M12543

NOVA SCOTIA REGULATORY AND APPEALS BOARD

IN THE MATTER OF: **THE PUBLIC UTILITIES ACT**

- and -

IN THE MATTER OF: **A Request** by the **Municipality of the District of East Hants,** on behalf of its water utility, for approval of amendments to its Schedule of Rates and Charges for Water and Water Services and amendments to its Schedule of Rules and Regulations

To: **Board Staff**
Nova Scotia Utility and Review Board

From: **Mr. Wade Tattrie**
Director of Finance
Municipality of East Hants
Elmsdale NS B2S 3K5
By email: wtattrie@easthants.ca

Responses Due: **Friday, December 19, 2025**

RESPONSE TO INFORMATION REQUESTS

Request IR-1:
Please briefly describe the Utility's system (i.e. Source of supply, treatment, storage, transmission and distribution, areas served). Include in the response a description of any changes to the Utility's system since the last rate application in 2016, as well as a description of any new areas served by the Utility.

Response:
Regional Water System services the communities of Enfield, Elmsdale, and Lantz. The source water for the regional water treatment system is the Shubenacadie River. The Regional Water Treatment Plant uses Dissolved Air Flotation as its primary method of treatment, at the Enfield Water Treatment Plant. The Regional system has 3 water towers that support pressure management and fire flows.

Shubenacadie Water System services the community of Shubenacadie within the Municipality of East Hants. The water source for the Shubenacadie Water Treatment Plant is via an underground aquifer that is accessed using wells.
The Shubenacadie system has 1 water tower that supports pressure management and fire flows.

Changes since 2016:

- Addition of a third Dissolved Air Flotation tank with additional filter at the Enfield Water Treatment Plant (2023)
- Transmission Line construction
  - Enfield project 2016-2018
  - Lantz project 2016-2018
- 2 new production wells at the Shubenacadie Water Treatment Plant
  - PW2019 (installed in 2019)
  - PW2024 (installed in 2024)
- Refurbishment Project for 2 water towers (Lantz & Elmsdale)
  - Lantz 2023
  - Elmsdale 2024
- Watermain Replacement along Hwy 215 in Shubenacadie (2021)
- Construction of Backwash Storage Tank for the Shubenacadie Water Treatment Plant (2025)
- Purchases of Leak Detection Equipment
- Humidity Control at the Shubenacadie Water Treatment Plant (insert year)
- Watermain Replacement along Burgess Road, Shubenacadie (2022-2023)
- Land Purchased (90.4 acres) with direct access to Grand Lake, within the current Grand Lake Source Water Protection catchment. (2023-2024)

New Serviced Area since 2016:

- FH Development
  - Tyler Street Extension
  - Sam Crescent
- Elmsdale Business Park Expansion
  - Enterprise Way
  - Development Drive
  - Expansion Lane
- Seven Lakes development
  - Sherwood Drive
  - Cottage Court
- Clayton development (Kiln Creek)
  - Owdis Ave
  - Lew Crescent
  - Glenn Drive
  - McKenna Ave
- Seven Lakes development
  - Mariah Drive extension
  - Jessome Ave
  - Brianna Drive
  - Turner James Ave extension

Request IR-2:
Please provide the projected operating and capital fund balance sheets for each of the test years in the rate study, based on the assumptions outlined in the study.

Response:
The projected Operating and Capital Fund Balance Sheets based on the assumptions in the rate study are as follows:

Municipality of the District of East Hants Water Utility Projected Operating Fund Balance Sheet			
	Year Ended March 31/27	Year Ended March 31/28	Year Ended March 31/29
Assets			
Cash	79,211	84,910	103,938
Rates Receivable	1,013,150	1,014,000	1,044,420
Accounts Receivable	70,000	71,000	72,000
Inventory	12,000	12,500	13,000
Prepaid Expenses	21,000	21,500	22,000
	1,195,361	1,203,910	1,255,358
Liabilities			
Accounts Payable and Accrued Liabilities	160,000	163,000	165,000
Due to Municipal Opertations	275,000	250,000	225,000
Due to Water Utility Capital	611,355	640,904	713,352
Deferred Revenue	101,000	102,000	104,000
	$1,147,355	$1,155,904	$1,207,352
Surplus	$48,006	$48,006	$48,006
	$1,195,361	$1,203,910	$1,255,358

