034**

	Notes	Forecast									
		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
<b>Water Revenue</b>											
Base Charge Revenue		1,828,871	2,124,995	2,465,534	2,860,421	3,318,300	3,849,184	4,464,671	5,178,197	6,005,327	6,964,551
Rate Based Revenue		6,256,913	6,576,832	6,908,546	7,188,608	7,408,842	7,636,576	7,795,644	7,958,783	8,126,097	8,298,027
Earned Development Charges and Canada Community-Building Fund Revenue	3	4,277,913	3,645,512	7,637,695	1,285,627	1,644,010	1,434,518	1,505,298	1,678,343	1,648,253	1,694,200
Other Revenue	6	541,281	1,239,805	451,481	962,383	474,616	494,125	497,144	510,794	521,480	532,290
<b>Total Revenues</b>		<b>12,904,978</b>	<b>13,587,144</b>	<b>17,463,256</b>	<b>12,297,039</b>	<b>12,845,768</b>	<b>13,414,403</b>	<b>14,262,757</b>	<b>15,326,117</b>	<b>16,301,157</b>	<b>17,489,068</b>
<b>Water Expenses</b>											
Operating Expenses	Sch. 4-1	7,481,037	7,215,028	7,485,245	7,811,769	10,124,157	8,292,043	8,683,521	8,902,925	9,319,708	9,592,462
Interest on Debt	2	53,745	49,810	110,015	341,343	736,972	975,908	1,221,863	1,578,873	1,849,282	2,152,399
Amortization	4	1,512,646	2,077,923	2,519,719	2,802,561	2,951,433	3,218,119	3,494,059	3,606,740	3,861,588	4,156,205
<b>Total Expenses</b>		<b>9,047,428</b>	<b>9,342,761</b>	<b>10,114,979</b>	<b>10,955,673</b>	<b>13,812,562</b>	<b>12,486,070</b>	<b>13,399,443</b>	<b>14,088,538</b>	<b>15,030,578</b>	<b>15,901,066</b>
<b>Annual Surplus/(Deficit)</b>		<b>3,857,550</b>	<b>4,244,383</b>	<b>7,348,277</b>	<b>1,341,366</b>	<b>(966,794)</b>	<b>928,333</b>	<b>863,314</b>	<b>1,237,579</b>	<b>1,270,579</b>	<b>1,588,002</b>
Accumulated Surplus/(Deficit), beginning of year	5	51,673,489	55,531,039	59,775,422	67,123,699	68,465,065	67,498,271	68,426,604	69,289,918	70,527,497	71,798,076
Accumulated Surplus/(Deficit), end of year		55,531,039	59,775,422	67,123,699	68,465,065	67,498,271	68,426,604	69,289,918	70,527,497	71,798,076	73,386,078
<b>Note 5:</b>											
<b>Accumulated Surplus/(Deficit) Reconciliation:</b>		<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>2031</b>	<b>2032</b>	<b>2033</b>	<b>2034</b>
<b>Reserve Balances</b>											
Reserves: Development Charges		7,347,327	5,179,214	24,839	286,845	188,908	228,050	240,719	123,436	82,207	42,451
Reserves: Canada Community-Building Fund		-	-	-	-	-	-	-	-	-	-
Reserves: Capital/Other		5,911,857	233,083	179,889	167,566	181,144	607,659	179,281	278,908	213,156	138,544
<b>Total Reserves Balance</b>		<b>13,259,184</b>	<b>5,412,297</b>	<b>204,728</b>	<b>454,411</b>	<b>370,052</b>	<b>835,709</b>	<b>420,000</b>	<b>402,344</b>	<b>295,363</b>	<b>180,995</b>
Less: Debt Obligations and Deferred Revenue		(8,570,811)	(7,798,618)	(8,152,053)	(17,833,809)	(23,424,811)	(29,320,016)	(37,832,934)	(44,153,959)	(51,329,811)	(54,636,236)
Add: Tangible Capital Assets	4	50,842,666	62,161,743	75,071,024	85,844,463	90,553,030	96,910,911	106,702,852	114,279,112	122,832,524	127,841,319
<b>Total Ending Balance</b>		<b>55,531,039</b>	<b>59,775,422</b>	<b>67,123,699</b>	<b>68,465,065</b>	<b>67,498,271</b>	<b>68,426,604</b>	<b>69,289,918</b>	<b>70,527,497</b>	<b>71,798,076</b>	<b>73,386,078</b>
<b>Financial Indicators</b>	<b>Total Change</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>	<b>2030</b>	<b>2031</b>	<b>2032</b>	<b>2033</b>	<b>2034</b>
1) Expense to Revenue Ratio		70%	69%	58%	89%	108%	93%	94%	92%	92%	91%
2) Increase/(Decrease) in Accumulated Surplus	21,712,589	3,857,550	4,244,383	7,348,277	1,341,366	(966,794)	928,333	863,314	1,237,579	1,270,579	1,588,002



Schedule 4-1  
Statement of Operating Expenses: Water Services  
UNAUDITED: For Financial Planning Purposes Only  
2025-2034

	Notes	Forecast										
		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	
<b>Operating Expenses</b>												
Salaries - FT		1,823,265	1,868,846	1,915,567	1,963,456	2,012,542	2,062,856	2,114,427	2,167,288	2,221,470	2,277,007	
Salaries - PT		30,313	31,070	31,847	32,643	33,459	34,296	35,153	36,032	36,933	37,856	
Standby Pay		16,037	16,037	16,037	16,037	16,037	16,438	16,849	17,270	17,702	18,144	
OT - Salaries FT		116,164	122,402	128,975	135,901	143,199	146,779	150,448	154,209	158,065	162,016	
Retiree Benefits and Salary Con		4,389	-	-	-	-	-	-	-	-	-	
Emp Benefits - FT		630,573	679,635	720,677	766,049	813,806	854,496	897,221	942,082	989,186	1,038,645	
Emp Benefits - PT		3,698	3,830	3,967	4,111	4,261	4,474	4,698	4,933	5,179	5,438	
Memberships/Subscriptions		18,000	18,500	19,000	19,500	20,000	20,400	20,808	21,224	21,649	22,082	
Professional Assoc Fees		2,650	2,750	2,750	2,750	2,750	2,805	2,861	2,918	2,977	3,036	
Workshops/Training Courses		33,185	42,810	43,410	44,060	44,660	45,553	46,464	47,394	48,341	49,308	
Conferences		19,200	19,880	19,880	19,880	19,880	20,278	20,683	21,097	21,519	21,949	
Mileage		2,000	2,000	2,000	2,000	2,000	2,040	2,081	2,122	2,165	2,208	
Office Equip		1,030	1,030	1,030	1,030	1,030	1,051	1,072	1,093	1,115	1,137	
Office Supplies/Materials		2,040	2,060	2,060	2,060	2,060	2,101	2,143	2,186	2,230	2,274	
Advertising & Promotion		11,800	11,800	11,800	11,800	11,800	12,036	12,277	12,522	12,773	13,028	
Postage/Courier/Fax		500	500	500	500	500	510	520	531	541	552	
Water and Sewer Reading / Billi		219,000	219,000	219,000	219,000	219,000	223,380	227,848	232,405	237,053	241,794	
Prof Fees - Engineering		158,000	160,500	163,500	166,000	169,000	172,380	175,828	179,344	182,931	186,590	
Prof Fees - Consulting		61,000	61,000	62,000	63,000	64,000	65,280	66,586	67,917	69,276	70,661	
Prof Fees - Legal		5,500	5,500	6,000	6,000	6,500	6,630	6,763	6,898	7,036	7,177	
Prof Fees - Other		148,900	149,200	155,100	166,100	161,300	164,526	167,817	171,173	174,596	178,088	
Insurance		146,829	161,513	177,663	195,429	214,973	236,470	260,117	286,129	314,742	346,216	
Insurance Deductibles/Claims		20,000	22,000	24,200	26,620	29,282	32,210	35,431	38,974	42,872	47,159	
Video Production		12,000	12,000	12,000	12,000	12,000	12,240	12,485	12,734	12,989	13,249	
Telephone/Communications		30,305	30,305	30,355	30,405	30,705	31,319	31,945	32,584	33,236	33,901	
Computer Operation & Supplies		35,906	36,562	37,745	38,098	38,275	39,041	39,821	40,618	41,430	42,259	
Inter-Departmental		488,405	498,173	508,137	518,299	528,665	539,239	550,023	561,024	572,244	583,689	
Inter-Departmental - IT		184,282	187,968	191,727	195,562	199,473	203,462	207,531	211,682	215,916	220,234	
Uniforms		12,450	12,699	15,450	15,759	16,074	16,396	16,724	17,058	17,399	17,747	
Outside Srv		340,100	334,220	352,246	356,479	361,569	368,800	376,176	383,700	391,374	399,201	
Outside Laboratory Srv		83,550	83,900	86,000	86,500	86,750	88,485	90,255	92,060	93,901	95,779	
Outside Srv - Compliance		10,000	10,000	10,000	10,000	10,000	10,200	10,404	10,612	10,824	11,041	
Outside Srv - Electrical Preven		26,750	27,000	27,250	27,500	27,750	28,305	28,871	29,449	30,037	30,638	
Outside Srv - Mechanical Preven		202,000	204,000	206,000	208,000	210,000	214,200	218,484	222,854	227,311	231,857	
Outside Srv - Instrumentation P		125,000	126,000	127,000	128,000	129,000	131,580	134,212	136,896	139,634	142,426	
Outside Srv - Bldg, Reservoir &		76,500	78,000	79,500	81,000	82,500	84,150	85,833	87,550	89,301	91,087	
SCADA Mtc		60,568	62,991	64,674	66,412	68,068	69,429	70,818	72,234	73,679	75,153	
Natural Gas		21,711	22,797	23,937	25,134	26,390	29,029	31,932	35,125	38,638	42,501	
Hydro		508,529	559,382	615,320	676,852	744,537	818,991	900,890	990,979	1,090,077	1,199,084	



Schedule 4-1 (continuation)  
Statement of Operating Expenses: Water Services  
UNAUDITED: For Financial Planning Purposes Only  
2025-2034

	Notes	Forecast									
		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
<b>Operating Expenses</b>											
Mtc Equip		35,800	40,600	41,400	41,400	41,450	42,279	43,125	43,987	44,867	45,764
Small Equip		78,950	80,000	82,050	83,100	84,150	85,833	87,550	89,301	91,087	92,908
After Hours Dispatch		7,150	7,293	7,439	7,588	7,739	7,894	8,052	8,213	8,377	8,545
Property Tax		23,290	24,222	25,190	26,198	27,246	28,336	29,469	30,648	31,874	33,149
Payment in-lieu of Tax		22,800	22,800	22,800	22,800	22,800	22,800	22,800	22,800	22,800	22,800
Chemicals		100,780	110,858	121,944	134,138	147,552	162,307	178,538	196,392	216,031	237,634
Materials & Supplies		231,000	233,000	236,000	238,000	245,000	249,900	254,898	259,996	265,196	270,500
Outside Srv - Planned Mtc		100,000	100,000	105,000	110,000	115,000	117,300	119,646	122,039	124,480	126,969
Outside Srv - Main Breaks		32,500	35,000	37,500	40,000	42,500	43,350	44,217	45,101	46,003	46,923
Pardon		7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500
Toilet Rebate Program		8,000	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500
Rain Barrels		7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500
Meter and Conservation Devices		25,000	25,000	30,000	30,000	30,000	30,600	31,212	31,836	32,473	33,122
Water Softner Rebate Program		2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500
Prof Fees - One Call		6,000	6,120	6,242	6,367	6,495	6,624	6,757	6,892	7,030	7,171
Software Support & Licences		7,500	7,650	7,803	7,959	8,118	8,281	8,446	8,615	8,787	8,963
Special Projects		3,000	3,060	3,121	3,184	3,247	3,312	3,378	3,446	3,515	3,585
Software Agreemts		98,180	105,680	110,680	112,894	115,151	117,455	119,804	122,200	124,644	127,137
Server Mtc		5,000	5,100	5,202	5,306	5,412	5,520	5,631	5,743	5,858	5,975
Vehicle Mtc Costs/Parts		61,015	62,259	63,794	64,846	66,168	67,491	68,841	70,218	71,622	73,055
Fuel		44,395	45,727	47,099	48,512	49,967	50,966	51,986	53,025	54,086	55,168
Vehicle Licenses		5,300	5,406	5,514	5,624	5,736	5,851	5,968	6,087	6,209	6,333
Leased Vehicle Exp		115,473	117,784	120,139	60,403	31,392	32,020	32,660	33,313	33,980	34,659
Other Staffing Costs		133,276	136,608	140,023	143,524	233,238	239,069	245,045	251,172	257,451	263,887
Non TCA - Expenses from Capital Budget	7	627,000	128,000	127,000	255,000	2,247,000	128,000	216,000	114,000	190,000	101,000
<b>TOTAL OPERATING EXPENSES</b>		<b>7,481,037</b>	<b>7,215,028</b>	<b>7,485,245</b>	<b>7,811,769</b>	<b>10,124,157</b>	<b>8,292,043</b>	<b>8,683,521</b>	<b>8,902,925</b>	<b>9,319,708</b>	<b>9,592,462</b>



Table 4-3  
Statement of Changes in Net Financial Assets/Debt: Water Services  
UNAUDITED: For Financial Planning Purposes Only  
2025-2034

	Notes	Forecast									
		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Annual Surplus/(Deficit)		3,857,550	4,244,383	7,348,277	1,341,366	(966,794)	928,333	863,314	1,237,579	1,270,579	1,588,002
Less: Acquisition of Tangible Capital Assets	4	(14,785,000)	(13,397,000)	(15,429,000)	(13,576,000)	(7,660,000)	(9,576,000)	(13,286,000)	(11,183,000)	(12,415,000)	(9,165,000)
Add: Amortization of Tangible Capital Assets	4	1,512,646	2,077,923	2,519,719	2,802,561	2,951,433	3,218,119	3,494,059	3,606,740	3,861,588	4,156,205
(Gain)/Loss on disposal of Tangible Capital Assets		-	(22,689)	(41,600)	-	(24,810)	-	(41,600)	-	-	-
Add: Proceeds on Disposal of Tangible Capital Assets		-	22,689	41,600	-	24,810	-	41,600	-	-	-
Add: Write-downs of Tangible Capital Assets		-	-	-	-	-	-	-	-	-	-
<b>Sub-Total</b>		<b>(13,272,354)</b>	<b>(11,319,077)</b>	<b>(12,909,281)</b>	<b>(10,773,439)</b>	<b>(4,708,567)</b>	<b>(6,357,881)</b>	<b>(9,791,941)</b>	<b>(7,576,260)</b>	<b>(8,553,412)</b>	<b>(5,008,795)</b>
Less: Acquisition of Prepaid Expenses		-	-	-	-	-	-	-	-	-	-
Add: Use of Prepaid Expenses		-	-	-	-	-	-	-	-	-	-
<b>Sub-Total</b>		<b>-</b>									
<b>Increase/(Decrease) in Net Financial Assets/(Net Debt)</b>		<b>(9,414,804)</b>	<b>(7,074,694)</b>	<b>(5,561,004)</b>	<b>(9,432,073)</b>	<b>(5,675,361)</b>	<b>(5,429,548)</b>	<b>(8,928,627)</b>	<b>(6,338,681)</b>	<b>(7,282,833)</b>	<b>(3,420,793)</b>
Net Financial Assets/(Net Debt), beginning of year		14,103,177	4,688,373	(2,386,321)	(7,947,325)	(17,379,398)	(23,054,759)	(28,484,307)	(37,412,934)	(43,751,615)	(51,034,448)
<b>Net Financial Assets/(Net Debt), end of year</b>		<b>4,688,373</b>	<b>(2,386,321)</b>	<b>(7,947,325)</b>	<b>(17,379,398)</b>	<b>(23,054,759)</b>	<b>(28,484,307)</b>	<b>(37,412,934)</b>	<b>(43,751,615)</b>	<b>(51,034,448)</b>	<b>(54,455,241)</b>

  

Financial Indicators	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
1) Acquisition of Tangible Capital Assets (Cumulative)	14,785,000	28,182,000	43,611,000	57,187,000	64,847,000	74,423,000	87,709,000	98,892,000	111,307,000	120,472,000
2) Annual Surplus/Deficit before Amortization (Cumulative)	5,370,196	11,692,502	21,560,498	25,704,425	27,689,064	31,835,516	36,192,889	41,037,208	46,169,375	51,913,582
3) Ratio of Annual Surplus before Amortization to Acquisition of TCAs (Cumulative)	0.36	0.41	0.49	0.45	0.43	0.43	0.41	0.41	0.41	0.43



Table 4-4  
Statement of Cash Flow – Indirect Method: Water Services  
UNAUDITED: For Financial Planning Purposes Only  
2025-2034

	Notes	Forecast									
		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
<b>Operating Transactions</b>											
Annual Surplus/Deficit		3,857,550	4,244,383	7,348,277	1,341,366	(966,794)	928,333	863,314	1,237,579	1,270,579	1,588,002
Add: Amortization of TCAs	4	1,512,646	2,077,923	2,519,719	2,802,561	2,951,433	3,218,119	3,494,059	3,606,740	3,861,588	4,156,205
(Gain)/Loss on disposal of Tangible Capital Assets		-	(22,689)	(41,600)	-	(24,810)	-	(41,600)	-	-	-
Less: Earned Deferred Revenue	3	(4,277,913)	(3,645,512)	(7,637,695)	(1,285,627)	(1,644,010)	(1,434,518)	(1,505,298)	(1,678,343)	(1,648,253)	(1,694,200)
Add: Deferred Revenue Proceeds		2,963,393	1,477,399	2,483,320	1,547,633	1,546,073	1,473,660	1,517,967	1,561,060	1,607,024	1,654,444
Change in A/R (Increase)/Decrease		(101,742)	(29,918)	10,184	(105,676)	(49,983)	(73,457)	(114,012)	(129,045)	(98,389)	(106,539)
Change in A/P Increase/(Decrease)		31,609	27,546	32,065	23,471	37,879	33,918	35,879	37,999	40,290	42,769
Less: Interest Proceeds		(115,919)	(4,570)	(3,527)	(3,286)	(3,552)	(11,915)	(3,515)	(5,469)	(4,180)	(2,717)
<b>Cash Provided by Operating Transactions</b>		<b>3,869,624</b>	<b>4,124,562</b>	<b>4,710,743</b>	<b>4,320,442</b>	<b>1,846,237</b>	<b>4,134,140</b>	<b>4,246,794</b>	<b>4,630,521</b>	<b>5,028,660</b>	<b>5,637,964</b>
<b>Capital Transactions</b>											
Proceeds on Disposal of Tangible Capital Assets		-	22,689	41,600	-	24,810	-	41,600	-	-	-
Less: Cash Used to acquire Tangible Capital Assets	4	(14,785,000)	(13,397,000)	(15,429,000)	(13,576,000)	(7,660,000)	(9,576,000)	(13,286,000)	(11,183,000)	(12,415,000)	(9,165,000)
<b>Cash Applied to Capital Transactions</b>		<b>(14,785,000)</b>	<b>(13,374,311)</b>	<b>(15,387,400)</b>	<b>(13,576,000)</b>	<b>(7,635,190)</b>	<b>(9,576,000)</b>	<b>(13,244,400)</b>	<b>(11,183,000)</b>	<b>(12,415,000)</b>	<b>(9,165,000)</b>
<b>Investing Transactions</b>											
Proceeds from Investments		115,919	4,570	3,527	3,286	3,552	11,915	3,515	5,469	4,180	2,717
Less: Cash Used to Acquire Investments		-	-	-	-	-	-	-	-	-	-
<b>Cash Provided by (applied to) Investing Transactions</b>		<b>115,919</b>	<b>4,570</b>	<b>3,527</b>	<b>3,286</b>	<b>3,552</b>	<b>11,915</b>	<b>3,515</b>	<b>5,469</b>	<b>4,180</b>	<b>2,717</b>
<b>Financing Transactions</b>											
Proceeds from Debt Issue	2	-	1,500,000	5,600,000	9,700,000	6,300,000	6,700,000	9,600,000	7,900,000	9,000,000	5,500,000
Less: Debt Repayment (Principal only)	2	(106,042)	(104,080)	(92,190)	(280,250)	(611,061)	(843,937)	(1,099,751)	(1,461,692)	(1,782,920)	(2,153,819)
<b>Cash Applied to Financing Transactions</b>		<b>(106,042)</b>	<b>1,395,920</b>	<b>5,507,810</b>	<b>9,419,750</b>	<b>5,688,939</b>	<b>5,856,063</b>	<b>8,500,249</b>	<b>6,438,308</b>	<b>7,217,080</b>	<b>3,346,181</b>
Increase in Cash and Cash Equivalents		(10,905,499)	(7,849,259)	(5,165,320)	167,478	(96,462)	426,118	(493,842)	(108,702)	(165,080)	(178,138)
Cash and Cash Equivalents, beginning of year	1	24,125,141	13,219,642	5,370,383	205,063	372,541	276,079	702,197	208,355	99,653	(65,427)
<b>Cash and Cash Equivalents, end of year</b>	<b>1</b>	<b>13,219,642</b>	<b>5,370,383</b>	<b>205,063</b>	<b>372,541</b>	<b>276,079</b>	<b>702,197</b>	<b>208,355</b>	<b>99,653</b>	<b>(65,427)</b>	<b>(243,565)</b>



## Water

### Notes to Financial Plan

The financial plan format as outlined in Chapter 4 closely approximates the full accrual format used by municipalities (2009 onward) on their audited financial statements. However, the financial plan is not an audited document and contains various estimates. In this regard, Section 3 (2) of O. Reg. 453/07 states the following:

“Each of the following sub-subparagraphs applies only if the information referred to in the sub-subparagraph is known to the owner at the time the financial plans are prepared:

1. Sub-subparagraphs 4 i A, B and C of subsection (1)
2. Sub-subparagraphs 4 iii A, C, E and F of subsection (1).”

The information referred to in sub-subparagraphs 4 if A, B and C of subsection (1) includes:

- A. Total financial assets (i.e., cash and receivables);
- B. Total liabilities (i.e., payables, debt, and deferred revenue);
- C. Net debt (i.e., the difference between A and B above).

The information referred to in sub-subparagraphs 4 iii A, C, E and F of subsection (1) includes:

- A. Operating transactions are cash received from revenues, cash paid for operating expenses and finance charges.
- B. Investing transactions that are acquisitions and disposal of investments.
- C. Changes in cash and cash equivalents during the year.
- D. Cash and cash equivalents at the beginning and end of the year.

In order to show a balanced financial plan in a full accrual format for the Town, some of the items listed above have been estimated given that the Town does not maintain all financial asset and liability data separately for water. Usually, this type of data is combined with the financial assets and liabilities of other departments and services given that there is not a current obligation to disclose this data separately (as there is with revenue and expenses).



The assumptions used have been documented below:

## 1. Cash, Receivables and Payables

It is assumed that the opening cash balances required to complete the financial plan are equal to:

Ending Reserve/Reserve Fund Balance  
*Plus:* Ending Accounts Payable Balance  
*Less:* Ending Accounts Receivable Balance  
*Equals:* *Approximate Ending Cash Balance*

For the Town, receivable and payable balances were estimated for each year of the forecast based on the following factors:

- a) Receivables: Based on historical levels of water and wastewater receivables (provided by Town staff) as a percentage of annual water and wastewater revenue earned (as per the 2021 to 2023 Financial Information Returns (F.I.R.s)); and
- b) Payables: Based on historical levels of Town-wide payables as a percentage of annual expenses incurred by the Town (as per the 2021 to 2023 F.I.R.s).

## 2. Debt

Outstanding water related debt anticipated at the beginning of 2025, is forecasted to be approximately \$129,500 with additional debt proceeds anticipated throughout the forecast period.



Estimated principal repayments over the forecast period are scheduled as follows:

Year	Principal Payments
2025	106,042
2026	104,080
2027	92,190
2028	280,250
2029	611,061
2030	843,937
2031	1,099,751
2032	1,461,692
2033	1,782,920
2034	2,153,819
<b>Total</b>	<b>8,535,742</b>

For financial reporting purposes, debt principal payments represent a decrease in debt liability and the interest payments represent a current year operating expense.

### 3. Deferred Revenue

Deferred revenue is typically made up of water development charge (D.C.), and Canada Community-Building Fund (C.C.B.F.) fund balances which are considered to be a liability for financial reporting purposes until the funds are used to emplace the works for which they have been collected.

The Town collects water D.C.s and uses some funding from the C.C.B.F. for water services. The C.C.B.F. amount budgeted for water is assumed to be used in the year it is received resulting in a zero balance in the C.C.B.F. reserve fund related to water services over the forecast period.

### 4. Tangible Capital Assets

- Opening net book value of tangible capital assets includes water related assets in the following categories:
  - i. Facility Assets;
  - ii. Distribution Assets (watermains, appurtenances, hydrants, valves, etc.);



- iii. Water Meters; and
  - iv. Machinery and Equipment Assets, including Vehicles.
- Amortization is calculated based on the straight-line approach with half year amortization applied in the year of acquisition or construction and in the last year of the asset's useful life.
  - Write-offs are assumed to equal \$0 for each year in the forecast period.
  - Tangible capital assets are shown on a net basis. It is assumed that disposals occur when the asset is being replaced. To calculate the value of each asset disposal, the replacement value (of each new asset that has been identified as a "replacement") has been deflated (by weighted average useful life for all assets on hand in the respective asset category) to an estimated historical cost. This figure was used to calculate disposals only. Future assets are disposed of when fully amortized.
  - Gains/losses on disposal for all assets except vehicles are assumed to be \$0 (it is assumed that historical cost is equal to accumulated amortization for all disposals). For vehicles, gains/losses on disposal have been estimated based on the anticipated trade-in values in the year of disposal.
  - Residual value is assumed to be \$0 for all assets contained within the forecast period.
  - Contributed Assets, as described in Section 3.2.1, are deemed to be insignificant or unknown during the forecast period and are therefore assumed to be \$0.
  - The Town does not have any lead service piping in the municipal water system.



The balance of tangible capital assets is summarized as follows:

Asset Historical Cost	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Opening Tangible Capital Asset Balance	60,931,085	71,899,936	83,059,462	96,898,564	109,484,053	115,953,433	124,932,176	137,497,918	146,705,002	156,683,769
Acquisitions	14,785,000	13,397,000	15,429,000	13,576,000	7,660,000	9,576,000	13,286,000	11,183,000	12,415,000	9,165,000
Disposals	3,816,149	2,237,474	1,589,898	990,511	1,190,620	597,257	720,258	1,975,916	2,436,233	2,367,329
<b>Closing Tangible Capital Asset Balance</b>	<b>71,899,936</b>	<b>83,059,462</b>	<b>96,898,564</b>	<b>109,484,053</b>	<b>115,953,433</b>	<b>124,932,176</b>	<b>137,497,918</b>	<b>146,705,002</b>	<b>156,683,769</b>	<b>163,481,440</b>
Opening Accumulated Amortization	23,360,773	21,057,270	20,897,719	21,827,540	23,639,590	25,400,403	28,021,265	30,795,066	32,425,890	33,851,245
Amortization Expense	1,512,646	2,077,923	2,519,719	2,802,561	2,951,433	3,218,119	3,494,059	3,606,740	3,861,588	4,156,205
Amortization on Disposal	3,816,149	2,237,474	1,589,898	990,511	1,190,620	597,257	720,258	1,975,916	2,436,233	2,367,329
<b>Ending Accumulated Amortization</b>	<b>21,057,270</b>	<b>20,897,719</b>	<b>21,827,540</b>	<b>23,639,590</b>	<b>25,400,403</b>	<b>28,021,265</b>	<b>30,795,066</b>	<b>32,425,890</b>	<b>33,851,245</b>	<b>35,640,121</b>
<b>Net Book Value</b>	<b>50,842,666</b>	<b>62,161,743</b>	<b>75,071,024</b>	<b>85,844,463</b>	<b>90,553,030</b>	<b>96,910,911</b>	<b>106,702,852</b>	<b>114,279,112</b>	<b>122,832,524</b>	<b>127,841,319</b>



## 5. Accumulated Surplus

Opening accumulated surplus for the forecast period is reconciled as follows:

Water	2025 Opening Accumulated Surplus
<b>Reserve Balances</b>	
Reserves: Development Charges	8,661,847
Reserves: Canada Community-Building Fund	-
Reserves: Capital/Other	15,432,703
<b>Total Reserves Balance</b>	<b>24,094,550</b>
Less: Debt Obligations and Deferred Revenue	(9,991,373)
Less: Unfinanced Capital	-
Add: Long-term Accounts Receivable	-
Add: Tangible Capital Assets	37,570,312
<b>Total Opening Balance</b>	<b>51,673,489</b>

The accumulated surplus reconciliation for all years within the forecast period is contained in Table 4-2.

## 6. Other Revenue

Other revenue consists of miscellaneous revenues including those from municipal service agreements with the Town of Mono and the Township of Amaranth, rental revenues, service charges, sales of meters and conservation devices, miscellaneous sales, and interest earnings.

## 7. Operating Expenses

Capital expenditures for items not meeting the definition of tangible capital assets have been reclassified as operating expenses and have been expensed in the year in which they occur.



# Chapter 5

## Process for Financial Plan Approval and Submission to the Province



## 5. Process for Financial Plan Approval and Submission to the Province

As mentioned in section 1.2, preparation and approval of a financial plan for water assets that meets the requirements of the Act is mandatory for municipal water providers. Proof of the plan preparation and approval is a key submission requirement for municipal drinking water licensing and, upon completion, must be submitted to the MECP. The process established for plan approval, public circulation and filing is set out in O. Reg. 453/07 and can be summarized as follows:

1. The financial plan must be approved by resolution of Council of the municipality who owns the drinking water system or the governing body of the owner. (O. Reg. 453/07, section 3 (1) 1).
2. The owner of the drinking water system must provide notice advertising the availability of the financial plan. The plans will be made available to the public upon request and without charge. The plans must also be made available to the public on the municipality's website. (O. Reg. 453/07, section 3 (1) 5).
3. The owner of the drinking water system must provide a copy of the financial plan to the Director of Policy Branch, Ministry of Municipal Affairs and Housing. (O. Reg. 453/07, section 3 (1) 6).
4. The owner of the drinking water system must provide proof satisfactory to the Director that the financial plans for the system satisfy the requirements under the *Safe Drinking Water Act*. (S.D.W.A. section 32 (5) 2. ii.).



# Chapter 6

## Recommendations



## 6. Recommendations

This report presents the water and wastewater financial plans for the Town of Orangeville in accordance with the mandatory reporting formats for water systems as detailed in O. Reg. 453/07. It is important to note that while mandatory for water, the financial plan is provided for Council's interest and approval however, for decision making purposes, it may be more informative to rely on the information contained within the Town's 2024 Rate Study. Nevertheless, Council is required to pass certain resolutions with regard to this plan and regulations and it is recommended that:

1. The Town of Orangeville Water and Wastewater Financial Plan prepared by Watson & Associates Economists Ltd. dated March 31, 2025, be approved.
2. Notice of availability of the Financial Plan be advertised.
3. The Financial Plan dated March 31, 2025, be submitted to the Ministry of Municipal Affairs and Housing. (O. Reg. 453/07, Section 3 (1) 6)
4. The Council Resolution approving the Financial Plan be submitted to the Ministry of the Environment, Conservation and Parks satisfying the requirements under the *Safe Drinking Water Act*. (S.D.W.A. Section 32 (5) 2 ii).



# Appendix A

## Water and Wastewater 2024 Rate Study Summary Tables



Table A-1  
Town of Orangeville  
Water Capital Budget Forecast (uninflated \$)

Description	Budget 2024	Total 2025-2034	Forecast										
			2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	
<b>Capital Expenditures</b>													
13961.0000 CF - Water Meter & Billing Upg	299,991	5,635,502	4,508,402	1,127,100	-	-	-	-	-	-	-	-	-
Town Wells Eavestrough Installation	-	60,000	60,000										
20417.3905 CF - Variable Frequency DriveWell 5	26,967	-	-	-	-	-	-	-	-	-	-	-	-
26046.0000 Wtrmn & Valve Replace:Rotary	325,700	-	-	-	-	-	-	-	-	-	-	-	-
33304.0000 Supply & Instal Replce NTU&CL2	440,000	-	-	-	-	-	-	-	-	-	-	-	-
33305.0000 Watermain Rehabilitation Program	217,500	8,570,300				1,714,060	1,714,060				1,714,060	1,714,060	1,714,060
B1293.0000 Watermain and Valve Replacement: Third Street and Fourth Avenue	-	1,040,000				120,000	-	-	-	920,000	-	-	-
B1305.0000 Watermain and Valve Replacement: Zehrs Backlane Easement	-	827,000	-			96,000		-	-	731,000	-	-	-
B1366.0000 WSR Water Shut Off Valve	-	75,000	75,000	-	-	-	-	-	-	-	-	-	-
B1419.0000 Replacement of Enclosed Water Works Trailer	-	35,000	-	-	-	-	-	-	-	-	-	-	35,000
B1491.0000 Trench Box Replacement	-	56,000	26,000	-	-	-	-	-	-	-	-	-	30,000
1070 Water Treatment Facility	-	-	-	-	-	-	-	-	-	-	-	-	-
26047.1070 Portable GeneratorWater Treatment Facility	157,329	-	-	-	-	-	-	-	-	-	-	-	-
3910 Well 10	-	-	-	-	-	-	-	-	-	-	-	-	-
3950 Reservoirs	-	-	-	-	-	-	-	-	-	-	-	-	-
B1313.3950 Reservoir Cleaning and Inspections	-	444,000	-	-	70,000	70,000	-	24,000	140,000	70,000	70,000	-	-
4036 Parks Landscape Trailer	-	-	-	-	-	-	-	-	-	-	-	-	-
21001.4813 Large EquipWA Landscaping Trailer	28,000	-	-	-	-	-	-	-	-	-	-	-	-
33306.0000 Valve Turner Replacement	130,000	135,000	-	-	-	-	-	-	-	-	-	-	135,000
B1345.4036 Trenchbox Trailer Replacement	-	11,500	-	11,500	-	-	-	-	-	-	-	-	-
4801 WA Truck 7	-	-	-	-	-	-	-	-	-	-	-	-	-
B1347.4000 Truck 7 Replacement	-	187,000	-	-	-	-	-	-	187,000	-	-	-	-
4802 WA Truck 12	-	-	-	-	-	-	-	-	-	-	-	-	-
B1348.4000 Truck 12 Replacement	-	182,000	-	-	-	-	-	182,000	-	-	-	-	-
4804 WA Truck 20	-	-	-	-	-	-	-	-	-	-	-	-	-
B1349.4000 Truck 20 Replacement	-	110,000	-	-	-	-	110,000	-	-	-	-	-	-
4805 WA Backhoe #3	-	-	-	-	-	-	-	-	-	-	-	-	-
B1350.4805 Backhoe 3 Replacement	-	281,000	-	-	-	-	281,000	-	-	-	-	-	-
4810 WA Backhoe #1	-	-	-	-	-	-	-	-	-	-	-	-	-
21000.4810 VehiclesWA Backhoe #1	220,000	-	-	-	-	-	-	-	-	-	-	-	-
4812 WA Mini Excavator - 27D	-	-	-	-	-	-	-	-	-	-	-	-	-
B1083.4812 Equipment Replacement - Mini Excavator	-	-	-	-	-	-	-	-	-	-	-	-	-
11813.0000 Engineering Standards Update	-	75,000	25,000	-	-	-	-	50,000	-	-	-	-	-
13986.0000 CF - Climate Change	-	12,500	12,500	-	-	-	-	-	-	-	-	-	-
21000.4810 -- Backhoe #1	-	250,000	-	-	-	-	-	-	-	-	-	-	250,000
26048.0000 Shed	-	60,000	-	-	-	60,000	-	-	-	-	-	-	-
31115.0000 CF - Recon - Centennial	200,000	-	-	-	-	-	-	-	-	-	-	-	-
31116.0000 CF - Recon Church St	610,000	-	-	-	-	-	-	-	-	-	-	-	-



Table A-1 (continued)  
Town of Orangeville  
Water Capital Budget Forecast (uninflated \$)

Description	Budget 2024	Total 2025-2034	Forecast											
			2025	2026	2027	2028	2029	2030	2031	2032	2033	2034		
<b>Capital Expenditures</b>														
31119.0000 Recon - Victoria St - Ontario to John	-	516,000	438,600	77,400										
31120.0000 Recon - Ontario St. Vic to Pri	-	250,000	212,500	37,500	-	-	-	-	-	-	-	-	-	-
31121.0000 Recon - Cardwell St, Townline	17,337	256,663		218,164	38,499	-	-	-	-	-	-	-	-	-
31122.0000 Recon - Cardwell St, Dufferin	-	502,626	-	-	-					427,232	75,394	-	-	-
31123.0000 Recon - Dufferin St, John to O	-	676,000		574,600	101,400	-	-	-	-	-	-	-	-	-
31124.0000 Recon - Third Ave, 1st St to 2nd St	-	302,000		256,700	45,300									
31125.0000 Recon - Third Ave, 2nd St to 3rd St	-	323,000			274,550	48,450	-	-	-	-	-	-	-	-
31126.0000 Recon - Steven St	-	280,000			238,000	42,000	-	-	-	-	-	-	-	-
31127.0000 Recon - Andrew St	-	391,000			332,350	58,650	-	-	-	-	-	-	-	-
31128.0000 Bythia Street (Court) Reconstruction	-	342,000				290,700	51,300	-	-	-	-	-	-	-
B0982.0000 Recon - Carlton Dr - Madison to Lawrence	-	730,000				100,000	535,500	94,500						
B1004.0000 Recon - Erindale, Dufferin to Princess St	-	687,000	-	-	-	583,950	103,050	-	-	-	-	-	-	-
B1009.0000 Recon - Zina St, First St to Louisa	-	737,000	-	-	-	-	-	-	-	-	-	626,450	110,550	-
B1014.0000 Recon - Amanda, Townline to Parsons	-	566,000	-	-	-	-	-	-	-	-	481,100	84,900	-	-
B1015.0000 Recon - Amanda, Parsons to Front	-	418,000	-	-	-	-	-	-	-	-	355,300	62,700	-	-
B1195.0000 Recon of Edelwild Century to Parkview	-	845,000		100,000	633,250	111,750	-	-	-	-	-	-	-	-
B1273.0000 Recon Bythia St Townline to Church	-	778,000									661,300	116,700	-	-
B1278.0000 Reconstruction of Dufferin Street - Erindale to Ontario	-	545,000	-	-	-	463,250	81,750	-	-	-	-	-	-	-
B1331.0000 C-Line Reconstruction Century to Town Line	-	700,000	-	-	-	-	-	-	-	-	-	595,000	105,000	-
B1332.0000 John Street Reconstruction Townline to Corp Limits	-	571,000	-	-	-	485,350	85,650	-	-	-	-	-	-	-
B1359.0000 Caledonia Road Reconstruction	-	342,000	-	-	-	-	-	27,000	267,750	47,250	-	-	-	-
B1360.0000 Hillside Drive Reconstruction	-	212,500	-	-	-	-	-	-	-	-	-	23,500	189,000	-
B1414.4000 Fleet Management Plan	-	10,800	10,800											
B1467.4824 Vehicle 34 Purchase	-	145,000	70,000	-	-	-	-	-	-	-	75,000	-	-	-
B1490.4392 Vehicle 53 Replacement	-	33,500								33,500				
B1497.0000 Recon/Widening - Fourth Ave: Third St to Hwy #10	-	870,000	-	-	-	-	-	-	100,000	-	654,500	115,500	-	-
B1503.0000 Hybrid Recon - Hillsdale, Goldgate and Darsam	-	885,000	-	-	-	-	-	60,000	701,250	123,750	-	-	-	-
B1504.0000 Recon - Church St: John to Bythia	-	280,000	-	-	-	-	-	-	-	-	-	40,000	240,000	-
B1505.0000 Recon - Bythia: Church to Hillside	-	280,710	-	-	-	30,000	213,104	37,607	-	-	-	-	-	-
B1548.0000 Hybrid Reconstruction of Avonmore and Johanna	-	550,000	-	467,500	82,500	-	-	-	-	-	-	-	-	-
B1463.4800 Vehicle 18 Replacement	-	78,000	-	-	-	78,000	-	-	-	-	-	-	-	-
B1456.4803 Vehicle 14 Replacement	-	175,000	-	-	85,000	-	-	-	-	-	-	-	90,000	-
B1469.4804 Vehicle 20 Replacement	-	120,000	-	-	-	-	120,000	-	-	-	-	-	-	-
B1452.4807 Vehicle 17 Replacement	-	150,500	-	72,500	-	-	-	-	-	-	-	78,000	-	-
B1454.4808 Vehicle 22 Replacement	-	150,500	-	72,500	-	-	-	-	-	-	-	78,000	-	-
B1457.4809 Vehicle 23 Replacement	-	155,000	-	-	75,000	-	-	-	-	-	-	-	80,000	-
B1458.4815 Vehicle 24 Replacement	-	155,000	-	-	75,000	-	-	-	-	-	-	-	80,000	-



Table A-1 (continued)  
Town of Orangeville  
Water Capital Budget Forecast (uninflated \$)

Description	Budget 2024	Total 2025-2034	Forecast										
			2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	
<b>Capital Expenditures</b>													
B1461.4817 Vehicle 28 Replacement	-	155,000	-	-	75,000	-	-	-	-	-	-	-	80,000
B1464.4819 Vehicle 29 Replacement	-	78,000	-	-	-	78,000	-	-	-	-	-	-	-
B1473.4820 Vehicle 31 Replacement	-	86,000	-	-	-	-	-	86,000	-	-	-	-	-
B1565.0000 Dayforce Optimization and Enhancement Initiative	-	36,000	36,000	-	-	-	-	-	-	-	-	-	-
20389.0000 CRM System Upgrade	-	15,000	15,000	-	-	-	-	-	-	-	-	-	-
B1407.0000 Website Updates	-	33,000	15,000	-	-	-	-	-	18,000	-	-	-	-
<b>Lifecycle:</b>													
Water Facilities	-	10,000,000									3,000,000	3,500,000	3,500,000
<b>Studies:</b>													
Town Wells Building Condition Assessment	-	220,000				100,000						120,000	
<b>Growth Related:</b>													
<b>Town-Wide</b>													
11721.0000 Water Optimization Study	-	350,000	350,000	-	-	-	-	-	-	-	-	-	-
11824.0000 Water and Wastewater Rate Study	60,000	-	-	-	-	-	-	-	-	-	-	-	-
11824.0000 Water and Wastewater Rate Study	-	114,000	-	-	-	-	-	54,000	-	-	-	-	60,000
B0925.0000 Elevated Water Storage Facility (Northwest Sector)	-	15,000,000	-			600,000	1,200,000	6,600,000	6,600,000	-	-	-	-
13950.0000 CF - Water Supply	-	11,150,000	1,500,000	1,500,000	3,283,180	4,866,820	-	-	-	-	-	-	-
33088.0000 Well 6 and 11 Treatment Analysis	-	1,791,000					1,791,000						
33099.0000 CF - Well Treatment - GUDI Upg	1,355,985	6,888,015	2,755,206	2,755,206	1,377,603	-	-	-	-	-	-	-	-
B0927.0000 Well 9A & 9B Treatment Upgrades	-	3,000,000		250,000	2,750,000	-	-	-	-	-	-	-	-
B1067.0000 District Water Metering	-	2,850,000	-	-	-	-	-	-	250,000	1,350,000	1,250,000	-	-
26043.0000 Dawson Rd watermain ext	686,400	-	-	-	-	-	-	-	-	-	-	-	-
B0058.0000 Zone 3B PRV/PSV Zone Valves	-	622,000	-	-	-	-	-	-	58,000	564,000	-	-	-
<b>SCADA Projects</b>													
11803.0000 CF - SCADA Master Plan	150,000	-	-	-	-	-	-	-	-	-	-	-	-
B1423.0000 SCADA Upgrade	-	1,970,000	150,000	200,000	1,325,000	295,000	-	-	-	-	-	-	-
20330.0000 CF - SCADA Systems	-	581,968	465,574	116,394	-	-	-	-	-	-	-	-	-
<b>Projects with Growth-Related SCADA Component</b>													
21181.1070 CF - Electrical & Mechanical Water Treatment Facility	-	2,273,000						579,000	495,000	429,000	659,000	111,000	
26044.0000 High Lift Pump Rehabilitation	-	1,634,211		234,211	-	300,000	1,100,000	-	-	-	-	-	-
26045.0000 South Sector Generator Re	-	708,000		-	-	708,000	-	-	-	-	-	-	-
33075.0000 CF - Well Bldg and Dra-Well 5	-	455,000		455,000	-	-	-	-	-	-	-	-	-
33081.0000 Disinfection - UV Replacements	-	1,617,000		-	-	372,000	625,000	420,000	200,000	-	-	-	-
33082.3910 Well 10 Pump House GeneratorWell 10	-	704,000	563,200	140,800	-	-	-	-	-	-	-	-	-
33084.0000 Filter Media Rehabilitation	22,588	645,006	645,006	-	-	-	-	-	-	-	-	-	-
33089.0000 Well Rehab and Pump Replacement Program	150,000	1,323,000	143,000	39,000	28,000	134,000	262,000	149,000	16,000	146,000	246,000	160,000	
33100.0000 CF - Reservoir - West Sector	17,063	4,632,444	632,444	2,000,000	2,000,000	-	-	-	-	-	-	-	-
33200.0000 CF - United Lands Flowing Well	-	50,000		50,000	-	-	-	-	-	-	-	-	-
33300.0000 Filter PLC Project	-	375,000	300,000	75,000	-	-	-	-	-	-	-	-	-
33302.0000 Dudgeon Generator Replacement	-	783,000	626,400	156,600	-	-	-	-	-	-	-	-	-