Municipality of the District of East Hants Water Utility Projected Capital Fund Balance Sheet			
	Year Ended March 31/27	Year Ended March 31/28	Year Ended March 31/29
Assets			
Cash Depreciation Fund	3,094,698	2,730,932	634,158
Accounts Receivable	20,000	22,000	24,000
Due from Water Utility Operating Fund	611,355	640,904	713,352
Utility Plant and Equipment	39,453,370	40,558,370	43,963,370
	43,179,423	43,952,206	45,334,880
Liabilities			
Long Term Debt	4,712,134	4,277,055	3,803,152
Deferred Contributions	10,650,045	10,463,008	10,769,321
Accumulated Depreciation	9,982,691	10,623,595	11,336,947
Asset Retirement Obligation	50,000	52,000	54,000
	25,394,870	25,415,658	25,963,420
Investment in Capital Assets	17,784,553	18,536,548	19,371,460
	43,179,423	43,952,206	45,334,880

Request IR-3:

a) **Has the Utility notified customers that it is seeking significant increases in rates? Please provide copies of any notifications to customers.**

   i. **If so:**

   - **Please provide copies of any notification sent to its customers.**
   - **Have any customers provided feedback? Please detail any feedback received.**

Response:

So far, the following has taken place that would enable customers to be aware of the increase in rates.

1. Discussion of the water utility rate review report at the October 21, 2025 Corporate Services Committee meeting and the October 29, 2025 Council Meeting. Both were open to the public and live streamed.
2. Posting of the minutes of these meetings on the municipal website. Copies of these minutes are attached with this response to the NSRAB.
3. Notice in the Fall/Winter 2025/2026 Newsletter that a water utility rate review would be taking place and new rates will be proposed for April 1, 2026. It can be found here: https://www.easthants.ca/wp-content/uploads/2025/10/Newsletter-Fall-Winter-2025-26-Web.pdf
4. Creating a webpage on the municipal website dedicated to water utility rate review information. It can be found here: https://www.easthants.ca/water-rate-review/ .
5. The Notice of a Public Hearing document the NSRAB prepared was published in the Chronicle Herald on November 15th and 19th. Copies of these two documents are attached with this response to the NSRAB.

We have asked various municipal staff if there has been any feedback from the public re the proposed rate changes and so far, we do not know of any.

Note the municipality is planning on sending out an informational document (including proposed rate changes) to all customers with the next water utility bill mailing date of January 19th, 2026. It is also planned to announce this notice on social media at that time.

Request IR-4:
In its Decision for the previous rate application, the Board noted that it was pleased with the Utility's leak detection. At that time, the Utility's unaccounted for non-revenue water was approximately 30.5% of total production.

a) What is the current amount of unaccounted for non-revenue water?

Response:
Unaccounted Water (April, 2025 – Sept. 2025):
210.11 ML

b) What is the total non-revenue water, account and unaccounted for?

Response:
Total Plant Production (April, 2025 – Sept. 2025): 602.39 ML

Accounted Water (April, 2025 – Sept. 2025)
Billed: 318.49 ML
Lagoon: 8.30 ML
Bulk Water: 65.49 ML
Total: 392.28 ML

Unaccounted Water (April, 2025 – Sept. 2025):
210.11 ML

Estimated % Water Loss:
35%

c) Were any projects carried out since 2016 that would address non-revenue water?
i. If any were completed, please list the projects by year and the associated benefits.