Table A-1 (continued)  
Town of Orangeville  
Water Capital Budget Forecast (uninflated \$)

Description	Budget 2024	Total 2025-2034	Forecast										
			2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	
<b>Capital Expenditures</b>													
33303.0000 PRV Replacement Program	-	90,000					90,000	-	-	-	-	-	-
B1413.0000 Acoustic Leak Detection	-	425,000		100,000	100,000	100,000	125,000	-	-	-	-	-	-
B1492.0000 Carbon Monoxide Sensors	-	120,000	-	60,000	60,000	-	-	-	-	-	-	-	-
11805.1070 CF - Rehabilitation & Optimiza Water Treatment Facility	-	1,369,000	684,500	684,500	-	-	-	-	-	-	-	-	-
33090.3910 Well 10 WTP Clear Baff CurtainWell 10	17,852	224,138	179,310	44,828	-	-	-	-	-	-	-	-	-
26005.3950 CF - GeneratorReservoirs	-	650,959	240,767	60,192	-	280,000	70,000	-	-	-	-	-	-
33101.3950 South Sector Reservoir Inspection and Upgrades	80,000	390,000	-	-	90,000	240,000	60,000	-	-	-	-	-	-
B1428.0000 Water and Wastewater System Modelling	-	225,000	-	-	-	-	-	-	150,000	75,000	-	-	-
B1424.1060 Truck Fill Station	-	45,000	45,000	-	-	-	-	-	-	-	-	-	-
IT Projects with Growth-Related SCADA Component	-	404,855	162,467	24,367	19,693	33,683	25,952	42,358	30,915	17,542	30,295	17,584	
<b>Area-Specific</b>													
Additional Pump at Dudgeon Reservoir - Variable Speed	-	970,000			776,000	194,000							
Trunk Watermain (300 mm Dia.) on Hansen Blvd. between Blind Line and County Road 16	-	900,000	450,000	450,000									
Watermain on County Road 109, County Road 16 to Montgomery Blvd. East of Riddell	-	1,366,200		683,100	683,100								
Watermain on B-Line, West Sector Reservoir to Lots at B-Line and County Road 109	-	100,000					100,000						
<b>Total Capital Expenditures</b>	<b>5,212,712</b>	<b>110,476,397</b>	<b>15,397,677</b>	<b>13,094,660</b>	<b>14,618,426</b>	<b>12,653,663</b>	<b>8,798,366</b>	<b>8,369,464</b>	<b>11,307,647</b>	<b>9,184,696</b>	<b>9,949,105</b>	<b>7,102,694</b>	



**Table A-2**  
**Town of Orangeville**  
**Water Capital Budget Forecast and Recommended Capital Financing (inflated \$)**

Description	Budget 2024	Total	Forecast									
			2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
<b>Capital Expenditures</b>												
13961.0000 CF - Water Meter & Billing Upg	299,991	5,669,000	4,508,000	1,161,000	-	-	-	-	-	-	-	-
Town Wells Eavestrough Installation	-	60,000	60,000	-	-	-	-	-	-	-	-	-
20417.3905 CF - Variable Frequency DriveWell 5	26,967	-	-	-	-	-	-	-	-	-	-	-
26046.0000 Wtrmn & Valve Replace:Rotary	325,700	-	-	-	-	-	-	-	-	-	-	-
33304.0000 Supply & Instal Replce NTU&CL2	440,000	-	-	-	-	-	-	-	-	-	-	-
33305.0000 Watermain Rehabilitation Program	217,500	10,317,000	-	-	-	1,873,000	1,929,000	-	-	2,108,000	2,171,000	2,236,000
B1293.0000 Watermain and Valve Replacement: Third Street and Fourth Avenue	-	1,230,000	-	-	-	131,000	-	-	1,099,000	-	-	-
B1305.0000 Watermain and Valve Replacement: Zehrs Backlane Easement	-	978,000	-	-	-	105,000	-	-	873,000	-	-	-
B1366.0000 WSR Water Shut Off Valve	-	75,000	75,000	-	-	-	-	-	-	-	-	-
B1419.0000 Replacement of Enclosed Water Works Trailer	-	46,000	-	-	-	-	-	-	-	-	-	46,000
B1491.0000 Trench Box Replacement	-	65,000	26,000	-	-	-	-	-	-	-	-	39,000
26047.1070 Portable Generator/Water Treatment Facility	157,329	-	-	-	-	-	-	-	-	-	-	-
B1313.3950 Reservoir Cleaning and Inspections	-	520,000	-	-	74,000	76,000	-	28,000	167,000	86,000	89,000	-
21001.4813 Large Equip/WA Landscaping Trailer	28,000	-	-	-	-	-	-	-	-	-	-	-
33306.0000 Valve Turner Replacement	130,000	176,000	-	-	-	-	-	-	-	-	-	176,000
B1345.4036 Trenchbox Trailer Replacement	-	12,000	-	12,000	-	-	-	-	-	-	-	-
B1347.4000 Truck 7 Replacement	-	223,000	-	-	-	-	-	-	223,000	-	-	-
B1348.4000 Truck 12 Replacement	-	211,000	-	-	-	-	-	211,000	-	-	-	-
B1349.4000 Truck 20 Replacement	-	124,000	-	-	-	-	124,000	-	-	-	-	-
B1350.4805 Backhoe 3 Replacement	-	316,000	-	-	-	-	316,000	-	-	-	-	-
21000.4810 Vehicles/WA Backhoe #1	220,000	-	-	-	-	-	-	-	-	-	-	-
11813.0000 Engineering Standards Update	-	83,000	25,000	-	-	-	-	58,000	-	-	-	-
13986.0000 CF - Climate Change	-	13,000	13,000	-	-	-	-	-	-	-	-	-
21000.4810 -- Backhoe #1	-	326,000	-	-	-	-	-	-	-	-	-	326,000
26048.0000 Shed	-	66,000	-	-	-	66,000	-	-	-	-	-	-
31115.0000 CF - Recon - Centennial	200,000	-	-	-	-	-	-	-	-	-	-	-
31116.0000 CF - Recon Church St	610,000	-	-	-	-	-	-	-	-	-	-	-
31119.0000 Recon - Victoria St- Ontario to John	-	519,000	439,000	80,000	-	-	-	-	-	-	-	-
31120.0000 Recon - Ontario St. Vic to Pri	-	252,000	213,000	39,000	-	-	-	-	-	-	-	-
31121.0000 Recon - Cardwell St, Townline	17,337	266,000	-	225,000	41,000	-	-	-	-	-	-	-
31122.0000 Recon - Cardwell St, Dufferin	-	603,000	-	-	-	-	-	-	510,000	93,000	-	-
31123.0000 Recon - Dufferin St, John to O	-	700,000	-	592,000	108,000	-	-	-	-	-	-	-
31124.0000 Recon - Third Ave, 1st St to 2nd St	-	312,000	-	264,000	48,000	-	-	-	-	-	-	-
31125.0000 Recon - Third Ave, 2nd St to 3rd St.	-	344,000	-	-	291,000	53,000	-	-	-	-	-	-
31126.0000 Recon - Steven St	-	298,000	-	-	252,000	46,000	-	-	-	-	-	-
31127.0000 Recon - Andrew St	-	417,000	-	-	353,000	64,000	-	-	-	-	-	-
31128.0000 Bythia Street (Court) Reconstruction	-	376,000	-	-	-	318,000	58,000	-	-	-	-	-
B0982.0000 Recon - Carlton Dr - Madison to Lawrence	-	822,000	-	-	-	109,000	603,000	110,000	-	-	-	-
B1004.0000 Recon - Erindale, Dufferin to Princess St	-	754,000	-	-	-	638,000	116,000	-	-	-	-	-
B1009.0000 Recon - Zina St, First St to Louisa	-	938,000	-	-	-	-	-	-	-	-	794,000	144,000
B1014.0000 Recon - Amanda, Townline to Parsons	-	700,000	-	-	-	-	-	-	-	592,000	108,000	-
B1015.0000 Recon - Amanda, Parsons to Front	-	516,000	-	-	-	-	-	-	-	437,000	79,000	-
B1195.0000 Recon of Edelwild Century to Parkview	-	897,000	-	103,000	672,000	122,000	-	-	-	-	-	-
B1273.0000 Recon Bythia St Townline to Church	-	961,000	-	-	-	-	-	-	-	813,000	148,000	-



Table A-2 (continued)  
Town of Orangeville  
Water Capital Budget Forecast and Recommended Capital Financing (inflated \$)

Description	Budget 2024	Total	Forecast										
			2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	
<b>Capital Expenditures</b>													
B1278.0000 Reconstruction of Dufferin Street - Erindale to Ontario	-	598,000	-	-	-	506,000	92,000	-	-	-	-	-	-
B1331.0000 C-Line Reconstruction Century to Town Line	-	891,000	-	-	-	-	-	-	-	-	-	754,000	137,000
B1332.0000 John Street Reconstruction Townline to Corp Limits	-	626,000	-	-	-	530,000	96,000	-	-	-	-	-	-
B1359.0000 Caledonia Road Reconstruction	-	409,000	-	-	-	-	-	31,000	320,000	58,000	-	-	-
B1360.0000 Hillside Drive Reconstruction	-	277,000	-	-	-	-	-	-	-	-	-	30,000	247,000
B1414.4000 Fleet Management Plan	-	11,000	11,000	-	-	-	-	-	-	-	-	-	-
B1467.4824 Vehicle 34 Purchase	-	162,000	70,000	-	-	-	-	-	-	-	92,000	-	-
B1490.4392 Vehicle 53 Replacement	-	40,000	-	-	-	-	-	-	-	40,000	-	-	-
B1497.0000 Recon/Widening - Fourth Ave: Third St to Hwy #10	-	1,099,000	-	-	-	-	-	-	-	119,000	-	829,000	151,000
B1503.0000 Hybrid Recon - Hillsdale, Goldgate and Darsam	-	1,059,000	-	-	-	-	-	-	70,000	837,000	152,000	-	-
B1504.0000 Recon - Church St. John to Bythia	-	364,000	-	-	-	-	-	-	-	-	-	51,000	313,000
B1505.0000 Recon - Bythia: Church to Hillside	-	317,000	-	-	-	33,000	240,000	44,000	-	-	-	-	-
B1548.0000 Hybrid Reconstruction of Avonmore and Johanna	-	570,000	-	482,000	88,000	-	-	-	-	-	-	-	-
B1463.4800 Vehicle 18 Replacement	-	85,000	-	-	-	85,000	-	-	-	-	-	-	-
B1456.4803 Vehicle 14 Replacement	-	207,000	-	-	90,000	-	-	-	-	-	-	-	117,000
B1469.4804 Vehicle 20 Replacement	-	135,000	-	-	-	-	135,000	-	-	-	-	-	-
B1452.4807 Vehicle 17 Replacement	-	174,000	-	75,000	-	-	-	-	-	-	-	99,000	-
B1454.4808 Vehicle 22 Replacement	-	174,000	-	75,000	-	-	-	-	-	-	-	99,000	-
B1457.4809 Vehicle 23 Replacement	-	184,000	-	-	80,000	-	-	-	-	-	-	-	104,000
B1458.4815 Vehicle 24 Replacement	-	184,000	-	-	80,000	-	-	-	-	-	-	-	104,000
B1461.4817 Vehicle 28 Replacement	-	184,000	-	-	80,000	-	-	-	-	-	-	-	104,000
B1464.4819 Vehicle 29 Replacement	-	85,000	-	-	-	85,000	-	-	-	-	-	-	-
B1473.4820 Vehicle 31 Replacement	-	100,000	-	-	-	-	-	100,000	-	-	-	-	-
B1565.0000 Dayforce Optimization and Enhancement Initiative	-	36,000	36,000	-	-	-	-	-	-	-	-	-	-
20389.0000 CRM System Upgrade	-	15,000	15,000	-	-	-	-	-	-	-	-	-	-
B1407.0000 Website Updates	-	36,000	15,000	-	-	-	-	-	21,000	-	-	-	-
Water Facilities	-	12,691,000	-	-	-	-	-	-	-	-	3,690,000	4,434,000	4,567,000
<b>Studies:</b>													
Town Wells Building Condition Assessment	-	261,000	-	-	-	109,000	-	-	-	-	-	152,000	-
<b>Growth Related:</b>													
<b>Town-Wide</b>													
11721.0000 Water Optimization Study	-	350,000	350,000	-	-	-	-	-	-	-	-	-	-
11824.0000 Water and Wastewater Rate Study	60,000	-	-	-	-	-	-	-	-	-	-	-	-
11824.0000 Water and Wastewater Rate Study	-	139,000	-	-	-	-	61,000	-	-	-	-	-	78,000
B0925.0000 Elevated Water Storage Facility (Northwest Sector)	-	17,539,000	-	-	-	656,000	1,351,000	7,651,000	7,881,000	-	-	-	-
13950.0000 CF - Water Supply	-	11,846,000	1,500,000	1,545,000	3,483,000	5,318,000	-	-	-	-	-	-	-
33088.0000 Well 6 and 11 Treatment Analysis	-	2,016,000	-	-	-	-	-	2,016,000	-	-	-	-	-
33099.0000 CF - Well Treatment - GUDI Upg	1,355,985	7,054,000	2,755,000	2,838,000	1,461,000	-	-	-	-	-	-	-	-
B0927.0000 Well 9A & 9B Treatment Upgrades	-	3,175,000	-	258,000	2,917,000	-	-	-	-	-	-	-	-
B1067.0000 District Water Metering	-	3,542,000	-	-	-	-	-	-	-	299,000	1,660,000	1,583,000	-
26043.0000 Dawson Rd watermain ext	686,400	-	-	-	-	-	-	-	-	-	-	-	-
B0058.0000 Zone 3B PRV/PSV Zone Valves	-	763,000	-	-	-	-	-	-	-	69,000	694,000	-	-
<b>SCADA Projects</b>													
11803.0000 CF - SCADA Master Plan	150,000	-	-	-	-	-	-	-	-	-	-	-	-
B1423.0000 SCADA Upgrade	-	2,084,000	150,000	206,000	1,406,000	322,000	-	-	-	-	-	-	-
20330.0000 CF - SCADA Systems	-	586,000	466,000	120,000	-	-	-	-	-	-	-	-	-
<b>Projects with Growth-Related SCADA Component</b>													
21181.1070 CF - Electrical & Mechanical Water Treatment Facility	-	2,770,000	-	-	-	-	-	-	671,000	591,000	528,000	835,000	145,000
26044.0000 High Lift Pump Rehabilitation	-	1,807,000	-	241,000	-	328,000	1,238,000	-	-	-	-	-	-



Table A-2 (continued)  
Town of Orangeville  
Water Capital Budget Forecast and Recommended Capital Financing (inflated \$)

Description	Budget 2024	Total	Forecast									
			2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
<b>Capital Expenditures</b>												
26045.0000 South Sector Generator Re	-	774,000	-	-	-	774,000	-	-	-	-	-	-
33075.0000 CF - Well Bldg and Dra-Well 5	-	469,000	-	469,000	-	-	-	-	-	-	-	-
33081.0000 Disinfection - UV Replacements	-	1,835,000	-	-	-	406,000	703,000	487,000	239,000	-	-	-
33082.3910 Well 10 Pump House GeneratorWell 10	-	708,000	563,000	145,000	-	-	-	-	-	-	-	-
33084.0000 Filter Media Rehabilitation	22,588	645,000	645,000	-	-	-	-	-	-	-	-	-
33089.0000 Well Rehab and Pump Replacement Program	150,000	1,547,000	143,000	40,000	30,000	146,000	295,000	173,000	19,000	180,000	312,000	209,000
33100.0000 CF - Reservoir - West Sector	17,063	4,814,000	632,000	2,060,000	2,122,000	-	-	-	-	-	-	-
33200.0000 CF - United Lands Flowing Well	-	52,000	-	52,000	-	-	-	-	-	-	-	-
33300.0000 Filter PLC Project	-	377,000	300,000	77,000	-	-	-	-	-	-	-	-
33302.0000 Dudgeon Generator Replacement	-	787,000	626,000	161,000	-	-	-	-	-	-	-	-
33303.0000 PRV Replacement Program	-	101,000	-	-	-	-	101,000	-	-	-	-	-
B1413.0000 Acoustic Leak Detection	-	459,000	-	103,000	106,000	109,000	141,000	-	-	-	-	-
B1492.0000 Carbon Monoxide Sensors	-	126,000	-	62,000	64,000	-	-	-	-	-	-	-
11805.1070 CF - Rehabilitation & Optimiza Water Treatment Facility	-	1,390,000	685,000	705,000	-	-	-	-	-	-	-	-
33090.3910 Well 10 WTP Clear Baff CurtainWell 10	17,852	225,000	179,000	46,000	-	-	-	-	-	-	-	-
26005.3950 CF - GeneratorReservoirs	-	688,000	241,000	62,000	-	306,000	79,000	-	-	-	-	-
33101.3950 South Sector Reservoir Inspection and Upgrades	80,000	425,000	-	-	95,000	262,000	68,000	-	-	-	-	-
B1428.0000 Water and Wastewater System Modelling	-	271,000	-	-	-	-	-	179,000	92,000	-	-	-
B1424.1060 Truck Fill Station	-	45,000	45,000	-	-	-	-	-	-	-	-	-
IT Projects with Growth-Related SCADA Component	-	443,000	162,000	25,000	21,000	37,000	29,000	49,000	37,000	22,000	38,000	23,000
<b>Area-Specific</b>												
Additional Pump at Dudgeon Reservoir - Variable Speed	-	1,066,000	-	-	848,000	218,000	-	-	-	-	-	-
Trunk Watermain (300 mm Dia.) on Hansen Blvd. between Blind Line and County Road 16	-	941,000	464,000	477,000	-	-	-	-	-	-	-	-
Watermain on County Road 109, County Road 16 to Montgomery Blvd. East of Riddell	-	1,471,000	-	725,000	746,000	-	-	-	-	-	-	-
Watermain on B-Line, West Sector Reservoir to Lots at B-Line and County Road 109	-	116,000	-	-	-	-	116,000	-	-	-	-	-
<b>Total Capital Expenditures</b>	<b>5,212,712</b>	<b>124,605,000</b>	<b>15,412,000</b>	<b>13,525,000</b>	<b>15,556,000</b>	<b>13,831,000</b>	<b>9,907,000</b>	<b>9,704,000</b>	<b>13,502,000</b>	<b>11,297,000</b>	<b>12,605,000</b>	<b>9,266,000</b>
<b>Capital Financing</b>												
Canada Community-Building Fund (CCBF)	686,400	1,088,000	1,088,000	-	-	-	-	-	-	-	-	-
Provincial Grants (OCIF)	-	1,300,000	-	800,000	-	500,000	-	-	-	-	-	-
Town-Wide Development Charges Reserve Fund	1,100,084	15,915,839	2,725,913	2,656,400	6,499,350	1,120,963	1,146,067	992,663	561,675	165,550	30,613	16,647
Area-Specific Development Charges Reserve Fund	-	2,864,633	464,000	989,112	1,138,345	157,176	116,000	-	-	-	-	-
Non-Growth Related Debenture Requirements	1,200,000	39,400,000	-	1,500,000	5,500,000	4,700,000	5,500,000	-	2,000,000	6,500,000	8,200,000	5,500,000
Growth Related Debenture Requirements	-	22,400,000	-	-	100,000	5,000,000	800,000	6,700,000	7,600,000	1,400,000	800,000	-
Water Reserve Fund	2,226,228	41,636,528	11,134,088	7,579,488	2,318,305	2,352,862	2,344,933	2,011,338	3,340,325	3,231,450	3,574,388	3,749,353
<b>Total Capital Financing</b>	<b>5,212,712</b>	<b>124,605,000</b>	<b>15,412,000</b>	<b>13,525,000</b>	<b>15,556,000</b>	<b>13,831,000</b>	<b>9,907,000</b>	<b>9,704,000</b>	<b>13,502,000</b>	<b>11,297,000</b>	<b>12,605,000</b>	<b>9,266,000</b>



Table A-3  
Town of Orangeville  
Water - Schedule of Non-Growth-Related Debenture Repayments (inflated \$)

Debenture Year	2024	Principal (Inflated)	Forecast									
			2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
2024	1,200,000	1,200,000	89,869	89,869	89,869	89,869	89,869	89,869	89,869	89,869	89,869	89,869
2025		-		-	-	-	-	-	-	-	-	-
2026		1,500,000			112,336	112,336	112,336	112,336	112,336	112,336	112,336	112,336
2027		5,500,000				411,899	411,899	411,899	411,899	411,899	411,899	411,899
2028		4,700,000					351,987	351,987	351,987	351,987	351,987	351,987
2029		5,500,000						411,899	411,899	411,899	411,899	411,899
2030		-							-	-	-	-
2031		2,000,000								149,782	149,782	149,782
2032		6,500,000									486,790	486,790
2033		8,200,000										614,104
2034		5,500,000										
<b>Total Annual Debt Charges</b>	<b>1,200,000</b>	<b>40,600,000</b>	<b>89,869</b>	<b>89,869</b>	<b>202,205</b>	<b>614,104</b>	<b>966,091</b>	<b>1,377,990</b>	<b>1,377,990</b>	<b>1,527,771</b>	<b>2,014,561</b>	<b>2,628,665</b>

Table A-4  
Town of Orangeville  
Water - Schedule of Growth-Related Debenture Repayments (inflated \$)

Debenture Year	2024	Principal (Inflated)	Forecast									
			2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
2024	-	-	-	-	-	-	-	-	-	-	-	-
2025		-		-	-	-	-	-	-	-	-	-
2026		-			-							
2027		100,000				7,489	7,489	7,489	7,489	7,489	7,489	7,489
2028		5,000,000					374,454	374,454	374,454	374,454	374,454	374,454
2029		800,000						59,913	59,913	59,913	59,913	59,913
2030		6,700,000							501,768	501,768	501,768	501,768
2031		7,600,000								569,170	569,170	569,170
2032		1,400,000									104,847	104,847
2033		800,000										59,913
2034		-										
<b>Total Annual Debt Charges</b>	<b>-</b>	<b>22,400,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>7,489</b>	<b>381,943</b>	<b>441,855</b>	<b>943,623</b>	<b>1,512,793</b>	<b>1,617,640</b>	<b>1,677,553</b>



Table A-5  
Town of Orangeville  
Water Reserve/Reserve Fund Continuity (inflated \$)

Description	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Opening Balance	16,319,243	15,432,703	5,911,857	233,084	179,890	167,567	181,146	607,661	179,284	278,911	213,159
Transfer from Operating	1,107,004	1,497,323	1,896,144	2,261,584	2,337,253	2,354,959	2,425,938	2,908,432	3,325,608	3,504,456	3,672,024
Transfer to Capital	2,226,228	11,134,088	7,579,488	2,318,305	2,352,862	2,344,933	2,011,338	3,340,325	3,231,450	3,574,388	3,749,353
Transfer to Operating	69,918	-	-	-	-	-	-	-	-	-	-
<b>Closing Balance</b>	<b>15,130,101</b>	<b>5,795,939</b>	<b>228,514</b>	<b>176,363</b>	<b>164,282</b>	<b>177,594</b>	<b>595,747</b>	<b>175,769</b>	<b>273,442</b>	<b>208,980</b>	<b>135,830</b>
Interest	302,602	115,919	4,570	3,527	3,286	3,552	11,915	3,515	5,469	4,180	2,717

Table A-6  
Town of Orangeville  
Town-Wide Water Development Charges Reserve Fund Continuity (inflated \$)

Description	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Opening Balance	8,425,225	7,761,254	6,428,722	5,179,213	24,839	286,845	188,908	228,049	240,718	123,435	82,206
Development Charge	283,931	1,267,328	1,305,338	1,344,488	1,384,833	1,426,369	1,469,188	1,513,247	1,558,640	1,605,412	1,653,612
Transfer to Capital	1,100,084	2,725,913	2,656,400	6,499,350	1,120,963	1,146,067	992,663	561,675	165,550	30,613	16,647
Transfer to Operating	-	-	-	-	7,489	381,943	441,855	943,623	1,512,793	1,617,640	1,677,553
<b>Closing Balance</b>	<b>7,609,072</b>	<b>6,302,669</b>	<b>5,077,660</b>	<b>24,352</b>	<b>281,220</b>	<b>185,204</b>	<b>223,578</b>	<b>235,998</b>	<b>121,015</b>	<b>80,594</b>	<b>41,618</b>
Interest	152,181	126,053	101,553	487	5,624	3,704	4,472	4,720	2,420	1,612	832

Table A-7  
Town of Orangeville  
Area-Specific Water Development Charges Reserve Fund Continuity (inflated \$)

Description	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Opening Balance	882,934	900,593	918,605	-	-	-	-	-	-	-	-
Development Charge	-	464,000	70,508	1,138,345	157,176	116,000	-	-	-	-	-
Transfer to Capital	-	464,000	989,112	1,138,345	157,176	116,000	-	-	-	-	-
Transfer to Operating	-	-	-	-	-	-	-	-	-	-	-
<b>Closing Balance</b>	<b>882,934</b>	<b>900,593</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Interest	17,659	18,012	-	-	-	-	-	-	-	-	-



Table A-8  
Town of Orangeville  
Canada Community-Building Fund (Water Portion Only) Reserve Fund Continuity (inflated \$)

Description	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Opening Balance	-	-	-	-	-	-	-	-	-	-	-
Canada Community-Building Fund (Water Portion) Receipts	686,400	1,088,000	-	-	-	-	-	-	-	-	-
Transfer to Capital	686,400	1,088,000	-	-	-	-	-	-	-	-	-
Transfer to Operating	-	-	-	-	-	-	-	-	-	-	-
<b>Closing Balance</b>	-	-	-	-	-	-	-	-	-	-	-
Interest	-	-	-	-	-	-	-	-	-	-	-



**Table A-9  
Town of Orangeville  
Operating Budget Forecast – Water (inflated \$)**

Description	Budget 2024	Forecast										
		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	
<b>Expenditures</b>												
<u>Operating Costs</u>												
Salaries - FT	1,715,520	1,823,265	1,868,846	1,915,567	1,963,456	2,012,542	2,062,856	2,114,427	2,167,288	2,221,470	2,277,007	
Salaries - PT	34,892	30,313	31,070	31,847	32,643	33,459	34,296	35,153	36,032	36,933	37,856	
Standby Pay	12,525	16,037	16,037	16,037	16,037	16,037	16,438	16,849	17,270	17,702	18,144	
OT - Salaries FT	113,000	116,164	122,402	128,975	135,901	143,199	146,779	150,448	154,209	158,065	162,016	
Retiree Benefits and Salary Con	6,462	4,389	-	-	-	-	-	-	-	-	-	
Emp Benefits - FT	548,958	630,573	679,635	720,677	766,049	813,806	854,496	897,221	942,082	989,186	1,038,645	
Emp Benefits - PT	4,102	3,698	3,830	3,967	4,111	4,261	4,474	4,698	4,933	5,179	5,438	
Memberships/Subscriptions	17,500	18,000	18,500	19,000	19,500	20,000	20,400	20,808	21,224	21,649	22,082	
Professional Assoc Fees	1,650	2,650	2,750	2,750	2,750	2,750	2,805	2,861	2,918	2,977	3,036	
Workshops/Training Courses	21,525	33,185	42,810	43,410	44,060	44,660	45,553	46,464	47,394	48,341	49,308	
Conferences	8,800	19,200	19,880	19,880	19,880	19,880	20,278	20,683	21,097	21,519	21,949	
Mileage	2,000	2,000	2,000	2,000	2,000	2,000	2,040	2,081	2,122	2,165	2,208	
Office Equip	8,020	1,030	1,030	1,030	1,030	1,030	1,051	1,072	1,093	1,115	1,137	
Office Supplies/Materials	2,040	2,040	2,060	2,060	2,060	2,060	2,101	2,143	2,186	2,230	2,274	
Advertising & Promotion	11,200	11,800	11,800	11,800	11,800	11,800	12,036	12,277	12,522	12,773	13,028	
Postage/Courier/Fax	500	500	500	500	500	500	510	520	531	541	552	
Water and Sewer Reading / Billi	219,000	219,000	219,000	219,000	219,000	219,000	223,380	227,848	232,405	237,053	241,794	
Prof Fees - Engineering	155,250	158,000	160,500	163,500	166,000	169,000	172,380	175,828	179,344	182,931	186,590	
Prof Fees - Consulting	70,000	61,000	61,000	62,000	63,000	64,000	65,280	66,586	67,917	69,276	70,661	
Prof Fees - Legal	5,000	5,500	5,500	6,000	6,000	6,500	6,630	6,763	6,898	7,036	7,177	
Prof Fees - Other	137,800	148,900	149,200	155,100	166,100	161,300	164,526	167,817	171,173	174,596	178,088	
Insurance	128,423	146,829	161,513	177,663	195,429	214,973	236,470	260,117	286,129	314,742	346,216	
Insurance Deductibles/Claims	20,000	20,000	22,000	24,200	26,620	29,282	32,210	35,431	38,974	42,872	47,159	
Video Production	12,000	12,000	12,000	12,000	12,000	12,000	12,240	12,485	12,734	12,989	13,249	
Telephone/Communications	57,340	30,305	30,305	30,355	30,405	30,705	31,319	31,945	32,584	33,236	33,901	
Computer Operation & Supplies	40,275	35,906	36,562	37,745	38,098	38,275	39,041	39,821	40,618	41,430	42,259	
Inter-Departmental	488,405	488,405	498,173	508,137	518,299	528,665	539,239	550,023	561,024	572,244	583,689	
Inter-Departmental - IT	179,257	184,282	187,968	191,727	195,562	199,473	203,462	207,531	211,682	215,916	220,234	
Uniforms	10,000	12,450	12,699	15,450	15,759	16,074	16,396	16,724	17,058	17,399	17,747	
Outside Srv	333,000	340,100	334,220	352,246	356,479	361,569	368,800	376,176	383,700	391,374	399,201	
Outside Laboratory Srv	82,200	83,550	83,900	86,000	86,500	86,750	88,485	90,255	92,060	93,901	95,779	
Outside Srv - Compliance	10,000	10,000	10,000	10,000	10,000	10,000	10,200	10,404	10,612	10,824	11,041	
Outside Srv - Electrical Preven	26,250	26,750	27,000	27,250	27,500	27,750	28,305	28,871	29,449	30,037	30,638	
Outside Srv - Mechanical Preven	200,000	202,000	204,000	206,000	208,000	210,000	214,200	218,484	222,854	227,311	231,857	
Outside Srv - Instrumentation P	125,000	125,000	126,000	127,000	128,000	129,000	131,580	134,212	136,896	139,634	142,426	
Outside Srv - Bldg, Reservoir &	75,000	76,500	78,000	79,500	81,000	82,500	84,150	85,833	87,550	89,301	91,087	
SCADA Mtc	58,240	60,568	62,991	64,674	66,412	68,068	69,429	70,818	72,234	73,679	75,153	



Table A-9 (continued)  
Town of Orangeville  
Operating Budget Forecast – Water (inflated \$)

Description	Budget 2024	Forecast										
		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	
<b>Expenditures</b>												
<u>Operating Costs</u>												
Natural Gas	20,614	21,711	22,797	23,937	25,134	26,390	29,029	31,932	35,125	38,638	42,501	
Hydro	442,199	508,529	559,382	615,320	676,852	744,537	818,991	900,890	990,979	1,090,077	1,199,084	
Mtc Equip	34,850	35,800	40,600	41,400	41,400	41,450	42,279	43,125	43,987	44,867	45,764	
Small Equip	76,900	78,950	80,000	82,050	83,100	84,150	85,833	87,550	89,301	91,087	92,908	
After Hours Dispatch	7,150	7,150	7,293	7,439	7,588	7,739	7,894	8,052	8,213	8,377	8,545	
Property Tax	23,290	23,290	24,222	25,190	26,198	27,246	28,336	29,469	30,648	31,874	33,149	
Payment in-lieu of Tax	22,800	22,800	22,800	22,800	22,800	22,800	22,800	22,800	22,800	22,800	22,800	
Chemicals	97,500	100,780	110,858	121,944	134,138	147,552	162,307	178,538	196,392	216,031	237,634	
Materials & Supplies	229,000	231,000	233,000	236,000	238,000	245,000	249,900	254,898	259,996	265,196	270,500	
Outside Srv - Planned Mtc	90,000	100,000	100,000	105,000	110,000	115,000	117,300	119,646	122,039	124,480	126,969	
Outside Srv - Main Breaks	30,000	32,500	35,000	37,500	40,000	42,500	43,350	44,217	45,101	46,003	46,923	
Pardon	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	
Toilet Rebate Program	8,500	8,000	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	
Rain Barrels	5,000	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	7,500	
Meter and Conservation Devices	25,000	25,000	25,000	30,000	30,000	30,000	30,600	31,212	31,836	32,473	33,122	
Water Softner Rebate Program	25,000	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	2,500	
Prof Fees - One Call	6,000	6,000	6,120	6,242	6,367	6,495	6,624	6,757	6,892	7,030	7,171	
Printing/Photocopy Costs	1,500	-	-	-	-	-	-	-	-	-	-	
Software Support & Licences	7,500	7,500	7,650	7,803	7,959	8,118	8,281	8,446	8,615	8,787	8,963	
Special Projects	-	3,000	3,060	3,121	3,184	3,247	3,312	3,378	3,446	3,515	3,585	
Software Agreemts	120,680	98,180	105,680	110,680	112,894	115,151	117,455	119,804	122,200	124,644	127,137	
Server Mtc	5,000	5,000	5,100	5,202	5,306	5,412	5,520	5,631	5,743	5,858	5,975	
Vehicle Mtc Costs/Parts	57,495	61,015	62,259	63,794	64,846	66,168	67,491	68,841	70,218	71,622	73,055	
Fuel	43,102	44,395	45,727	47,099	48,512	49,967	50,966	51,986	53,025	54,086	55,168	
Vehicle Licenses	4,900	5,300	5,406	5,514	5,624	5,736	5,851	5,968	6,087	6,209	6,333	
Leased Vehicle Exp	127,577	115,473	117,784	120,139	60,403	31,392	32,020	32,660	33,313	33,980	34,659	
Other Staffing Costs	126,484	133,276	136,608	140,023	143,524	233,238	239,069	245,045	251,172	257,451	263,887	
<b>Sub Total Operating</b>	<b>6,586,675</b>	<b>6,854,037</b>	<b>7,087,028</b>	<b>7,358,245</b>	<b>7,556,769</b>	<b>7,877,157</b>	<b>8,164,043</b>	<b>8,467,521</b>	<b>8,788,925</b>	<b>9,129,708</b>	<b>9,491,462</b>	



Table A-9 (continued)  
Town of Orangeville  
Operating Budget Forecast – Water (inflated \$)

Description	Budget 2024	Forecast									
		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
<b>Capital-Related</b>											
New Growth Related Debt (Principal)		-	-	-	3,289	167,881	201,245	430,065	698,097	773,464	832,263
New Growth Related Debt (Interest)		-	-	-	4,200	214,062	240,611	513,559	814,696	844,176	845,290
Existing Debt (Principal) - Non-Growth Related	64,297	66,573	62,953	-	-	-	-	-	-	-	-
Existing Debt (Interest) - Non-Growth Related	5,621	3,345	1,068	-	-	-	-	-	-	-	-
New Non-Growth Related Debt (Principal)		39,469	41,127	92,190	276,961	443,180	642,693	669,686	763,594	1,009,455	1,321,556
New Non-Growth Related Debt (Interest)		50,400	48,742	110,015	337,143	522,911	735,297	708,304	764,177	1,005,106	1,307,109
Transfer to Canada Community-Building Fund (Water Portion) Reserve Fund	686,400	1,088,000	-	-	-	-	-	-	-	-	-
Transfer to Capital (Provincial Grants)	-	-	800,000	-	500,000	-	-	-	-	-	-
Transfer to Capital Reserve Fund	1,107,004	1,497,323	1,896,144	2,261,584	2,337,253	2,354,959	2,425,938	2,908,432	3,325,608	3,504,456	3,672,024
<b>Sub Total Capital Related</b>	<b>1,863,322</b>	<b>2,745,110</b>	<b>2,850,034</b>	<b>2,463,789</b>	<b>3,458,847</b>	<b>3,702,993</b>	<b>4,245,784</b>	<b>5,230,046</b>	<b>6,366,172</b>	<b>7,136,658</b>	<b>7,978,243</b>
<b>Total Expenditures</b>	<b>8,449,997</b>	<b>9,599,147</b>	<b>9,937,061</b>	<b>9,822,035</b>	<b>11,015,615</b>	<b>11,580,150</b>	<b>12,409,826</b>	<b>13,697,567</b>	<b>15,155,097</b>	<b>16,266,366</b>	<b>17,469,704</b>
<b>Revenues</b>											
Base Charge	1,579,147	1,828,871	2,124,995	2,465,534	2,860,421	3,318,300	3,849,184	4,464,671	5,178,197	6,005,327	6,964,551
Facilities Rental	14,200	14,500	14,800	15,096	15,382	15,690	16,004	16,324	16,650	16,983	17,323
Municipal Agreements	347,000	353,900	361,000	368,220	375,584	383,096	392,673	402,490	412,552	422,866	433,438
Srv Charges Rev	11,100	11,300	11,500	14,000	14,252	14,509	14,799	15,095	15,397	15,705	16,019
Meter and Conservation Devices	21,600	22,000	22,400	22,803	23,213	23,631	24,104	24,586	25,077	25,579	26,091
Other Sales	21,600	22,000	22,400	22,803	23,213	23,631	24,104	24,586	25,077	25,579	26,091
Other Revenue	1,000	1,000	1,000	1,000	1,000	1,000	1,020	1,040	1,061	1,082	1,104
Amaranth Servicing Agreement	-	663	2,135	4,033	6,453	9,507	9,507	9,507	9,507	9,507	9,507
Provincial Grants	-	-	800,000	-	500,000	-	-	-	-	-	-
Canada Community-Building Fund (Water Portion) Receipts	686,400	1,088,000	-	-	-	-	-	-	-	-	-
Contributions from Development Charges Reserve Fund	-	-	-	-	7,489	381,943	441,855	943,623	1,512,793	1,617,640	1,677,553
Contributions from Reserves / Reserve Fund	69,918	-	-	-	-	-	-	-	-	-	-
<b>Total Operating Revenue</b>	<b>2,751,965</b>	<b>3,342,234</b>	<b>3,360,230</b>	<b>2,913,488</b>	<b>3,827,007</b>	<b>4,171,308</b>	<b>4,773,251</b>	<b>5,901,923</b>	<b>7,196,314</b>	<b>8,140,269</b>	<b>9,171,677</b>
<b>Water Billing Recovery - Total</b>	<b>5,698,032</b>	<b>6,256,913</b>	<b>6,576,832</b>	<b>6,908,546</b>	<b>7,188,608</b>	<b>7,408,842</b>	<b>7,636,576</b>	<b>7,795,644</b>	<b>7,958,783</b>	<b>8,126,097</b>	<b>8,298,027</b>



Table A-10  
Town of Orangeville  
Water Rate Calculation (inflated \$)

Description	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
<b>Total Water Billing Recovery</b>	<b>5,698,032</b>	<b>6,256,913</b>	<b>6,576,832</b>	<b>6,908,546</b>	<b>7,188,608</b>	<b>7,408,842</b>	<b>7,636,576</b>	<b>7,795,644</b>	<b>7,958,783</b>	<b>8,126,097</b>	<b>8,298,027</b>
<b><i>Increasing Block Structure - Residential</i></b>											
<i>Volume Forecast By Block (m3)</i>											
Block 1 - Orangeville	1,354,480	1,349,273	1,351,166	1,351,297	1,351,700	1,352,372	1,353,309	1,354,508	1,355,963	1,357,672	1,359,632
Block 1 - Amaranth	-	727	2,036	3,344	4,653	5,962	7,270	8,579	9,888	11,196	12,651
Block 2	334,003	334,003	334,003	334,003	334,003	334,003	334,003	334,003	334,003	334,003	334,003
<b>Total Volume - Residential</b>	<b>1,688,483</b>	<b>1,684,003</b>	<b>1,687,205</b>	<b>1,688,645</b>	<b>1,690,357</b>	<b>1,692,337</b>	<b>1,694,583</b>	<b>1,697,090</b>	<b>1,699,854</b>	<b>1,702,872</b>	<b>1,706,285</b>
<b><i>Increasing Block Rates (\$/m<sup>3</sup>) - Residential</i></b>											
Block 1 - Orangeville	2.13	2.34	2.46	2.58	2.69	2.77	2.85	2.91	2.97	3.02	3.09
Block 1 - Amaranth	1.60	1.76	1.85	1.94	2.01	2.08	2.14	2.18	2.22	2.27	2.31
Block 2	2.88	3.16	3.32	3.49	3.63	3.74	3.85	3.92	4.00	4.08	4.16
<b><i>Increasing Block Structure - Non-Residential</i></b>											
<i>Volume Forecast By Block (m3)</i>											
Block 1	519,132	519,132	519,132	519,132	519,132	519,132	519,132	519,132	519,132	519,132	519,132
Block 2	230,825	230,825	230,825	230,825	230,825	230,825	230,825	230,825	230,825	230,825	230,825
<b>Total Volume - Non-Residential</b>	<b>749,957</b>										
<b><i>Increasing Block Rates (\$/m<sup>3</sup>) - Non-Residential</i></b>											
Block 1	2.23	2.45	2.58	2.70	2.81	2.90	2.98	3.04	3.10	3.17	3.23
Block 2	3.01	3.31	3.48	3.65	3.80	3.91	4.03	4.11	4.19	4.27	4.36
<b><i>Flat Rate (Unmetered)</i></b>											
Annual Charge	\$672.16	\$826.49	885.49	950.10	1,013.82	1,076.50	1,145.89	1,215.03	1,292.49	1,379.47	1,477.36