Response:
District Metering Area project is currently underway, including construction of new panels and aimed to be installed on site next year. Additional detection equipment was purchased and has been in use to pinpoint water leak locations to increase repair response time.

d) Please explain any operating and/or capital expenditures associated with the reduction of non-revenue water in the current application.

Response:
These expenditures support leak detection, metering accuracy, system monitoring and long-term infrastructure renewal.

Operating Expenses:
- Leak Detection and Monitoring by staff (including overtime for evening work)
- Meter Testing
  Labour costs for meter replacements, troubleshooting and data validation
  Software licensing fees for meter-reading
- Data Analysis and System Management
  Staff time for water-balance calculation (production versus billed versus loss)
  SCADA data review, pressure zone assessment and operational optimization
  Ongoing training for operators
- Repairs and Field Response
  Materials and labour to repair leaks, service connections (new development) and valve failures
  Temporary traffic control, site restoration (landscaping, sidewalk and roads)

Capital Expenses:
Capital expenditures include watermain replacements, meter upgrades, and SCADA improvements.

e) Please explain any work done since the last application in 2016 to address leak detection or the reduction of non-revenue water.

Response:
Since the last rate review East Hants Water Utility staff have create a protocol for searching for hard-to-find leaks. The optimum time is being 2am and 4am to leverage leak detection equipment during the lowest water demand window for the regional system. Leading up to that window, the team isolates a neighborhood with valves to ensure 1 directional flow for a section to be investigated, and then will do specific search of the area. The team thein uses data collected from those search events to create repair schedules for those hard-to-find system leaks.

f) Has the application considered any reductions in non-revenue water in the Utility's system during the test period?
i. If yes, what is the assumed amount of non-revenue water reductions over the test period?

Response:
The rate study does not include any reductions in non-revenue water during the test period.

Request IR-5:
a) Does the Municipality still have the obligatory (Water Infrastructure Reserve) and Fire Protection reserves?
i. If yes, what are the balances in each reserve?

ii. If not, why not?

Response:
Yes, the municipality still has the obligatory Water Infrastructure Reserve. The account balance was $1,228,361 at March 31, 2025 and is projected to be $1,373,765 at March 31, 2026.
The municipality does not have a separate Fire Protection Reserve.

Request IR-6:
Looking at the 2024/25 financial statements, note 3 (Depreciation Fund). Please explain what the "Appropriations to Capital Fund" represents (e.g. capital additions paid with depreciation funds)?

Response:
Yes, that is correct – capital additions paid with depreciation funds.

Request IR-7:
With the Work since the last rate application, is adequate fire protection provided to all areas now? Please describe any areas which do not receive adequate fire protection and any plans to improve the issue.

Response:
The Utility has been working away to provide adequate protection in all areas. New development is meeting all current standards as demonstrated by the 31 hydrants that came in with new development, and 11 other hydrants have been installed since the last rate review.

Additional hydrants servicing East Hants since the last rate review;
From New Development since 2016 (31 hydrants):

- FH Development
  - Tyler Street Extension (2)
  - Sam Crescent (2)
- Elmsdale Business Park Expansion
  - Enterprise Way (3)
  - Development Drive (2)
  - Expansion Lane (1)
- Seven Lakes development
  - Sherwood Drive (2)
  - Cottage Court (1)
- Clayton development (Kiln Creek)
  - Owdis Ave (4)
  - Lew Crescent (3)
  - Glenn Drive (2)
  - McKenna Ave (3)
- Seven Lakes development
  - Mariah Drive extension (2)
  - Jessome Ave (2)
  - Brianna Drive (2)
  - Turner James Ave extension (0)

The Utility has added Hydrants in areas with gaps in historic spacing of hydrants since 2016;

- 3 in Elmsdale
- 8 in Lantz

Request IR-8:
The supplemental note for Worksheet C-9 from the rate study states that the bulk water rate has been calculated based on the formula used in other rate studies in the province, with a 20% markup for operating costs.