Table A-11  
Town of Orangeville  
Water Rate Forecast Summary

Desription	Monthly Block 1 Volume (m <sup>3</sup> )	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
<b>Metered Customers</b>												
<b>Base Charge by Meter Size</b>												
5/8" to 3/4"	<= 20	\$12.81	\$14.73	\$16.94	\$19.48	\$22.40	\$25.77	\$29.63	\$34.07	\$39.19	\$45.06	\$51.82
1"	<= 100	\$17.08	\$19.64	\$22.59	\$25.98	\$29.87	\$34.35	\$39.51	\$45.43	\$52.25	\$60.09	\$69.10
1 ½"	<= 500	\$25.62	\$29.46	\$33.88	\$38.96	\$44.81	\$51.53	\$59.26	\$68.15	\$78.37	\$90.13	\$103.65
2"	<= 1,000	\$38.44	\$44.21	\$50.84	\$58.46	\$67.23	\$77.32	\$88.91	\$102.25	\$117.59	\$135.23	\$155.51
3"	<= 3,000	\$44.84	\$51.57	\$59.30	\$68.20	\$78.43	\$90.19	\$103.72	\$119.28	\$137.17	\$157.74	\$181.40
4" and Larger	<= 6,000	\$64.06	\$73.67	\$84.72	\$97.43	\$112.04	\$128.85	\$148.17	\$170.40	\$195.96	\$225.36	\$259.16
<b>Volumetric Rate (per m<sup>3</sup>)</b>												
<b>Residential</b>												
Block 1		\$2.13	\$2.34	\$2.46	\$2.58	\$2.69	\$2.77	\$2.85	\$2.91	\$2.97	\$3.02	\$3.09
Block 2		\$2.88	\$3.16	\$3.32	\$3.49	\$3.63	\$3.74	\$3.85	\$3.92	\$4.00	\$4.08	\$4.16
<b>Non-Residential</b>												
Block 1		\$2.23	\$2.45	\$2.58	\$2.70	\$2.81	\$2.90	\$2.98	\$3.04	\$3.10	\$3.17	\$3.23
Block 2		\$3.01	\$3.31	\$3.48	\$3.65	\$3.80	\$3.91	\$4.03	\$4.11	\$4.19	\$4.27	\$4.36
<b>Unmetered Customers</b>												
Compliant		\$672.16	\$826.49	\$885.49	\$950.10	\$1,013.82	\$1,076.50	\$1,145.89	\$1,215.03	\$1,292.49	\$1,379.47	\$1,477.36
Non-Compliant		\$2,016.49	\$2,479.48	\$2,656.48	\$2,850.30	\$3,041.46	\$3,229.49	\$3,437.68	\$3,645.10	\$3,877.48	\$4,138.42	\$4,432.09



Table A-12  
Town of Orangeville  
Wastewater Capital Budget Forecast (uninflated \$)

Description	Budget 2024	Total 2025-2034	Forecast											
			2025	2026	2027	2028	2029	2030	2031	2032	2033	2034		
<b>Capital Expenditures</b>														
11803.0000 CF - SCADA Master Plan	150,000	-	-	-	-	-	-	-	-	-	-	-	-	-
26018.0000 CF - Clarifier 3 Centre Unit R	1,420,000	-	-	-	-	-	-	-	-	-	-	-	-	-
26059.0000 Sewage Sampler & Assoc Works	20,000	79,000	-	-	-	15,000	-	15,000	15,000	15,000	-	-	-	34,000
33701.0000 Sewage Pump Stn - Spare Pump	-	44,000	-	-	-	-	44,000	-	-	-	-	-	-	-
26019.0000 Mixer # 6 Replacement	-	34,000	17,000	-	-	-	-	-	17,000	-	-	-	-	-
26022.1060 Mixer #4 Replacement -- Water Pollution Control Plant	-	17,000	-	-	17,000	-	-	-	-	-	-	-	-	-
26025.1060 CF - Sump Pump Replacements -- Water Pollution Control Plant	-	10,000	-	-	-	-	-	-	-	10,000	-	-	-	-
20419.1060 CF - Detritor Centre Unit Repl -- Water Pollution Control Plant	944,744	-	-	-	-	-	-	-	-	-	-	-	-	-
26027.1060 Mixer # 5 Replacement -- Water Pollution Control Plant	-	17,000	-	-	17,000	-	-	-	-	-	-	-	-	-
26034.1060 Headworks - Pumping Equipment -- Water Pollution Control Plant	16,000	-	-	-	-	-	-	-	-	-	-	-	-	-
26036.1060 Elevated Walkway -- Water Pollution Control Plant	-	77,000	77,000	-	-	-	-	-	-	-	-	-	-	-
26058.0000 New Plant - Mixers #1, #2 & #3 - Replacements	54,000	54,000	-	-	-	-	-	54,000	-	-	-	-	-	-
B0948.1060 Old Plant - Mixers 7,8,9&10 - Replacement	-	40,000	40,000	-	-	-	-	-	-	-	-	-	-	-
B1362.1060 Tractor	-	160,000	160,000	-	-	-	-	-	-	-	-	-	-	-
B1428.0000 Water and Wastewater System Modelling	-	225,000	-	-	-	-	-	-	-	150,000	75,000	-	-	-
B1424.1060 Truck Fill Station	-	30,000	30,000	-	-	-	-	-	-	-	-	-	-	-
11813.0000 Engineering Standards Update	-	58,000	25,000	-	-	-	-	-	33,000	-	-	-	-	-
13986.0000 CF - Climate Change	-	12,500	12,500	-	-	-	-	-	-	-	-	-	-	-
21206.1060 WPCP Roof Projects	67,723	438,669	131,354	96,672	91,584	76,320	42,739	-	-	-	-	-	-	-
WPCP Exterior Doors	-	20,000	20,000	-	-	-	-	-	-	-	-	-	-	-
26048.0000 Shed	-	30,000	-	-	-	30,000	-	-	-	-	-	-	-	-
26050.0000 Operations Equipment	9,599	-	-	-	-	-	-	-	-	-	-	-	-	-
31115.0000 CF - Recon - Centennial	200,000	-	-	-	-	-	-	-	-	-	-	-	-	-
31116.0000 CF - Recon Church St	423,000	-	-	-	-	-	-	-	-	-	-	-	-	-
31119.0000 Recon - Victoria St - Ontario to John	-	353,000	300,050	52,950	-	-	-	-	-	-	-	-	-	-
31120.0000 Recon - Ontario St. Vic to Pri	-	242,000	205,700	36,300	-	-	-	-	-	-	-	-	-	-
31121.0000 Recon - Cardwell St, Townline	-	242,000	-	242,000	-	-	-	-	-	-	-	-	-	-
31122.0000 Recon - Cardwell St, Dufferin	-	1,022,000	-	-	-	511,000	-	-	434,350	76,650	-	-	-	-
31123.0000 Recon - Dufferin St, John to O	-	616,000	523,600	92,400	-	-	-	-	-	-	-	-	-	-
31124.0000 Recon - Third Ave, 1st St to 2nd St	-	302,000	256,700	45,300	-	-	-	-	-	-	-	-	-	-
31125.0000 Recon - Third Ave, 2nd St to 3rd St.	-	268,000	227,800	40,200	-	-	-	-	-	-	-	-	-	-
31126.0000 Recon - Steven St	-	261,000	221,850	39,150	-	-	-	-	-	-	-	-	-	-
31127.0000 Recon - Andrew St	-	439,000	373,150	65,850	-	-	-	-	-	-	-	-	-	-
31128.0000 Bythia Street (Court) Reconstruction	-	275,000	233,750	41,250	-	-	-	-	-	-	-	-	-	-
B0982.0000 Recon - Carlton Dr - Madison to Lawrence	-	616,000	523,600	92,400	-	-	-	-	-	-	-	-	-	-
B1004.0000 Recon - Erindale, Dufferin to Princess St	-	641,000	-	641,000	-	-	-	-	-	-	-	-	-	-
B1009.0000 Recon - Zina St, First St to Louisa	-	583,000	-	-	-	-	-	-	-	495,550	87,450	-	-	-
B1014.0000 Recon - Amanda, Townline to Parsons	-	471,000	-	-	-	-	-	400,350	70,650	-	-	-	-	-
B1015.0000 Recon - Amanda, Parsons to Front	-	269,000	-	-	-	-	-	228,650	40,350	-	-	-	-	-
B1195.0000 Recon of Edelwild Century to Parkview	-	636,500	-	636,500	-	-	-	-	-	-	-	-	-	-
B1273.0000 Recon Bythia St Townline to Church	-	595,000	-	-	-	-	505,750	89,250	-	-	-	-	-	-
B1278.0000 Reconstruction of Dufferin Street - Erindale to Ontario	-	530,000	-	530,000	-	-	-	-	-	-	-	-	-	-
B1331.0000 C-Line Reconstruction Century to Town Line	-	570,000	-	-	-	-	-	484,500	85,500	-	-	-	-	-
B1332.0000 John Street Reconstruction Townline to Corp Limits	-	323,000	-	-	274,550	48,450	-	-	-	-	-	-	-	-
B1359.0000 Caledonia Road Reconstruction	-	296,000	-	34,000	222,700	39,300	-	-	-	-	-	-	-	-
B1360.0000 Hillside Drive Reconstruction	-	198,500	-	-	-	-	-	-	-	32,500	141,100	24,900	-	-
B1414.4000 Fleet Management Plan	-	2,500	2,500	-	-	-	-	-	-	-	-	-	-	-
B1490.4392 Vehicle 53 Replacement	-	16,750	-	-	-	-	-	-	16,750	-	-	-	-	-
B1497.0000 Recon/Widening - Fourth Ave: Third St to Hwy #10	-	535,000	-	-	-	-	-	50,000	-	412,250	72,750	-	-	-



Table A-12 (continued)  
Town of Orangeville  
Wastewater Capital Budget Forecast (uninflated \$)

Description	Budget 2024	Total 2025-2034	Forecast									
			2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
<b>Capital Expenditures</b>												
B1503.0000 Hybrid Recon - Hillsdale, Goldgate and Darsam	-	220,000	-	-	20,000	170,000	30,000	-	-	-	-	-
B1504.0000 Recon - Church St. John to Bythia	-	280,000	-	-	-	-	-	-	-	40,000	204,000	36,000
B1505.0000 Recon - Bythia: Church to Hillside	-	386,800	-	-	-	40,000	294,780	52,020	-	-	-	-
B1548.0000 Hybrid Reconstruction of Avonmore and Johanna	-	45,000	-	45,000	-	-	-	-	-	-	-	-
B1440.4442 Vehicle 21 Replacement	-	125,000	60,000	-	-	-	-	-	-	65,000	-	-
B1438.4701 Vehicle 27 Replacement	-	165,000	80,000	-	-	-	-	-	-	85,000	-	-
B1475.4822 Vehicle 33 Replacement	-	86,000	-	-	-	-	-	86,000	-	-	-	-
B1565.0000 Dayforce Optimization and Enhancement Initiative	-	4,800	4,800	-	-	-	-	-	-	-	-	-
20389.0000 CRM System Upgrade	-	24,000	24,000	-	-	-	-	-	-	-	-	-
B1407.0000 Website Updates	-	10,000	10,000	-	-	-	-	-	-	-	-	-
<b>Studies:</b>												
WPCP Building Condition Assessment	-	180,000	-	80,000	-	-	-	-	-	100,000	-	-
<b>Growth Related:</b>												
<b>Town-Wide</b>												
11824.0000 Water and Wastewater Rate Study	30,000	-	-	-	-	-	-	-	-	-	-	-
11824.0000 Water and Wastewater Rate Study	-	114,000	-	-	-	-	-	54,000	-	-	-	60,000
11788.1060 CF - Inflow and Infiltrn Stn -- Water Pollution Control Plant	160,910	-	-	-	-	-	-	-	-	-	-	-
11788.1060 CF - Inflow and Infiltrn Stn -- Water Pollution Control Plant	-	170,000	-	-	-	-	-	170,000	-	-	-	-
33703.0000 Sanitary Sewer Rehabilitation (I&I)	-	5,000,000	-	-	-	-	833,000	833,000	833,000	833,000	833,000	835,000
26049.1060 Flood Mitigation at the WPCP Water Pollution Control Plant	26,321	473,679	473,679	-	-	-	-	-	-	-	-	-
Sanitary Servicing Assessment	-	125,000	-	125,000	-	-	-	-	-	-	-	-
<b>SCADA Projects</b>												
B1423.0000 SCADA Upgrade	-	2,000,000	100,000	200,000	1,100,000	600,000	-	-	-	-	-	-
20362.0000 CF - SCADA Server Replacement	-	402,163	402,163	-	-	-	-	-	-	-	-	-
<b>Projects with Growth-Related SCADA Component</b>												
26039.0000 Thickening Tank Centre Unit	-	520,000	-	520,000	-	-	-	-	-	-	-	-
33702.0000 Sewage Pumping Station - Pumpi --	47,000	384,000	50,000	50,000	-	-	-	-	237,000	47,000	-	-
B1427.0000 Sewage Pump Station Level Indicator Replacements	-	60,000	60,000	-	-	-	-	-	-	-	-	-
21182.1060 CF - Digester No 2 Refurb -- Water Pollution Control Plant	2,621,169	1,684,796	1,684,796	-	-	-	-	-	-	-	-	-
26040.1060 Sludge Storage Tank Rehabilitation	-	750,000	250,000	500,000	-	-	-	-	-	-	-	-
26042.1060 MLR Pump Replacement Program -- Water Pollution Control Plant	-	205,000	57,000	-	37,000	-	37,000	-	37,000	-	37,000	-
33087.1060 Sludge Transfer Well Rehab -- Water Pollution Control Plant	-	22,000	22,000	-	-	-	-	-	-	-	-	-
B0952.1060 Tertiary Treatment-Travelling Bridge Replacement incl. Pumps	-	624,000	-	-	-	208,000	208,000	208,000	-	-	-	-
B0953.1060 Chlorine, Alum and SBS Tank Replacements - Chemical Building	-	122,000	-	-	-	122,000	-	-	-	-	-	-
B1086.1060 Sludge Loading Pump Replacements	-	116,000	-	-	-	116,000	-	-	-	-	-	-
B1296.1060 Chemical Storage Building Rehabilitation	-	905,000	-	-	125,000	780,000	-	-	-	-	-	-
B1298.1060 Digester 1 Cleanout and Assessment	-	472,000	-	-	-	-	-	-	472,000	-	-	-
B1314.0000 Flare Stack Replacement	-	67,000	-	67,000	-	-	-	-	-	-	-	-
B1315.1060 Admin Building Transformer Replacement	-	300,000	-	-	-	-	-	300,000	-	-	-	-
B1316.1060 Grit Removal System - New Plant	-	300,000	50,000	250,000	-	-	-	-	-	-	-	-
B1317.1060 Aeration Diffuser Piping	-	42,000	-	-	-	42,000	-	-	-	-	-	-
B1325.1060 Turbo Blower Replacements	-	257,000	-	-	-	-	-	-	-	257,000	-	-
B1326.1060 WAS Pump Replacement (Old Plant)	-	22,000	-	-	-	-	-	-	-	22,000	-	-
B1327.1060 Flo-Dar Unit Replacements	-	48,000	-	-	-	-	-	48,000	-	-	-	-
B1330.1060 Inlet VFD Replacements	-	96,000	-	-	48,000	-	-	48,000	-	-	-	-
B1493.1060 Digester Feed Grinder	-	190,000	-	190,000	-	-	-	-	-	-	-	-



Table A-12 (continued)  
Town of Orangeville  
Wastewater Capital Budget Forecast (uninflated \$)

Description	Budget 2024	Total 2025-2034	Forecast										
			2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	
<b>Capital Expenditures</b>													
B1494.1060 Conversion to Ultraviolet (UV) Disinfection	-	9,010,000	-	120,000	8,890,000	-	-	-	-	-	-	-	-
B1496.1060 Membrane Aerated Biofilm Reactors	-	1,218,000	-	1,218,000	-	-	-	-	-	-	-	-	-
B1509.1060 Grit Removal System - Old Plant	-	2,710,000	-	-	-	-	1,355,000	1,355,000	-	-	-	-	-
Capital IT Projects with Growth-Related SCADA Upgrade Component	-	287,103	113,512	16,244	13,129	22,455	17,302	40,238	20,610	11,694	20,197	11,723	
<b>Area-Specific</b>													
Hansen Boulevard Trunk Sanitary Sewer	-	554,400		554,400									
B0082.0000 Trunk Sewer Capacity Increase (Bredin Pkwy, Third St at Fourth Ave)	-	475,000	-	-	-	-	-	475,000					
<b>Total Capital Expenditures</b>	<b>6,190,466</b>	<b>42,902,160</b>	<b>6,823,504</b>	<b>6,621,616</b>	<b>10,855,963</b>	<b>2,820,525</b>	<b>3,471,571</b>	<b>4,937,008</b>	<b>2,934,460</b>	<b>2,113,144</b>	<b>1,322,747</b>	<b>1,001,623</b>	



**Table A-13**  
**Town of Orangeville**  
**Wastewater Capital Budget Forecast and Recommended Capital Financing (inflated \$)**

Description	Budget 2024	Total	Forecast												
			2025	2026	2027	2028	2029	2030	2031	2032	2033	2034			
<b>Capital Expenditures</b>															
11803.0000 CF - SCADA Master Plan	150,000	-	-	-	-	-	-	-	-	-	-	-	-	-	
26018.0000 CF - Clarifier 3 Centre Unit R	1,420,000	-	-	-	-	-	-	-	-	-	-	-	-	-	
26059.0000 Sewage Sampler & Assoc Works	20,000	95,000	-	-	-	16,000	-	17,000	18,000	-	-	-	-	44,000	
33701.0000 Sewage Pump Stn - Spare Pump	-	50,000	-	-	-	-	-	50,000	-	-	-	-	-	-	
26019.0000 Mixer # 6 Replacement	-	37,000	17,000	-	-	-	-	-	20,000	-	-	-	-	-	
26022.1060 Mixer #4 Replacement -- Water Pollution Control Plant	-	18,000	-	-	18,000	-	-	-	-	-	-	-	-	-	
26025.1060 CF - Sump Pump Replacements -- Water Pollution Control Plant	-	12,000	-	-	-	-	-	-	-	12,000	-	-	-	-	
20419.1060 CF - Detritor Centre Unit Repl -- Water Pollution Control Plant	944,744	-	-	-	-	-	-	-	-	-	-	-	-	-	
26027.1060 Mixer # 5 Replacement -- Water Pollution Control Plant	-	18,000	-	-	18,000	-	-	-	-	-	-	-	-	-	
26034.1060 Headworks - Pumping Equipment -- Water Pollution Control Plant	16,000	-	-	-	-	-	-	-	-	-	-	-	-	-	
26036.1060 Elevated Walkway -- Water Pollution Control Plant	-	77,000	77,000	-	-	-	-	-	-	-	-	-	-	-	
26058.0000 New Plant - Mixers #1, #2 & #3 - Replacements	54,000	63,000	-	-	-	-	-	-	63,000	-	-	-	-	-	
B0948.1060 Old Plant - Mixers 7,8,9&10 - Replacement	-	40,000	40,000	-	-	-	-	-	-	-	-	-	-	-	
B1362.1060 Tractor	-	160,000	160,000	-	-	-	-	-	-	-	-	-	-	-	
B1428.0000 Water and Wastewater System Modelling	-	271,000	-	-	-	-	-	-	-	179,000	92,000	-	-	-	
B1424.1060 Truck Fill Station	-	30,000	30,000	-	-	-	-	-	-	-	-	-	-	-	
11813.0000 Engineering Standards Update	-	63,000	25,000	-	-	-	-	-	38,000	-	-	-	-	-	
13986.0000 CF - Climate Change	-	13,000	13,000	-	-	-	-	-	-	-	-	-	-	-	
21206.1060 WPCP Roof Projects	67,723	459,000	131,000	100,000	97,000	83,000	48,000	-	-	-	-	-	-	-	
WPCP Exterior Doors	-	20,000	20,000	-	-	-	-	-	-	-	-	-	-	-	
26048.0000 Shed	-	33,000	-	-	-	33,000	-	-	-	-	-	-	-	-	
26050.0000 Operations Equipment	9,599	-	-	-	-	-	-	-	-	-	-	-	-	-	
31115.0000 CF - Recon - Centennial	200,000	-	-	-	-	-	-	-	-	-	-	-	-	-	
31116.0000 CF - Recon Church St	423,000	-	-	-	-	-	-	-	-	-	-	-	-	-	
31119.0000 Recon - Victoria St - Ontario to John	-	355,000	300,000	55,000	-	-	-	-	-	-	-	-	-	-	
31120.0000 Recon - Ontario St. Vic to Pri	-	243,000	206,000	37,000	-	-	-	-	-	-	-	-	-	-	
31121.0000 Recon - Cardwell St, Townline	-	249,000	-	249,000	-	-	-	-	-	-	-	-	-	-	
31122.0000 Recon - Cardwell St, Dufferin	-	1,171,000	-	-	-	558,000	-	-	519,000	94,000	-	-	-	-	
31123.0000 Recon - Dufferin St, John to O	-	619,000	524,000	95,000	-	-	-	-	-	-	-	-	-	-	
31124.0000 Recon - Third Ave, 1st St to 2nd St	-	304,000	257,000	47,000	-	-	-	-	-	-	-	-	-	-	
31125.0000 Recon - Third Ave, 2nd St to 3rd St.	-	269,000	228,000	41,000	-	-	-	-	-	-	-	-	-	-	
31126.0000 Recon - Steven St	-	262,000	222,000	40,000	-	-	-	-	-	-	-	-	-	-	
31127.0000 Recon - Andrew St	-	441,000	373,000	68,000	-	-	-	-	-	-	-	-	-	-	
31128.0000 Bythia Street (Court) Reconstruction	-	276,000	234,000	42,000	-	-	-	-	-	-	-	-	-	-	
B0982.0000 Recon - Carlton Dr - Madison to Lawrence	-	619,000	524,000	95,000	-	-	-	-	-	-	-	-	-	-	
B1004.0000 Recon - Erindale, Dufferin to Princess St	-	660,000	-	660,000	-	-	-	-	-	-	-	-	-	-	
B1009.0000 Recon - Zina St, First St to Louisa	-	720,000	-	-	-	-	-	-	-	-	609,000	111,000	-	-	
B1014.0000 Recon - Amanda, Townline to Parsons	-	548,000	-	-	-	-	-	-	464,000	84,000	-	-	-	-	
B1015.0000 Recon - Amanda, Parsons to Front	-	313,000	-	-	-	-	-	-	265,000	48,000	-	-	-	-	
B1195.0000 Recon of Edelwild Century to Parkview	-	656,000	-	656,000	-	-	-	-	-	-	-	-	-	-	
B1273.0000 Recon Bythia St Townline to Church	-	672,000	-	-	-	-	-	569,000	103,000	-	-	-	-	-	
B1278.0000 Reconstruction of Dufferin Street - Erindale to Ontario	-	546,000	-	546,000	-	-	-	-	-	-	-	-	-	-	
B1331.0000 C-Line Reconstruction Century to Town Line	-	664,000	-	-	-	-	-	-	562,000	102,000	-	-	-	-	-
B1332.0000 John Street Reconstruction Townline to Corp Limits	-	344,000	-	-	291,000	53,000	-	-	-	-	-	-	-	-	
B1359.0000 Caledonia Road Reconstruction	-	314,000	-	35,000	236,000	43,000	-	-	-	-	-	-	-	-	
B1360.0000 Hillside Drive Reconstruction	-	251,000	-	-	-	-	-	-	-	-	40,000	179,000	32,000	-	
B1414.4000 Fleet Management Plan	-	3,000	3,000	-	-	-	-	-	-	-	-	-	-	-	



Table A-13 (continued)  
Town of Orangeville  
Wastewater Capital Budget Forecast and Recommended Capital Financing (inflated \$)

Description	Budget 2024	Total	Forecast										
			2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	
<b>Capital Expenditures</b>													
B1490.4392 Vehicle 53 Replacement	-	20,000	-	-	-	-	-	-	-	20,000	-	-	-
B1497.0000 Recon/Widening - Fourth Ave: Third St to Hwy #10	-	637,000	-	-	-	-	-	56,000	-	492,000	89,000	-	-
B1503.0000 Hybrid Recon - Hillsdale, Goldgate and Darsam	-	241,000	-	-	21,000	186,000	34,000	-	-	-	-	-	-
B1504.0000 Recon - Church St. John to Bythia	-	354,000	-	-	-	-	-	-	-	-	49,000	258,000	47,000
B1505.0000 Recon - Bythia: Church to Hillside	-	436,000	-	-	-	44,000	332,000	60,000	-	-	-	-	-
B1548.0000 Hybrid Reconstruction of Avonmore and Johanna	-	46,000	-	46,000	-	-	-	-	-	-	-	-	-
B1440.4442 Vehicle 21 Replacement	-	140,000	60,000	-	-	-	-	-	-	-	80,000	-	-
B1438.4701 Vehicle 27 Replacement	-	185,000	80,000	-	-	-	-	-	-	-	105,000	-	-
B1475.4822 Vehicle 33 Replacement	-	100,000	-	-	-	-	-	100,000	-	-	-	-	-
B1565.0000 Dayforce Optimization and Enhancement Initiative	-	5,000	5,000	-	-	-	-	-	-	-	-	-	-
20389.0000 CRM System Upgrade	-	24,000	24,000	-	-	-	-	-	-	-	-	-	-
B1407.0000 Website Updates	-	10,000	10,000	-	-	-	-	-	-	-	-	-	-
<b>Studies:</b>													
WPCP Building Condition Assessment	-	201,000	-	82,000	-	-	-	-	-	119,000	-	-	-
<b>Growth Related:</b>													
<b>Town-Wide</b>													
11824.0000 Water and Wastewater Rate Study	30,000	-	-	-	-	-	-	-	-	-	-	-	-
11824.0000 Water and Wastewater Rate Study	-	139,000	-	-	-	-	-	61,000	-	-	-	-	78,000
11788.1060 CF - Inflow and Infiltrtn Stn -- Water Pollution Control Plant	160,910	-	-	-	-	-	-	-	-	-	-	-	-
11788.1060 CF - Inflow and Infiltrtn Stn -- Water Pollution Control Plant	-	197,000	-	-	-	-	-	197,000	-	-	-	-	-
33703.0000 Sanitary Sewer Rehabilitation (I&I)	-	6,067,000	-	-	-	-	938,000	966,000	995,000	1,024,000	1,055,000	1,089,000	-
26049.1060 Flood Mitigation at the WPCP Water Pollution Control Plant	26,321	474,000	474,000	-	-	-	-	-	-	-	-	-	-
Sanitary Servicing Assessment	-	133,000	-	133,000	-	-	-	-	-	-	-	-	-
<b>SCADA Projects</b>													
B1423.0000 SCADA Upgrade	-	2,129,000	100,000	206,000	1,167,000	656,000	-	-	-	-	-	-	-
20362.0000 CF - SCADA Server Replacement	-	402,000	402,000	-	-	-	-	-	-	-	-	-	-
<b>Projects with Growth-Related SCADA Component</b>													
26039.0000 Thickening Tank Centre Unit	-	536,000	-	536,000	-	-	-	-	-	-	-	-	-
33702.0000 Sewage Pumping Station - Pumpi --	47,000	443,000	50,000	52,000	-	-	-	-	283,000	58,000	-	-	-
B1427.0000 Sewage Pump Station Level Indicator Replacements	-	60,000	60,000	-	-	-	-	-	-	-	-	-	-
21182.1060 CF - Digester No 2 Refurb -- Water Pollution Control Plant	2,621,169	1,685,000	1,685,000	-	-	-	-	-	-	-	-	-	-
26040.1060 Sludge Storage Tank Rehabilitation	-	765,000	250,000	515,000	-	-	-	-	-	-	-	-	-
26042.1060 MLR Pump Replacement Program -- Water Pollution Control Plant	-	229,000	57,000	-	39,000	-	42,000	-	44,000	-	47,000	-	-
33087.1060 Sludge Transfer Well Rehab -- Water Pollution Control Plant	-	22,000	22,000	-	-	-	-	-	-	-	-	-	-
B0952.1060 Tertiary Treatment-Travelling Bridge Replacement incl. Pumps	-	702,000	-	-	-	227,000	234,000	241,000	-	-	-	-	-
B0953.1060 Chlorine, Alum and SBS Tank Replacements - Chemical Building	-	133,000	-	-	-	133,000	-	-	-	-	-	-	-
B1086.1060 Sludge Loading Pump Replacements	-	127,000	-	-	-	127,000	-	-	-	-	-	-	-
B1296.1060 Chemical Storage Building Rehabilitation	-	985,000	-	-	133,000	852,000	-	-	-	-	-	-	-
B1298.1060 Digester 1 Cleanout and Assessment	-	564,000	-	-	-	-	-	-	564,000	-	-	-	-
B1314.0000 Flare Stack Replacement	-	69,000	-	69,000	-	-	-	-	-	-	-	-	-
B1315.1060 Admin Building Transformer Replacement	-	348,000	-	-	-	-	-	348,000	-	-	-	-	-
B1316.1060 Grit Removal System - New Plant	-	308,000	50,000	258,000	-	-	-	-	-	-	-	-	-
B1317.1060 Aeration Diffuser Piping	-	46,000	-	-	-	46,000	-	-	-	-	-	-	-
B1325.1060 Turbo Blower Replacements	-	316,000	-	-	-	-	-	-	-	316,000	-	-	-



Table A-13 (continued)  
Town of Orangeville  
Wastewater Capital Budget Forecast and Recommended Capital Financing (inflated \$)

Description	Budget 2024	Total	Forecast										
			2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	
<b>Capital Expenditures</b>													
B1326.1060 WAS Pump Replacement (Old Plant)	-	27,000	-	-	-	-	-	-	-	-	27,000	-	-
B1327.1060 Flo-Dar Unit Replacements	-	56,000	-	-	-	-	-	-	56,000	-	-	-	-
B1330.1060 Inlet VFD Replacements	-	107,000	-	-	51,000	-	-	-	56,000	-	-	-	-
B1493.1060 Digester Feed Grinder	-	196,000	-	196,000	-	-	-	-	-	-	-	-	-
B1494.1060 Conversion to Ultraviolet (UV) Disinfection	-	9,555,000	-	124,000	9,431,000	-	-	-	-	-	-	-	-
B1496.1060 Membrane Aerated Biofilm Reactors	-	1,255,000	-	1,255,000	-	-	-	-	-	-	-	-	-
B1509.1060 Grit Removal System - Old Plant	-	3,096,000	-	-	-	-	-	1,525,000	1,571,000	-	-	-	-
Capital IT Projects with Growth-Related SCADA Upgrade Component	-	316,000	114,000	17,000	14,000	25,000	19,000	47,000	25,000	14,000	26,000	15,000	
<b>Area-Specific</b>													
Hansen Boulevard Trunk Sanitary Sewer	-	588,000	-	588,000	-	-	-	-	-	-	-	-	-
B0082.0000 Trunk Sewer Capacity Increase (Bredin Pkwy, Third St at Fourth Ave)	-	567,000	-	-	-	-	-	567,000	-	-	-	-	-
<b>Total Capital Expenditures</b>	<b>6,190,466</b>	<b>46,999,000</b>	<b>6,827,000</b>	<b>6,843,000</b>	<b>11,516,000</b>	<b>3,082,000</b>	<b>3,908,000</b>	<b>5,741,000</b>	<b>3,504,000</b>	<b>2,597,000</b>	<b>1,676,000</b>	<b>1,305,000</b>	
<b>Capital Financing</b>													
Canada Community-Building Fund (CCBF)	-	1,552,000	-	-	-	780,000	-	300,000	472,000	-	-	-	-
Provincial/Federal Grants	-	4,715,500	-	-	4,715,500	-	-	-	-	-	-	-	-
Town-Wide Development Charges Reserve Fund	183,233	3,311,408	172,303	140,076	341,917	114,710	781,083	305,603	408,864	224,990	344,679	477,184	
Area-Specific Development Charges Reserve Fund	-	1,074,315	-	548,738	-	-	-	525,576	-	-	-	-	-
Non-Growth Related Debenture Requirements	1,804,347	11,350,000	-	3,700,000	4,700,000	-	1,150,000	1,800,000	-	-	-	-	-
Growth Related Debenture Requirements	-	2,400,000	-	-	-	-	-	500,000	400,000	600,000	500,000	400,000	
Wastewater Reserve	4,202,886	22,595,777	6,654,697	2,454,186	1,758,583	2,187,290	1,976,917	2,309,821	2,223,136	1,772,010	831,321	427,816	
<b>Total Capital Financing</b>	<b>6,190,466</b>	<b>46,999,000</b>	<b>6,827,000</b>	<b>6,843,000</b>	<b>11,516,000</b>	<b>3,082,000</b>	<b>3,908,000</b>	<b>5,741,000</b>	<b>3,504,000</b>	<b>2,597,000</b>	<b>1,676,000</b>	<b>1,305,000</b>	



Table A-14  
Town of Orangeville  
Schedule of Wastewater Non-Growth-Related Debenture Repayments (inflated \$)

Debenture Year	2024	Principal (Inflated)	Forecast									
			2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
2025		-		-	-	-	-	-	-	-	-	-
2026		3,700,000			277,096	277,096	277,096	277,096	277,096	277,096	277,096	277,096
2027		4,700,000				351,987	351,987	351,987	351,987	351,987	351,987	351,987
2028		-					-	-	-	-	-	-
2029		1,150,000						86,124	86,124	86,124	86,124	86,124
2030		1,800,000							134,803	134,803	134,803	134,803
2031		-							-	-	-	-
2032		-								-	-	-
2033		-									-	-
2034		-										-
<b>Total Annual Debt Charges</b>	<b>-</b>	<b>11,350,000</b>	<b>-</b>	<b>-</b>	<b>277,096</b>	<b>629,082</b>	<b>629,082</b>	<b>715,207</b>	<b>850,010</b>	<b>850,010</b>	<b>850,010</b>	<b>850,010</b>

Table A-15  
Town of Orangeville  
Schedule of Wastewater Growth-Related Debenture Repayments (inflated \$)

Debenture Year	2024	Principal (Inflated)	Forecast									
			2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
2025		-		-	-	-	-	-	-	-	-	-
2026		-			-	-	-	-	-	-	-	-
2027		-				-	-	-	-	-	-	-
2028		-					-	-	-	-	-	-
2029		-						-	-	-	-	-
2030		500,000							37,445	37,445	37,445	37,445
2031		400,000								29,956	29,956	29,956
2032		600,000									44,934	44,934
2033		500,000										37,445
2034		400,000										
<b>Total Annual Debt Charges</b>	<b>-</b>	<b>2,400,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>37,445</b>	<b>67,402</b>	<b>112,336</b>	<b>149,781</b>



Table A-16  
Town of Orangeville  
Wastewater Reserve/Reserve Fund Continuity (inflated \$)

Description	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Opening Balance	9,523,793	6,671,984	1,258,645	408,536	424,280	21,220	28,475	70,983	583,314	2,167,345	5,441,156
Transfer from Operating	1,440,551	1,216,679	1,596,066	1,766,008	1,783,815	1,983,613	2,350,937	2,724,029	3,313,545	3,998,443	4,794,072
Transfer to Capital	4,202,886	6,654,697	2,454,186	1,758,583	2,187,290	1,976,917	2,309,821	2,223,136	1,772,010	831,321	427,816
Transfer to Operating	220,297	-	-	-	-	-	-	-	-	-	-
<b>Closing Balance</b>	<b>6,541,161</b>	<b>1,233,965</b>	<b>400,525</b>	<b>415,960</b>	<b>20,804</b>	<b>27,917</b>	<b>69,591</b>	<b>571,876</b>	<b>2,124,848</b>	<b>5,334,467</b>	<b>9,807,412</b>
Interest	130,823	24,679	8,011	8,319	416	558	1,392	11,438	42,497	106,689	196,148

Table A-17  
Town of Orangeville  
Town-Wide Wastewater Development Charges Reserve Fund Continuity (inflated \$)

Description	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Opening Balance	2,375,971	1,351,080	1,170,193	1,073,837	825,914	860,977	276,299	224,173	87,861	166,591	142,404
Development Charge	234,628	1,047,215	1,078,622	1,110,970	1,144,275	1,178,585	1,213,895	1,250,301	1,287,844	1,326,490	1,366,278
Transfer to Capital	183,233	172,303	140,076	341,917	114,710	781,083	305,603	408,864	224,990	344,679	477,184
Transfer to Operating	1,102,778	1,078,743	1,055,957	1,033,171	1,011,384	987,599	964,812	979,472	987,391	1,008,790	1,023,449
<b>Closing Balance</b>	<b>1,324,588</b>	<b>1,147,248</b>	<b>1,052,782</b>	<b>809,719</b>	<b>844,095</b>	<b>270,881</b>	<b>219,778</b>	<b>86,139</b>	<b>163,325</b>	<b>139,612</b>	<b>8,050</b>
Interest	26,492	22,945	21,056	16,194	16,882	5,418	4,396	1,723	3,266	2,792	161

Table A-18  
Town of Orangeville  
Area-Specific Wastewater Development Charges Reserve Fund Continuity (inflated \$)

Description	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Opening Balance	-	-	-	-	-	-	-	-	-	-	-
Development Charge	-	-	548,738	-	-	-	525,576	-	-	-	-
Transfer to Capital	-	-	548,738	-	-	-	525,576	-	-	-	-
Transfer to Operating	-	-	-	-	-	-	-	-	-	-	-
<b>Closing Balance</b>	<b>-</b>										
Interest	-	-	-	-	-	-	-	-	-	-	-



Table A-19  
Town of Orangeville  
Canada Community-Building Fund (Wastewater Portion Only) Reserve Fund Continuity (inflated \$)

Description	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Opening Balance	-	-	-	-	-	-	-	-	-	-	-
Canada Community-Building Fund (Wastewater Portion)	-	-	-	-	780,000	-	300,000	472,000	-	-	-
Transfer to Capital	-	-	-	-	780,000	-	300,000	472,000	-	-	-
Transfer to Operating	-	-	-	-	-	-	-	-	-	-	-
<b>Closing Balance</b>	-	-	-	-	-	-	-	-	-	-	-



**Table A-20**  
**Town of Orangeville**  
**Wastewater Operating Budget Forecast (inflated \$)**

Description	Budget 2024	Forecast										
		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	
<b>Expenditures</b>												
<b>Operating Costs</b>												
Salaries - FT	846,953	947,411	971,096	995,373	1,020,257	1,045,765	1,071,909	1,098,707	1,126,174	1,154,329	1,183,187	
Salaries - PT	-	3,107	3,185	3,264	3,345	3,429	3,515	3,603	3,693	3,785	3,880	
Standby Pay	12,525	16,037	16,037	16,037	16,037	16,037	16,438	16,849	17,270	17,702	18,144	
OT - Salaries FT	43,000	44,204	44,204	44,204	44,204	44,204	45,309	46,442	47,603	48,793	50,013	
Distributed Labour	4,200	4,318	4,318	4,318	4,318	4,318	4,426	4,536	4,650	4,766	4,885	
Emp Benefits - FT	273,120	329,738	355,396	376,919	400,739	425,842	436,488	447,400	458,585	470,050	481,801	
Emp Benefits - PT	-	390	403	417	432	448	459	471	483	495	507	
Memberships/Subscriptions	800	800	800	800	800	800	816	832	849	866	883	
Professional Assoc Fees	1,000	1,250	1,500	1,500	1,500	1,500	1,530	1,561	1,592	1,624	1,656	
Workshops/Training Courses	15,010	27,130	27,500	28,100	28,700	29,300	29,886	30,484	31,093	31,715	32,350	
Conferences	1,375	11,625	11,750	11,750	11,750	11,750	11,985	12,225	12,469	12,719	12,973	
Mileage	500	900	900	900	900	900	918	936	955	974	994	
Advertising & Promotion	200	200	200	200	200	200	204	208	212	216	221	
Water and Sewer Reading / Billing	219,000	219,000	219,000	219,000	219,000	219,000	223,380	227,848	232,405	237,053	241,794	
Prof Fees - Engineering	155,600	185,600	185,600	190,600	190,600	196,000	199,920	203,918	207,997	212,157	216,400	
Prof Fees - Consulting	7,400	8,600	8,800	10,000	10,000	10,000	10,200	10,404	10,612	10,824	11,041	
Prof Fees - Legal	7,500	7,500	7,500	10,000	10,000	10,000	10,200	10,404	10,612	10,824	11,041	
Insurance	183,337	200,899	220,990	243,088	267,398	294,137	323,551	355,906	391,496	430,646	473,711	
Video Production	1,500	1,500	1,500	1,500	1,500	1,500	1,530	1,561	1,592	1,624	1,656	
Computer Operation & Supplies	27,182	27,569	27,972	28,390	28,826	29,279	29,865	30,462	31,071	31,693	32,326	
After Hours Dispatch	7,150	7,150	7,150	7,150	7,150	7,150	7,293	7,439	7,588	7,739	7,894	
Inter-Departmental	437,064	380,064	380,064	380,064	380,064	380,064	387,665	395,419	403,327	411,393	419,621	
Inter-Departmental - IT	114,635	127,212	129,742	132,536	134,087	135,669	138,382	141,150	143,973	146,852	149,790	
CVC Contribution	123,835	125,693	130,092	134,645	139,358	144,236	149,284	154,509	159,917	165,514	171,307	
CVC Contribution - Special	29,252	68,007	70,387	72,851	75,401	78,040	80,771	83,598	86,524	89,552	92,687	
Uniforms	5,300	5,550	6,800	6,800	6,800	6,800	6,936	7,075	7,216	7,361	7,508	
Outside Srv	380,000	395,000	402,000	404,500	411,500	429,000	437,580	446,332	455,258	464,363	473,651	
Outside Laboratory Srv	29,000	29,000	29,500	29,500	29,500	29,500	30,090	30,692	31,306	31,932	32,570	
Telephone/Communications	5,020	7,920	7,920	7,920	7,920	7,920	8,712	9,583	10,542	11,596	12,755	
Hydro	449,835	517,310	569,041	625,945	688,540	757,394	833,133	916,447	1,008,091	1,108,901	1,219,791	
Mtc Equip	71,000	75,000	77,000	79,000	81,000	81,000	82,620	84,272	85,958	87,677	89,431	
Materials & Supplies	41,000	42,000	43,000	43,500	43,500	44,000	44,880	45,778	46,693	47,627	48,580	
Software Agreements	120,680	113,180	120,680	125,680	125,680	125,680	128,194	130,757	133,373	136,040	138,761	
Server Mtc	5,000	5,000	5,000	5,000	5,000	5,000	5,100	5,202	5,306	5,412	5,520	
SCADA Mtc	51,168	53,214	55,342	57,553	59,854	60,964	62,183	63,427	64,695	65,989	67,309	
Srv Agreemt/Equip Repair	2,200	2,200	2,200	2,200	2,200	2,200	2,244	2,289	2,335	2,381	2,429	
Small Equip	46,000	47,000	48,000	49,000	50,000	51,000	52,020	53,060	54,122	55,204	56,308	
Marsh Monitoring Survey	95,000	70,000	71,400	72,828	74,285	75,770	77,286	78,831	80,408	82,016	83,656	
Biosolids Disposal	742,900	792,900	808,758	824,933	841,432	858,260	875,426	892,934	910,793	929,009	947,589	
Chemicals	312,000	323,500	327,000	330,000	333,000	336,000	369,600	406,560	447,216	491,938	541,131	



Table A-20 (continued)  
Town of Orangeville  
Wastewater Operating Budget Forecast (inflated \$)