a) **How was the current Bulk Water calculated?**
   i. **If different than in this rate study, please explain the changes and why they are being proposed.**

Response:
The details on the calculation of the Bulk rate in the Rate Study are included in Worksheet C-9. See attached tables from the previous rate study

b) **How many Bulk Water customers does the Utility have?**
   i. **Is the number of customers expected to change over the test period?**

Response:
The Utility currently has 640 account holders for bulk water services. This number increased significantly over the past summer and fall due to the drought conditions. Many of the accounts are idle and have not been used in a long time. Yes, the number of accounts will change over the test period, but we cannot say with any certainty by how much. If we had to estimate an annual increase in the number of accounts we would use around 30 in a normal year.

<u>IR-9 to IR-16 Relate to Worksheet B-1 of the Rate Study:</u>
Request IR-9:
What is included in the "Miscellaneous Income" operating revenue line item?

Response:
The miscellaneous income includes administration fees (meter installation and reconnection fees), water account statements and bill reprints, NSF and late fees, sprinkler system, disconnection and private hydrant fees.

Request IR-10:
Given that the Utility has an accumulated surplus, please explain why the Utility is proposing to spend $75,000 from Capital out of Revenue in each of the test years, instead of using the accumulated surplus?

Response:
The utility uses capital out of revenue to fund various small capital projects which historically happen every year. (example replacement/new meters).

The accumulated operating surplus the Utility has been used in the attached updated water rate study to smooth rates.

Request IR-11:
Please explain the large increase in the Source of Supply expense line, from 2024/25 to 2025/26 (a 457.5% increase)

Response:
This increase is due to a planned Grand Lake water withdrawal assessment study, budgeted to cost $150,000 to be completed in 2025/2026.

Request IR-12:
Please explain the large increase in the Power and Pumping expense line, from 2024/25 to 2025/26 (a 12.5% increase)

Response:
This increase is due to the Elmsdale water tower foundation repair, as well as higher repairs and maintenance and small equipment replacement.

Request IR-13:
Please explain the large increase in the Water Treatment expense line, from 2024/25 to 2025/26 (an 18.6% increase)

Response:
This increase is due to the increased price and quantity of chemicals required. The 25/26 budget for chemicals was increased by 26% due to over expenditure in 24/25. In addition, a new position (Water Utility Operator) is being proposed for 2026/2027 and will be allocated 75% to Water Treatment.

Request IR-14:
Please explain the large increase in the Administration and General expense line, from 2024/25 to 2025/26 (a 29% increase).

Response:
This increase is due to hiring a second Environmental Engineering Technician who has a percentage of their salary allocated to the Water Utility. In addition, the Water Utility Rate Review fee for consultants is one time only in 2025/2026.

Request IR-15:
Please explain the decrease in the Transmission and Distribution expense line item, from 2025/26 to the 2026/27 budgeted amount.

Response:
This number has been updated in the attached Revised Water Rate Study., it is now an increase from $1,098,869 in 2025/2026 to $1,192,501 in 2026/2027. Originally, the decrease was due to $97,000 budgeted in 2025/2026 for Cross Connection Control grants to residents. The Water Utility is now projecting $82,000 of this program will be spent in 2026/2027 instead of 2025/2026. In addition, a new position (Water Utility Operator) is being proposed for 2026/2027 and will be allocated 25% to Transmission and Distribution (see updated Water Rate Study attached).

Request IR-16:
a) What does the existing debt relate to?

Response:
The Water Utility currently has 4 debentures relating to the Regional Water Treatment Plant, one debenture relating to the Shubenacadie Water Treatment Plant, and one debenture relating to a land purchase.

b) When is it projected to be retired?

Response:
The Shubenacadie Water Treatment Plant debenture is due to be refinanced in 2026 for 10 years. The land purchase is due to be refinanced in 2027 for 17 years (originally borrowed for 3 years due to high interest rates). The debentures for the Regional Water Treatment Plant are due to be retired in 2028, 2031 and two in 2032.