Description	Budget 2024	Forecast										
		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	
<b>Expenditures</b>												
<b>Operating Costs</b>												
Natural Gas	80,359	84,377	88,596	93,026	97,677	102,561	112,817	124,099	136,509	150,160	165,176	
Mtc Facilities	5,000	6,000	6,000	6,000	6,000	6,000	6,120	6,242	6,367	6,495	6,624	
Janitorial Srv	16,500	16,500	16,500	17,000	17,000	17,000	17,340	17,687	18,041	18,401	18,769	
Payment in-lieu of Tax	35,993	35,993	35,993	35,993	35,993	35,993	36,713	37,447	38,196	38,960	39,739	
Fuel	4,779	5,093	5,246	5,404	5,566	5,733	6,306	6,937	7,631	8,394	9,233	
Vehicle Licenses	1,060	1,081	1,103	1,125	1,148	1,171	1,194	1,218	1,243	1,268	1,293	
Leased Vehicle Exp	29,794	30,390	30,998	15,025	15,325	15,712	-	-	-	-	-	
Vehicle Mtc Costs/Parts	8,323	8,429	8,547	8,668	9,042	9,242	9,427	9,615	9,808	10,004	10,204	
Other Staffing Costs	126,484	256,441	262,852	269,423	276,159	495,233	507,614	520,304	533,312	546,645	560,311	
<b>Sub Total Operating</b>	<b>5,176,533</b>	<b>5,668,981</b>	<b>5,855,562</b>	<b>6,029,630</b>	<b>6,220,685</b>	<b>6,648,701</b>	<b>6,899,459</b>	<b>7,183,659</b>	<b>7,487,158</b>	<b>7,811,675</b>	<b>8,159,098</b>	
<b>Capital-Related</b>												
Existing Debt (Principal) - Growth Related	640,062	640,062	640,062	640,062	640,062	640,062	640,062	640,062	640,062	640,062	640,062	
Existing Debt (Interest) - Growth Related	462,716	438,681	415,895	393,109	371,322	347,537	324,750	301,964	279,927	256,392	233,605	
New Growth Related Debt (Principal)	-	-	-	-	-	-	-	16,445	30,292	51,299	69,899	
New Growth Related Debt (Interest)	-	-	-	-	-	-	-	21,000	37,109	61,037	79,882	
Existing Debt (Principal) - Non-Growth Related	151,578	153,854	150,234	87,281	87,281	87,281	87,281	87,281	87,281	87,281	87,281	
Existing Debt (Interest) - Non-Growth Related	68,719	63,165	57,781	53,606	50,635	47,391	44,284	41,177	38,172	34,963	31,855	
New Non-Growth Related Debt (Principal)	-	-	-	121,696	281,394	293,212	343,351	416,975	434,488	452,737	471,752	
New Non-Growth Related Debt (Interest)	-	-	-	155,400	347,689	335,870	371,855	433,035	415,522	397,273	378,258	
Transfer to Canada Community-Building Fund (Wastewater Portion) Reserve Fund	-	-	-	-	780,000	-	300,000	472,000	-	-	-	
Transfer to Capital Reserve Fund	1,440,551	1,216,679	1,596,066	1,766,008	1,783,815	1,983,613	2,350,937	2,724,029	3,313,545	3,998,443	4,794,072	
<b>Sub Total Capital Related</b>	<b>2,763,626</b>	<b>2,512,441</b>	<b>2,860,038</b>	<b>3,217,162</b>	<b>4,342,197</b>	<b>3,734,967</b>	<b>4,462,521</b>	<b>5,153,969</b>	<b>5,276,399</b>	<b>5,979,486</b>	<b>6,786,668</b>	
<b>Total Expenditures</b>	<b>7,940,159</b>	<b>8,181,422</b>	<b>8,715,600</b>	<b>9,246,792</b>	<b>10,562,882</b>	<b>10,383,668</b>	<b>11,361,980</b>	<b>12,337,628</b>	<b>12,763,556</b>	<b>13,791,162</b>	<b>14,945,766</b>	
<b>Revenues</b>												
Base Charge	1,539,195	1,781,718	2,068,820	2,398,880	2,781,411	3,224,725	3,738,453	4,333,742	5,023,503	5,822,683	6,748,588	
Canada Community-Building Fund (Wastewater Portion) Receipts	-	-	-	-	780,000	-	300,000	472,000	-	-	-	
Contributions from Development Charges Reserve Fund	1,102,778	1,078,743	1,055,957	1,033,171	1,011,384	987,599	964,812	979,472	987,391	1,008,790	1,023,449	
Contributions from Reserves / Reserve Funds	220,297	-	-	-	-	-	-	-	-	-	-	
<b>Total Operating Revenue</b>	<b>2,862,270</b>	<b>2,860,462</b>	<b>3,124,777</b>	<b>3,432,051</b>	<b>4,572,794</b>	<b>4,212,324</b>	<b>5,003,265</b>	<b>5,785,214</b>	<b>6,010,894</b>	<b>6,831,473</b>	<b>7,772,037</b>	
<b>Wastewater Billing Recovery - Total</b>	<b>5,077,889</b>	<b>5,320,960</b>	<b>5,590,823</b>	<b>5,814,740</b>	<b>5,990,088</b>	<b>6,171,344</b>	<b>6,358,715</b>	<b>6,552,414</b>	<b>6,752,663</b>	<b>6,959,689</b>	<b>7,173,728</b>	



Table A-21  
Town of Orangeville  
Wastewater Rate Calculation (inflated \$)

Description	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
<b>Total Wastewater Billing Recovery</b>	<b>5,077,889</b>	<b>5,320,960</b>	<b>5,590,823</b>	<b>5,814,740</b>	<b>5,990,088</b>	<b>6,171,344</b>	<b>6,358,715</b>	<b>6,552,414</b>	<b>6,752,663</b>	<b>6,959,689</b>	<b>7,173,728</b>
<b>Increasing Block Structure -</b>											
<i>Volume Forecast By Block (m3)</i>											
Block 1	1,351,571	1,346,146	1,347,967	1,348,098	1,348,501	1,349,173	1,350,110	1,351,309	1,352,764	1,354,473	1,356,433
Block 2	334,003	334,003	334,003	334,003	334,003	334,003	334,003	334,003	334,003	334,003	334,003
<b>Total Volume - Residential</b>	<b>1,685,575</b>	<b>1,680,150</b>	<b>1,681,971</b>	<b>1,682,101</b>	<b>1,682,505</b>	<b>1,683,177</b>	<b>1,684,114</b>	<b>1,685,312</b>	<b>1,686,768</b>	<b>1,688,477</b>	<b>1,690,436</b>
<b>Increasing Block Rates (\$/m<sup>3</sup>) -</b>											
Block 1	1.90	2.00	2.09	2.18	2.24	2.31	2.38	2.45	2.53	2.60	2.68
Block 2	2.57	2.69	2.83	2.94	3.03	3.12	3.21	3.31	3.41	3.51	3.62
<b>Increasing Block Structure - Non-Residential</b>											
<i>Volume Forecast By Block (m3)</i>											
Block 1	519,132	519,132	519,132	519,132	519,132	519,132	519,132	519,132	519,132	519,132	519,132
Block 2	230,825	230,825	230,825	230,825	230,825	230,825	230,825	230,825	230,825	230,825	230,825
<b>Total Volume - Non-Residential</b>	<b>749,957</b>										
<b>Increasing Block Rates (\$/m<sup>3</sup>) - Non-Residential</b>											
Block 1	1.99	2.09	2.19	2.28	2.35	2.42	2.49	2.57	2.65	2.72	2.81
Block 2	2.69	2.82	2.96	3.08	3.17	3.27	3.37	3.47	3.57	3.68	3.79
<b>Flat Rate (Unmetered)</b>											
Annual Charge	\$612.58	725.85	779.41	832.42	884.79	942.84	1,007.36	1,079.25	1,159.55	1,249.44	1,350.30



Table A-22  
Town of Orangeville  
Wastewater Rate Forecast Summary

Meter Size	Monthly Block 1 Volume (m3)	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
<b>Metered Customers</b>												
<b>Base Charge by Meter Size</b>												
5/8" to 3/4"	<= 20	\$12.51	\$14.39	\$16.54	\$19.03	\$21.88	\$25.16	\$28.94	\$33.28	\$38.27	\$44.01	\$50.61
1"	<= 100	\$16.69	\$19.19	\$22.07	\$25.38	\$29.19	\$33.57	\$38.60	\$44.40	\$51.06	\$58.71	\$67.52
1 1/2"	<= 500	\$25.03	\$28.78	\$33.10	\$38.07	\$43.78	\$50.34	\$57.90	\$66.58	\$76.57	\$88.05	\$101.26
2"	<= 1,000	\$37.54	\$43.17	\$49.65	\$57.09	\$65.66	\$75.51	\$86.83	\$99.86	\$114.84	\$132.06	\$151.87
3"	<= 3,000	\$43.80	\$50.37	\$57.93	\$66.61	\$76.61	\$88.10	\$101.31	\$116.51	\$133.99	\$154.08	\$177.20
4" and Larger	<= 6,000	\$62.57	\$71.96	\$82.75	\$95.16	\$109.44	\$125.85	\$144.73	\$166.44	\$191.40	\$220.11	\$253.13
<b>Volumetric Rate (per m<sup>3</sup>)</b>												
<b>Residential</b>												
Block 1		\$1.90	\$2.00	\$2.09	\$2.18	\$2.24	\$2.31	\$2.38	\$2.45	\$2.53	\$2.60	\$2.68
Block 2		\$2.57	\$2.69	\$2.83	\$2.94	\$3.03	\$3.12	\$3.21	\$3.31	\$3.41	\$3.51	\$3.62
<b>Non-Residential</b>												
Block 1		\$1.99	\$2.09	\$2.19	\$2.28	\$2.35	\$2.42	\$2.49	\$2.57	\$2.65	\$2.72	\$2.81
Block 2		\$2.69	\$2.82	\$2.96	\$3.08	\$3.17	\$3.27	\$3.37	\$3.47	\$3.57	\$3.68	\$3.79
<b>Unmetered Customers</b>												
Compliant		\$612.58	\$725.85	\$779.41	\$832.42	\$884.79	\$942.84	\$1,007.36	\$1,079.25	\$1,159.55	\$1,249.44	\$1,350.30
Non-Compliant		\$1,837.74	\$2,177.55	\$2,338.22	\$2,497.27	\$2,654.38	\$2,828.53	\$3,022.09	\$3,237.76	\$3,478.65	\$3,748.32	\$4,050.89



# Appendix B

## Wastewater Financial Plan



Figure B-1  
Conversion Adjustments  
Statement of Operations (Wastewater)

Modified Cash Basis	Budget 2025	Adjustments		Full Accrual Budget 2025	Accrual Basis
		DR	CR		
<b>Revenues</b>					<b>Revenues</b>
Base Charge Revenue	1,781,718			1,781,718	Base Charge Revenue
Rate Based Revenue	5,320,960			5,320,960	Rate Based Revenue
Transfers from Reserves	1,078,744	1,078,744			
			1,251,046	1,251,046	Earned Development Charges and Canada Community-Building Fund Revenue
Other Revenue	-		24,681	24,681	Other Revenue
<b>Total Revenues</b>	<b>8,181,422</b>			<b>8,378,405</b>	<b>Total Revenues</b>
<b>Expenditures</b>					<b>Expenses</b>
Operating	5,668,981	194,000		5,862,981	Operating Expenses
Capital					
Transfers to Reserves	1,216,679		1,216,679		
Transfers to Capital	-		-		
Debt Repayment (Principal & Interest)	1,295,763		793,916	501,847	Interest on Debt
		861,527		861,527	Amortization
<b>Total Expenditures</b>	<b>8,181,422</b>			<b>7,226,355</b>	<b>Total Expenses</b>
<b>Net Expenditures</b>	<b>-</b>			<b>1,152,050</b>	<b>Annual Surplus/(Deficit)</b>
Increase (decrease) in amounts to be recovered	-			20,596,280	Accumulated Surplus/(Deficit), beginning of year
<b>Change in Fund Balances</b>	<b>-</b>	<b>1,152,050</b>	<b>-</b>	<b>21,748,330</b>	<b>Accumulated Surplus/(Deficit), end of year</b>
<b>TOTAL ADJUSTMENTS</b>		<b>3,286,321</b>	<b>3,286,321</b>		

**Note:** The combined adjustments above should be balanced and net to \$0 (i.e. Total DR = Total CR)



Figure B-2  
Conversion Adjustments  
Statements of Financial Position (Wastewater)

Modified Cash Basis	Budget 2025	Adjustments		Full Accrual Budget 2025	Accrual Basis
		DR	CR		
<b>ASSETS</b>					<b>ASSETS</b>
<b>Financial Assets</b>					<b>Financial Assets</b>
Cash	2,374,711			2,374,711	Cash
Accounts Receivable	724,357			724,357	Accounts Receivable
<b>Total Financial Assets</b>	<b>3,099,068</b>			<b>3,099,068</b>	<b>Total Financial Assets</b>
<b>Non-Financial Assets</b>					
Inventory of Supplies	-		-		
Prepaid Expenses	-		-		
<b>Total Non-Financial Assets</b>	<b>-</b>				
<b>LIABILITIES</b>					<b>Liabilities</b>
Accounts Payable & Accrued Liabilities	670,229			670,229	Accounts Payable & Accrued Liabilities
Gross Long-term Liabilities	13,518,803			13,518,803	Debt (Principal only)
Deferred Revenue	1,170,194			1,170,194	Deferred Revenue
<b>Total Liabilities</b>	<b>15,359,226</b>			<b>15,359,226</b>	<b>Total Liabilities</b>
<b>Net Assets/(Debt)</b>	<b>(12,260,158)</b>			<b>(12,260,158)</b>	<b>Net Financial Assets/(Debt)</b>
		34,202,488	194,000	34,008,488	<b>Non-Financial Assets</b>
					Tangible Capital Assets
				<b>34,008,488</b>	<b>Total Non-Financial Assets</b>
<b>Municipal Position</b>					
Wastewater Reserves	1,258,645	1,258,645	-		
Canada Community-Building Fund Reserve Fund	-	-	-		
Development Charge Reserve Fund	1,170,194	1,170,194	-		
Amounts to be Recovered	(14,688,997)	-	14,688,997		
<b>Total Municipal Position</b>	<b>(12,260,158)</b>		21,748,330	<b>21,748,330</b>	<b>Accumulated Surplus/(Deficit), end of year</b>
<b>TOTAL ADJUSTMENTS</b>		<b>36,631,327</b>	<b>36,631,327</b>		

**Note:** The combined adjustments above should be balanced and net to \$0 (i.e. Total DR = Total CR)



Table B-1  
Statement of Financial Position: Wastewater Services  
UNAUDITED: For Financial Planning Purposes Only  
2025-2034

	Notes	Forecast									
		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
<b>Financial Assets</b>											
Cash	1	2,374,711	1,403,012	1,144,382	682,452	171,497	104,910	428,149	2,089,081	5,286,091	9,653,151
Accounts Receivable	1	724,357	771,651	818,681	935,203	919,336	1,005,953	1,092,334	1,130,044	1,221,025	1,323,250
<b>Total Financial Assets</b>		<b>3,099,068</b>	<b>2,174,663</b>	<b>1,963,063</b>	<b>1,617,655</b>	<b>1,090,833</b>	<b>1,110,863</b>	<b>1,520,483</b>	<b>3,219,125</b>	<b>6,507,116</b>	<b>10,976,401</b>
<b>Liabilities</b>											
Bank Indebtedness		-	-	-	-	-	-	-	-	-	-
Accounts Payable & Accrued Liabilities	1	670,229	692,288	712,868	735,456	786,059	815,705	849,306	885,187	923,554	964,629
Debt (Principal only)	2	13,518,803	16,428,507	20,279,468	19,270,731	19,400,176	20,629,481	19,868,718	19,276,593	18,545,213	17,676,219
Deferred Revenue	3	1,170,194	1,073,839	825,915	860,978	276,299	224,175	87,863	166,592	142,405	8,211
<b>Total Liabilities</b>		<b>15,359,226</b>	<b>18,194,634</b>	<b>21,818,251</b>	<b>20,867,165</b>	<b>20,462,534</b>	<b>21,669,361</b>	<b>20,805,887</b>	<b>20,328,372</b>	<b>19,611,172</b>	<b>18,649,059</b>
<b>Net Financial Assets/(Debt)</b>		<b>(12,260,158)</b>	<b>(16,019,971)</b>	<b>(19,855,188)</b>	<b>(19,249,510)</b>	<b>(19,371,701)</b>	<b>(20,558,498)</b>	<b>(19,285,404)</b>	<b>(17,109,247)</b>	<b>(13,104,056)</b>	<b>(7,672,658)</b>
<b>Non-Financial Assets</b>											
Tangible Capital Assets	4	34,008,488	39,623,127	49,930,982	51,623,605	54,033,584	58,197,321	59,803,075	60,661,791	60,634,306	60,162,657
<b>Total Non-Financial Assets</b>		<b>34,008,488</b>	<b>39,623,127</b>	<b>49,930,982</b>	<b>51,623,605</b>	<b>54,033,584</b>	<b>58,197,321</b>	<b>59,803,075</b>	<b>60,661,791</b>	<b>60,634,306</b>	<b>60,162,657</b>
<b>Accumulated Surplus/(Deficit)</b>	5	<b>21,748,330</b>	<b>23,603,156</b>	<b>30,075,794</b>	<b>32,374,095</b>	<b>34,661,883</b>	<b>37,638,823</b>	<b>40,517,671</b>	<b>43,552,544</b>	<b>47,530,250</b>	<b>52,489,999</b>

  

Financial Indicators	Total Change	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
1) Increase/(Decrease) in Net Financial Assets	(31,923)	(4,619,423)	(3,759,813)	(3,835,217)	605,678	(122,191)	(1,186,797)	1,273,094	2,176,157	4,005,191	5,431,398
2) Increase/(Decrease) in Tangible Capital Assets	31,925,642	5,771,473	5,614,639	10,307,855	1,692,623	2,409,979	4,163,737	1,605,754	858,716	(27,485)	(471,649)
3) Increase/(Decrease) in Accumulated Surplus	31,893,719	1,152,050	1,854,826	6,472,638	2,298,301	2,287,788	2,976,940	2,878,848	3,034,873	3,977,706	4,959,749



**Table B-2**  
**Statement of Operations: Wastewater Services**  
**UNAUDITED: For Financial Planning Purposes Only**  
**2025-2034**

	Notes	Forecast									
		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
<b>Wastewater Revenue</b>											
Base Charge Revenue		1,781,718	2,068,820	2,398,880	2,781,411	3,224,725	3,738,453	4,333,742	5,023,503	5,822,683	6,748,588
Rate Based Revenue		5,320,960	5,590,823	5,814,740	5,990,088	6,171,344	6,358,715	6,552,414	6,752,663	6,959,689	7,173,728
Earned Development Charges and Canada Community-Building Fund Revenue	3	1,251,046	1,744,771	1,375,088	1,906,094	1,768,682	2,095,991	1,860,336	1,212,381	1,353,469	1,500,633
Other Revenue	6	24,681	8,011	4,723,820	415	557	1,393	11,437	42,498	106,689	196,148
<b>Total Revenues</b>		<b>8,378,405</b>	<b>9,412,425</b>	<b>14,312,528</b>	<b>10,678,008</b>	<b>11,165,308</b>	<b>12,194,552</b>	<b>12,757,929</b>	<b>13,031,045</b>	<b>14,242,530</b>	<b>15,619,097</b>
<b>Wastewater Expenses</b>											
Operating Expenses	Sch. B-1	5,862,981	6,087,562	6,043,630	6,245,685	6,728,701	6,984,459	7,506,659	7,593,158	7,837,675	8,252,098
Interest on Debt	2	501,847	473,676	602,115	769,645	730,798	740,890	797,176	770,730	749,664	723,601
Amortization	4	861,527	996,361	1,194,145	1,364,377	1,418,021	1,492,263	1,575,246	1,632,284	1,677,485	1,683,649
<b>Total Expenses</b>		<b>7,226,355</b>	<b>7,557,599</b>	<b>7,839,890</b>	<b>8,379,707</b>	<b>8,877,520</b>	<b>9,217,612</b>	<b>9,879,081</b>	<b>9,996,172</b>	<b>10,264,824</b>	<b>10,659,348</b>
<b>Annual Surplus/(Deficit)</b>		<b>1,152,050</b>	<b>1,854,826</b>	<b>6,472,638</b>	<b>2,298,301</b>	<b>2,287,788</b>	<b>2,976,940</b>	<b>2,878,848</b>	<b>3,034,873</b>	<b>3,977,706</b>	<b>4,959,749</b>
Accumulated Surplus/(Deficit), beginning of year	5	20,596,280	21,748,330	23,603,156	30,075,794	32,374,095	34,661,883	37,638,823	40,517,671	43,552,544	47,530,250
Accumulated Surplus/(Deficit), end of year		21,748,330	23,603,156	30,075,794	32,374,095	34,661,883	37,638,823	40,517,671	43,552,544	47,530,250	52,489,999
<b>Note 5:</b>											
<b>Accumulated Surplus/(Deficit) Reconciliation:</b>											
		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
<b>Reserve Balances</b>											
Reserves: Development Charges		1,170,194	1,073,839	825,915	860,978	276,299	224,175	87,863	166,592	142,405	8,211
Reserves: Canada Community-Building Fund		-	-	-	-	-	-	-	-	-	-
Reserves: Capital/Other		1,258,645	408,536	424,280	21,221	28,475	70,983	583,314	2,167,346	5,441,157	10,003,561
<b>Total Reserves Balance</b>		<b>2,428,839</b>	<b>1,482,375</b>	<b>1,250,195</b>	<b>882,199</b>	<b>304,774</b>	<b>295,158</b>	<b>671,177</b>	<b>2,333,938</b>	<b>5,583,562</b>	<b>10,011,772</b>
Less: Debt Obligations and Deferred Revenue		(14,688,997)	(17,502,346)	(21,105,383)	(20,131,709)	(19,676,475)	(20,853,656)	(19,956,581)	(19,443,185)	(18,687,618)	(17,684,430)
Add: Tangible Capital Assets	4	34,008,488	39,623,127	49,930,982	51,623,605	54,033,584	58,197,321	59,803,075	60,661,791	60,634,306	60,162,657
<b>Total Ending Balance</b>		<b>21,748,330</b>	<b>23,603,156</b>	<b>30,075,794</b>	<b>32,374,095</b>	<b>34,661,883</b>	<b>37,638,823</b>	<b>40,517,671</b>	<b>43,552,544</b>	<b>47,530,250</b>	<b>52,489,999</b>
<b>Financial Indicators</b>											
	Total Change	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
1) Expense to Revenue Ratio		86%	80%	55%	78%	80%	76%	77%	77%	72%	68%
2) Increase/(Decrease) in Accumulated Surplus	31,893,719	1,152,050	1,854,826	6,472,638	2,298,301	2,287,788	2,976,940	2,878,848	3,034,873	3,977,706	4,959,749