IR-17 to IR-20 Relate to Worksheet B-2a/2b/2c/2d/2e of the Rate Study:

Request IR-17:

Please briefly describe the Utility's budgeting process. Have there been any changes to that process since the last rate case? If so, please explain.

Response:
The municipal budget process normally begins in late September or early October and normally finishes by late February or early March. The water utility budgeting process follows the same processes as the municipal operating and capital budgeting processes.

Municipal Finance staff prepare draft documents for the upcoming fiscal year (April 1 to March 31) for each of the respective operating departments to complete. Finance staff complete the sections related to staffing and benefits. Finance staff schedule meetings with each of the responsible departmental staff (budget managers) to review and discuss the draft budget documents (both operating and capital). Changes are made as appropriate. Normally these meetings are held in November and December. Once all departmental meetings are completed and documents revised – meetings are again held with Finance staff, departmental staff and the CAO to review in detail (mid to late December). The CAO makes decisions on budgets prior to completing various documents that are prepared for Council members to review. This normally happens in late January through to early March. There are several special budget meetings with Finance staff, departmental staff, the CAO and Council members to review the draft budget documents. Council asks questions and makes decisions on changes they want to see made. Council will then vote on the revised budget documents. After a budget is approved for a fiscal year, Finance staff and departmental staff (budget managers) meet several times a year to review actuals and discuss issues arising during the year. Issues of significance will be brought to the attention of the CAO or Council as appropriate. There is a budget policy document that guides the budgeting processes.

There has not been any substantial changes in this process since the last rate review.

Request IR-18:

a) **Please explain how costs are allocated between the Village/Municipality and the Utility**
   i. **Have there been changes in the allocations since the last rate application in 2016? If so, please explain.**

Response:

a) An allocation of 7.5% of certain Information Technology costs are allocated to the Water Utility as a computer support fee.

   A calculation is prepared where 5% of administrative costs and 10% of finance costs are allocated to the Water Utility and sewer systems. The Water Utility receives 44% of this amount as an administrative fee.

Many of the Municipality's staff who have partial connection to Water Utility operations have a portion of their salary allocated to the Utility.

An allocation is prepared to split certain water and sewer costs relating to the Milford Wastewater Treatment Plant as it contains an administrative building that is used by Water Utility staff. In addition, the Water Distribution truck is kept at this facility. The Allocation to the Water Utility is 44%.

Landscaping costs are also allocated within the Municipality. The Water Utility receives an allocation of 10% total, with 6% being Water Treatment and 4% being Transmission and Distribution.

Internal custodial services are allocated to the Water Utility at 2.56% of the total custodial costs.

i. Both the custodial allocation and landscaping allocations are new since the last rate application as these services were brought in-house for the Municipality after 2016.

ii. How often does the Utility review the cost allocation to determine if it accurately captures costs and staff time?

Response:
ii Salary allocations, custodial and landscaping costs are reviewed annually to determine if the percentage is reasonable.

The computer support fee and administrative fee percentages do not change; however, the costs that are part of the initial calculation are scrutinized annually and if it is determined that a large expenditure was not relevant to the Water Utility, it would be removed from the calculation.

The allocation for Milford Wastewater Treatment Plant has remained consistent at 44% and is reviewed occasionally to determine if it is still reasonable.

Request IR-19:

a) Please explain the large expenditure of $171,764 for Professional Services in 2025/26

Response:
The large expenditure in professional services in 2025/2026 is $150,000 for the Grand Lake water withdrawal assessment, $10,000 for surveying for additional land for source water protection, $5,764 for regular source water monitoring (BV lab testing), and $6,000 for NSE requirements/approvals for professional hydrogeologist report.

b) Why was this expense so much higher in 2024/25 than it is projected to be in 2026/27.