Schedule B-1  
Statement of Operating Expenses: Wastewater Services  
UNAUDITED: For Financial Planning Purposes Only  
2025-2034

	Notes	Forecast									
		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
<b>Operating Expenses</b>											
Salaries - FT		947,411	971,096	995,373	1,020,257	1,045,765	1,071,909	1,098,707	1,126,174	1,154,329	1,183,187
Salaries - PT		3,107	3,185	3,264	3,345	3,429	3,515	3,603	3,693	3,785	3,880
Standby Pay		16,037	16,037	16,037	16,037	16,037	16,438	16,849	17,270	17,702	18,144
OT - Salaries FT		44,204	44,204	44,204	44,204	44,204	45,309	46,442	47,603	48,793	50,013
Distributed Labour		4,318	4,318	4,318	4,318	4,318	4,426	4,536	4,650	4,766	4,885
Emp Benefits - FT		329,738	355,396	376,919	400,739	425,842	436,488	447,400	458,585	470,050	481,801
Emp Benefits - PT		390	403	417	432	448	459	471	483	495	507
Memberships/Subscriptions		800	800	800	800	800	816	832	849	866	883
Professional Assoc Fees		1,250	1,500	1,500	1,500	1,500	1,530	1,561	1,592	1,624	1,656
Workshops/Training Courses		27,130	27,500	28,100	28,700	29,300	29,886	30,484	31,093	31,715	32,350
Conferences		11,625	11,750	11,750	11,750	11,750	11,985	12,225	12,469	12,719	12,973
Mileage		900	900	900	900	900	918	936	955	974	994
Advertising & Promotion		200	200	200	200	200	204	208	212	216	221
Water and Sewer Reading / Billing		219,000	219,000	219,000	219,000	219,000	223,380	227,848	232,405	237,053	241,794
Prof Fees - Engineering		185,600	185,600	190,600	190,600	196,000	199,920	203,918	207,997	212,157	216,400
Prof Fees - Consulting		8,600	8,800	10,000	10,000	10,000	10,200	10,404	10,612	10,824	11,041
Prof Fees - Legal		7,500	7,500	10,000	10,000	10,000	10,200	10,404	10,612	10,824	11,041
Insurance		200,899	220,990	243,088	267,398	294,137	323,551	355,906	391,496	430,646	473,711
Video Production		1,500	1,500	1,500	1,500	1,500	1,530	1,561	1,592	1,624	1,656
Computer Operation & Supplies		27,569	27,972	28,390	28,826	29,279	29,865	30,462	31,071	31,693	32,326
After Hours Dispatch		7,150	7,150	7,150	7,150	7,150	7,293	7,439	7,588	7,739	7,894
Inter-Departmental		380,064	380,064	380,064	380,064	380,064	387,665	395,419	403,327	411,393	419,621
Inter-Departmental - IT		127,212	129,742	132,536	134,087	135,669	138,382	141,150	143,973	146,852	149,790
CVC Contribution		125,693	130,092	134,645	139,358	144,236	149,284	154,509	159,917	165,514	171,307
CVC Contribution - Special		68,007	70,387	72,851	75,401	78,040	80,771	83,598	86,524	89,552	92,687
Uniforms		5,550	6,800	6,800	6,800	6,800	6,936	7,075	7,216	7,361	7,508
Outside Srv		395,000	402,000	404,500	411,500	429,000	437,580	446,332	455,258	464,363	473,651
Outside Laboratory Srv		29,000	29,500	29,500	29,500	29,500	30,090	30,692	31,306	31,932	32,570
Telephone/Communications		7,920	7,920	7,920	7,920	7,920	8,712	9,583	10,542	11,596	12,755
Hydro		517,310	569,041	625,945	688,540	757,394	833,133	916,447	1,008,091	1,108,901	1,219,791
Mtc Equip		75,000	77,000	79,000	81,000	81,000	82,620	84,272	85,958	87,677	89,431
Materials & Supplies		42,000	43,000	43,500	43,500	44,000	44,880	45,778	46,693	47,627	48,580
Software Agreemts		113,180	120,680	125,680	125,680	125,680	128,194	130,757	133,373	136,040	138,761
Server Mtc		5,000	5,000	5,000	5,000	5,000	5,100	5,202	5,306	5,412	5,520
SCADA Mtc		53,214	55,342	57,553	59,854	60,964	62,183	63,427	64,695	65,989	67,309
Srv Agreem/Equip Repair		2,200	2,200	2,200	2,200	2,200	2,244	2,289	2,335	2,381	2,429
Small Equip		47,000	48,000	49,000	50,000	51,000	52,020	53,060	54,122	55,204	56,308



Schedule B-1 (continued)  
 Statement of Operating Expenses: Wastewater Services  
 UNAUDITED: For Financial Planning Purposes Only  
 2025-2034

	Notes	Forecast									
		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
<b>Operating Expenses</b>											
Marsh Monitoring Survey		70,000	71,400	72,828	74,285	75,770	77,286	78,831	80,408	82,016	83,656
Biosolids Disposal		792,900	808,758	824,933	841,432	858,260	875,426	892,934	910,793	929,009	947,589
Chemicals		323,500	327,000	330,000	333,000	336,000	369,600	406,560	447,216	491,938	541,131
Natural Gas		84,377	88,596	93,026	97,677	102,561	112,817	124,099	136,509	150,160	165,176
Mtc Facilities		6,000	6,000	6,000	6,000	6,000	6,120	6,242	6,367	6,495	6,624
Janitorial Srv		16,500	16,500	17,000	17,000	17,000	17,340	17,687	18,041	18,401	18,769
Payment in-lieu of Tax		35,993	35,993	35,993	35,993	35,993	36,713	37,447	38,196	38,960	39,739
Fuel		5,093	5,246	5,404	5,566	5,733	6,306	6,937	7,631	8,394	9,233
Vehicle Licenses		1,081	1,103	1,125	1,148	1,171	1,194	1,218	1,243	1,268	1,293
Leased Vehicle Exp		30,390	30,998	15,025	15,325	15,712	-	-	-	-	-
Vehicle Mtc Costs/Parts		8,429	8,547	8,668	9,042	9,242	9,427	9,615	9,808	10,004	10,204
Other Staffing Costs		256,441	262,852	269,423	276,159	495,233	507,614	520,304	533,312	546,645	560,311
Non TCA - Expenses from Capital Budget	7	194,000	232,000	14,000	25,000	80,000	85,000	323,000	106,000	26,000	93,000
<b>TOTAL OPERATING EXPENSES</b>		<b>5,862,981</b>	<b>6,087,562</b>	<b>6,043,630</b>	<b>6,245,685</b>	<b>6,728,701</b>	<b>6,984,459</b>	<b>7,506,659</b>	<b>7,593,158</b>	<b>7,837,675</b>	<b>8,252,098</b>



Table B-3  
Statement of Changes in Net Financial Assets/Debt: Wastewater Services  
UNAUDITED: For Financial Planning Purposes Only  
2025-2034

	Notes	Forecast									
		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Annual Surplus/(Deficit)		1,152,050	1,854,826	6,472,638	2,298,301	2,287,788	2,976,940	2,878,848	3,034,873	3,977,706	4,959,749
Less: Acquisition of Tangible Capital Assets	4	(6,633,000)	(6,611,000)	(11,502,000)	(3,057,000)	(3,828,000)	(5,656,000)	(3,181,000)	(2,491,000)	(1,650,000)	(1,212,000)
Add: Amortization of Tangible Capital Assets	4	861,527	996,361	1,194,145	1,364,377	1,418,021	1,492,263	1,575,246	1,632,284	1,677,485	1,683,649
<b>Sub-Total</b>		<b>(5,771,473)</b>	<b>(5,614,639)</b>	<b>(10,307,855)</b>	<b>(1,692,623)</b>	<b>(2,409,979)</b>	<b>(4,163,737)</b>	<b>(1,605,754)</b>	<b>(858,716)</b>	<b>27,485</b>	<b>471,649</b>
Less: Acquisition of Prepaid Expenses		-	-	-	-	-	-	-	-	-	-
Add: Use of Prepaid Expenses		-	-	-	-	-	-	-	-	-	-
<b>Sub-Total</b>		<b>-</b>	<b>-</b>								
<b>Increase/(Decrease) in Net Financial Assets/(Net Debt)</b>		<b>(4,619,423)</b>	<b>(3,759,813)</b>	<b>(3,835,217)</b>	<b>605,678</b>	<b>(122,191)</b>	<b>(1,186,797)</b>	<b>1,273,094</b>	<b>2,176,157</b>	<b>4,005,191</b>	<b>5,431,398</b>
Net Financial Assets/(Net Debt), beginning of year		(7,640,735)	(12,260,158)	(16,019,971)	(19,855,188)	(19,249,510)	(19,371,701)	(20,558,498)	(19,285,404)	(17,109,247)	(13,104,056)
<b>Net Financial Assets/(Net Debt), end of year</b>		<b>(12,260,158)</b>	<b>(16,019,971)</b>	<b>(19,855,188)</b>	<b>(19,249,510)</b>	<b>(19,371,701)</b>	<b>(20,558,498)</b>	<b>(19,285,404)</b>	<b>(17,109,247)</b>	<b>(13,104,056)</b>	<b>(7,672,658)</b>
<b>Financial Indicators</b>											
1) Acquisition of Tangible Capital Assets (Cumulative)		6,633,000	13,244,000	24,746,000	27,803,000	31,631,000	37,287,000	40,468,000	42,959,000	44,609,000	45,821,000
2) Annual Surplus/Deficit before Amortization (Cumulative)		2,013,577	4,864,764	12,531,547	16,194,225	19,900,034	24,369,237	28,823,331	33,490,488	39,145,679	45,789,077
3) Ratio of Annual Surplus before Amortization to Acquisition of TCAs (Cumulative)		0.30	0.37	0.51	0.58	0.63	0.65	0.71	0.78	0.88	1.00



Table B-4  
Statement of Cash Flow – Indirect Method: Wastewater Services  
UNAUDITED: For Financial Planning Purposes Only  
2025-2034

	Notes	Forecast									
		2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
<b>Operating Transactions</b>											
Annual Surplus/Deficit		1,152,050	1,854,826	6,472,638	2,298,301	2,287,788	2,976,940	2,878,848	3,034,873	3,977,706	4,959,749
Add: Amortization of TCAs	4	861,527	996,361	1,194,145	1,364,377	1,418,021	1,492,263	1,575,246	1,632,284	1,677,485	1,683,649
Less: Earned Deferred Revenue	3	(1,251,046)	(1,744,771)	(1,375,088)	(1,906,094)	(1,768,682)	(2,095,991)	(1,860,336)	(1,212,381)	(1,353,469)	(1,500,633)
Add: Deferred Revenue Proceeds		1,070,160	1,648,416	1,127,164	1,941,157	1,184,003	2,043,867	1,724,024	1,291,110	1,329,282	1,366,439
Change in A/R (Increase)/Decrease		(21,361)	(47,294)	(47,030)	(116,522)	15,867	(86,617)	(86,381)	(37,711)	(90,982)	(102,225)
Change in A/P Increase/(Decrease)		58,221	22,059	20,580	22,588	50,603	29,646	33,601	35,881	38,367	41,075
Less: Interest Proceeds		(24,679)	(8,011)	(8,319)	(416)	(558)	(1,392)	(11,438)	(42,497)	(106,689)	(196,148)
<b>Cash Provided by Operating Transactions</b>		<b>1,844,872</b>	<b>2,721,586</b>	<b>7,384,090</b>	<b>3,603,391</b>	<b>3,187,042</b>	<b>4,358,716</b>	<b>4,253,565</b>	<b>4,701,559</b>	<b>5,471,700</b>	<b>6,251,906</b>
<b>Capital Transactions</b>											
Proceeds on sale of Tangible Capital Assets		-	-	-	-	-	-	-	-	-	-
Less: Cash Used to acquire Tangible Capital Assets	4	(6,633,000)	(6,611,000)	(11,502,000)	(3,057,000)	(3,828,000)	(5,656,000)	(3,181,000)	(2,491,000)	(1,650,000)	(1,212,000)
<b>Cash Applied to Capital Transactions</b>		<b>(6,633,000)</b>	<b>(6,611,000)</b>	<b>(11,502,000)</b>	<b>(3,057,000)</b>	<b>(3,828,000)</b>	<b>(5,656,000)</b>	<b>(3,181,000)</b>	<b>(2,491,000)</b>	<b>(1,650,000)</b>	<b>(1,212,000)</b>
<b>Investing Transactions</b>											
Proceeds from Investments		24,679	8,011	8,319	416	558	1,392	11,438	42,497	106,689	196,148
<b>Cash Provided by (applied to) Investing Transactions</b>		<b>24,679</b>	<b>8,011</b>	<b>8,319</b>	<b>416</b>	<b>558</b>	<b>1,392</b>	<b>11,438</b>	<b>42,497</b>	<b>106,689</b>	<b>196,148</b>
<b>Financing Transactions</b>											
Proceeds from Debt Issue	2	-	3,700,000	4,700,000	-	1,150,000	2,300,000	400,000	600,000	500,000	400,000
Less: Debt Repayment (Principal only)	2	(793,916)	(790,296)	(849,039)	(1,008,737)	(1,020,555)	(1,070,695)	(1,160,764)	(1,192,124)	(1,231,379)	(1,268,994)
<b>Cash Applied to Financing Transactions</b>		<b>(793,916)</b>	<b>2,909,704</b>	<b>3,850,961</b>	<b>(1,008,737)</b>	<b>129,445</b>	<b>1,229,305</b>	<b>(760,764)</b>	<b>(592,124)</b>	<b>(731,379)</b>	<b>(868,994)</b>
Increase in Cash and Cash Equivalents		(5,557,365)	(971,699)	(258,630)	(461,930)	(510,955)	(66,587)	323,239	1,660,932	3,197,010	4,367,060
Cash and Cash Equivalents, beginning of year	1	7,932,076	2,374,711	1,403,012	1,144,382	682,452	171,497	104,910	428,149	2,089,081	5,286,091
<b>Cash and Cash Equivalents, end of year</b>	<b>1</b>	<b>2,374,711</b>	<b>1,403,012</b>	<b>1,144,382</b>	<b>682,452</b>	<b>171,497</b>	<b>104,910</b>	<b>428,149</b>	<b>2,089,081</b>	<b>5,286,091</b>	<b>9,653,151</b>



## Wastewater

### Notes to Financial Plan

The financial plan format as outlined in Chapter 4 closely approximates the full accrual format used by municipalities (2009 onward) on their audited financial statements. However, the financial plan is not an audited document and contains various estimates. In this regard, Section 3 (2) of O. Reg. 453/07 states the following:

“Each of the following sub-subparagraphs applies only if the information referred to in the sub-subparagraph is known to the owner at the time the financial plans are prepared:

1. Sub-subparagraphs 4 i A, B and C of subsection (1)
2. Sub-subparagraphs 4 iii A, C, E and F of subsection (1).”

The information referred to in sub-subparagraphs 4 if A, B and C of subsection (1) includes:

- A. Total financial assets (i.e., cash and receivables);
- B. Total liabilities (i.e., payables, debt, and deferred revenue);
- C. Net debt (i.e., the difference between A and B above).

The information referred to in sub-subparagraphs 4 iii A, C, E and F of subsection (1) includes:

- A. Operating transactions are cash received from revenues, cash paid for operating expenses and finance charges.
- B. Investing transactions that are acquisitions and disposal of investments.
- C. Changes in cash and cash equivalents during the year.
- D. Cash and cash equivalents at the beginning and end of the year.

In order to show a balanced financial plan in a full accrual format for the Town, some of the items listed above have been estimated given that the Town does not maintain all financial asset and liability data separately for wastewater. Usually, this type of data is combined with the financial assets and liabilities of other departments and services given that there is not a current obligation to disclose this data separately (as there is with revenue and expenses).



The assumptions used have been documented below:

## 1. Cash, Receivables and Payables

It is assumed that the opening cash balances required to complete the financial plan are equal to:

Ending Reserve/Reserve Fund Balance  
*Plus:* Ending Accounts Payable Balance  
*Less:* Ending Accounts Receivable Balance  
*Equals: Approximate Ending Cash Balance*

For the Town, receivable and payable balances were estimated for each year of the forecast based on the following factors:

- a) Receivables: Based on historical levels of water and wastewater receivables (provided by Town staff) as a percentage of annual water and wastewater revenue earned (as per the 2021 to 2023 Financial Information Returns (F.I.R.s)); and
- b) Payables: Based on historical levels of Town-wide payables as a percentage of annual expenses incurred by the Town (as per the 2021 to 2023 F.I.R.s).

## 2. Debt

Outstanding wastewater related debt at the beginning of 2025 is approximately \$14.31 million with additional debt proceeds anticipated throughout the forecast period.



Principal repayments over the forecast period are scheduled as follows:

Year	Principal Payments
2025	793,916
2026	790,296
2027	849,039
2028	1,008,737
2029	1,020,555
2030	1,070,695
2031	1,160,764
2032	1,192,124
2033	1,231,379
2034	1,268,994
<b>Total</b>	<b>10,386,499</b>

For financial reporting purposes, debt principal payments represent a decrease in debt liability and the interest payments represent a current year operating expense.

### 3. Deferred Revenue

Deferred revenue is typically made up of wastewater development charge (D.C.), Canada Community-Building Fund (C.C.B.F.) reserve fund balances which are considered to be a liability for financial reporting purposes until the funds are used to emplace the works for which they have been collected.

The Town collects wastewater D.C.s and uses some funding from the C.C.B.F. for wastewater services. The C.C.B.F. amount budgeted for wastewater expenditures is assumed to be used in the year it is received resulting in a zero balance in the C.C.B.F. reserve fund related to wastewater services over the forecast period.

### 4. Tangible Capital Assets

- Opening net book value of tangible capital assets includes wastewater related assets in the following categories:
  - i. Facility Assets, including Land;
  - ii. Collection (sanitary sewers and services) Assets; and
  - iii. Machinery and Equipment Assets, including Vehicles.



- Amortization is calculated based on the straight-line approach with half year amortization in the year of acquisition or construction and in the last year of the asset's useful life.
- Write-offs are assumed to equal \$0 for each year in the forecast period.
- Tangible capital assets are shown on a net basis. It is assumed that disposals occur when the asset is being replaced. To calculate the value of each asset disposal, the replacement value (of each new asset that has been identified as a "replacement") has been deflated (by weighted average useful life for all assets on hand in the respective asset category) to an estimated historical cost. This figure was used to calculate disposals only. Future assets are disposed of when fully amortized.
- Gains/losses on disposal are assumed to be \$0 (it is assumed that historical cost is equal to accumulated amortization for all disposals).
- Residual value is assumed to be \$0 for all assets contained within the forecast period.
- Contributed Assets, as described in Section 3.2.1, are deemed to be insignificant/ unknown during the forecast period and are therefore assumed to be \$0.



The balance of tangible capital assets is summarized as follows:

Asset Historical Cost	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034
Opening Tangible Capital Asset Balance	46,922,527	52,600,386	58,393,752	67,265,833	69,745,536	72,958,024	77,707,479	80,521,873	82,657,575	84,214,699
Acquisitions	6,633,000	6,611,000	11,502,000	3,057,000	3,828,000	5,656,000	3,181,000	2,491,000	1,650,000	1,212,000
Disposals	955,141	817,634	2,629,919	577,297	615,512	906,545	366,606	355,298	92,876	76,067
<b>Closing Tangible Capital Asset Balance</b>	<b>52,600,386</b>	<b>58,393,752</b>	<b>67,265,833</b>	<b>69,745,536</b>	<b>72,958,024</b>	<b>77,707,479</b>	<b>80,521,873</b>	<b>82,657,575</b>	<b>84,214,699</b>	<b>85,350,632</b>
Opening Accumulated Amortization	18,685,512	18,591,898	18,770,625	17,334,851	18,121,931	18,924,440	19,510,158	20,718,798	21,995,784	23,580,393
Amortization Expense	861,527	996,361	1,194,145	1,364,377	1,418,021	1,492,263	1,575,246	1,632,284	1,677,485	1,683,649
Amortization on Disposal	955,141	817,634	2,629,919	577,297	615,512	906,545	366,606	355,298	92,876	76,067
<b>Ending Accumulated Amortization</b>	<b>18,591,898</b>	<b>18,770,625</b>	<b>17,334,851</b>	<b>18,121,931</b>	<b>18,924,440</b>	<b>19,510,158</b>	<b>20,718,798</b>	<b>21,995,784</b>	<b>23,580,393</b>	<b>25,187,975</b>
<b>Net Book Value</b>	<b>34,008,488</b>	<b>39,623,127</b>	<b>49,930,982</b>	<b>51,623,605</b>	<b>54,033,584</b>	<b>58,197,321</b>	<b>59,803,075</b>	<b>60,661,791</b>	<b>60,634,306</b>	<b>60,162,657</b>



## 5. Accumulated Surplus

Opening accumulated surplus for the forecast period is reconciled as follows:

Wastewater	2025 Opening Accumulated Surplus
<b>Reserve Balances</b>	
Reserves: Development Charges	1,351,080
Reserves: Canada Community-Building Fund	-
Reserves: Capital/Other	6,671,984
<b>Total Reserves Balance</b>	<b>8,023,064</b>
Less: Debt Obligations and Deferred Revenue	(15,663,799)
Add: Tangible Capital Assets	28,237,015
<b>Total Opening Balance</b>	<b>20,596,280</b>

The accumulated surplus reconciliation for all years within the forecast period is contained in Table B-2.

## 6. Other Revenue

Other revenue consists of miscellaneous revenues such as interest earnings and grants.

## 7. Operating Expenses

Capital expenditures for items not meeting the definition of tangible capital assets have been reclassified as operating expenses and have been expensed in the year in which they occur.