Response:
There was a Still Hydrology Analysis completed in 2024/25 for $25,000 and there are no studies or analyses projected for 2026/27. The only item budgeted in professional services for 2026/27 is the regular source water monitoring (BV lab testing).

Request IR-20:

a) Please explain the Cross Connection Control expense line item under Transmission and Distribution in 2025/26 for $97,600.

Response:
It's a retrofit program, approved by Council, to expand the Cross Connection Control program to include premises (industrial, commercial, institutional or apartment buildings) built before June 1, 2016 where Municipality provide a flat rebate to offset the cost for one backflow prevention device and the initial test.

b) Why was this item expensed and not capitalized?

Response:
The backflow prevention devices, while it's a protection for the system, the device ownership is for the individual property. The Utility then tracks ongoing inspection completion of the devices through a third party.

IR-21 to IR-18 Relates to Worksheet B-3:

Request IR-21:
Do the depreciation rates for the capital budget over the test period conform to the Handbook? Please explain any differences.

Response:
Yes, the depreciation rates for the capital budget agree with the Handbook. The Depreciation rate for the Distribution Reservoirs, $275,000 in 2026/27 and $370,000 in 2027/28 in the revised rate study attached relates to repainting the interior of reservoirs and replacement/repair of hatches, ladders, etc. These items have been assigned a depreciation rate based on its projected life of 25 years.

Request IR-22:
Has any of the external funding for the capital program for 2025/26 or any of the test years been approved/received?

Response:
The amount in 2025/2026 is $150,000 and has been approved by the Department of Municipal Affairs under their GRID funding program.

The amount in 2027/2028 is $500.000 and the amount in 2028/2029 is $600,000. Both of these funding amounts are provided via the Canadian Community Building Fund and the agreement covering this program was renewed with the federal government in 2024. The municipality sets these funds aside annually in a reserve, and at March 31, 2025 the balance was over $4.4 million. Additional funding is received each year.

Request IR-23:
Please provide a summary of each of the projects included in the test period's capital budgets, by year.

Response:
2025/2026
Project 20-038: Enfield Water Treatment Plant Capacity Upgrade $54,500
To install the 3rd planned DAF (Dissolved Air Floatation) along with additional filtration and electrical components.

Project 23-016: District Metered Area (DMA) $90,000 Year 1
To establish 4 district meter locations within the regional system and will create water loss monitoring zones for Enfield, Elmsdale & Lantz.

Project 24-026: Backwash Storage – Shubenacadie Water Treatment Plant $300,000
To address operational challenges with backwashing, well production is below the required backwash flowrate. A backwash supply storage tank and pump system will require engineering design and layout to increase the volume and flows of water available for backwashing.

Project 25-022: Water Meter Replacement – New Meters $37,500 Year 1
Replacement of defective water meters and the installation of water meters for new accounts.

Project 25-023: Hydrants $60,000 Year 1
Installation of new fire hydrants to ensure the Municipality meet the fire fighting requirements.

Project 25-024: Leak Detection Equipment $15,000
To purchase a multifunctional leak detector that offers three functions into one, prelocation, pinpointing and correlation to allow the operation team to conduct feasible water leak searches in a shorter timeframe.

2026/2027
Project 23-016: District Metered Area (DMA) $226,000 Year 2
To establish 4 district meter locations within the regional system and will create water loss monitoring zones for Enfield, Elmsdale & Lantz.

Project 25-022: Water Meter Replacement – New Meters $55,000 Year 2
Replacement of defective water meters and the installation of water meters for new accounts.

Project 25-023: Hydrants $60,000 Year 2
Installation of new fire hydrants to ensure the Municipality meet the fire fighting requirements.

Project 24-031: Water Tower Renewal – Shubenacadie $275,000
To refurbish equipment and re-line the interior of the Shubenacadie Water Tower as per inspection report provided by the tower's manufacturer.

Project 25-028: Water Tower Mixers – Elmsdale & Shubenacadie $60,000
To purchase 2 mixers for the glass-lined water towers in Elmsdale and Shubenacadie resulting from findings during maintenance and repairs. The mixer prevents further stagnation, provides uniform water age, equal distribution of disinfectant and prevents further corrosion.

2027/2028
Project 25-022: Water Meter Replacement – New Meters $55,000 Year 3
Replacement of defective water meters and the installation of water meters for new accounts.

Project 24-036: Water Production Well – Shubenacadie $150,000
An additional production well will be needed to assure redundant capacity for the water treatment plant, this project will add a third production well. The existing well production is below the required backwash flowrate.-

Project 25-023: Hydrants $60,000 Year 3
Installation of new fire hydrants to ensure the Municipality meet the fire fighting requirements.

Project 21-029: Watermain Renewal – Highway 2 Shubenacadie $470,000 Year 1

Replacement of 1,325m of watermain and associated infrastructure on Highway 2 to Mill Village Rd.

Project 25-030: Water Tower Renewal – Lantz Phase 2 $370,000
Phase 2 of the refurbishment work of the water tower in Lantz that focuses on the exterior surfaces.

2028/2029
Project 25-022: Water Meter Replacement – New Meters $55,000 Year 4
Replacement of defective water meters and the installation of water meters for new accounts.

Project 25-023: Hydrants $60,000 Year 4
Installation of new fire hydrants to ensure the Municipality meet the fire fighting requirements.

Project 21-029: Watermain Renewal – Highway 2 Shubenacadie $3,000,000 Year 2
Replacement of 1,325m of watermain and associated infrastructure on Highway 2 to Mill Village Rd.

Project 24-038: Truck Replacement – Water Utility $90,000
To replace truck 120 (water distribution) that is on a 4-year replacement cycle. This vehicle requires towing capacity in order to handle the water cargo trailer for emergency repairs.

Engineered Spring Backup Power $200,000
Purchase of new stationary generator to provide back-up power to the Engineered Spring during power outages during drought seasons. This project includes civil works (pad and fence) and the purchase of 2x 6" diesel pumps with hoses to support the Engineered Spring during major mechanical breakdowns.

IR-24 to IR-26 Relate to Worksheet B-5:

Request IR-24:

a) Do the allocations to Fire Protection and General Service follow the allocations in the Handbook?

i. If not, what differences are being proposed and why?

Response:
Yes, the allocations to Fire Protection and General Service follow the allocations in the Handbook.

Request IR-25:
How does the percentage allocation of utility plant in service to fire protection calculated in this Worksheet differ from that calculated in the last rate application? Please explain the reason for any differences.

Response:
The allocations used in both the previous rate study and the current rate study are the same. In the final year (2019/20) of the previous rate study the projected allocation was 30.2% while the total Utility Plant in Service was projected to be $22,897,049. In current the allocation for first test year (2026/27) the allocation is calculated to be 29.0% while the total Utility Plant in Service is calculated to be 39,143,370. The 1% decline in the allocation will be related the actual capital assets added to the system since the previous rate study.

Request IR-26:

Why does the allocation to Fire protection decrease from what is calculated for 2025/26 from 31.5% to 29.5% in 2026/27?

Response:
The allocation of the "Water Utilities Contributed Buried Services" was not allocated correctly in all test years in the rate study. The allocation should have been 100% to General Service and 0% to Fire Protection (see revised rate study attached).

IR-27 Relates to Worksheet C-3 of the Rate Study:
Request IR-27:

a) **Please describe any differences between the allocations used in this worksheet and the allocations in the Handbook. Please explain the rationale for any differences.**

Response:
The allocations used on Worksheet C-3 in the original filing followed the Handbook allocations. In the attached revised Water Rate Study the Utility has allocated Depreciation 64% to Base, 18% to Delivery and 18% to Production in the first test year. With this allocation the base rate in the first test year is slightly higher for all meter sizes than the current approved rates (see Worksheet D-1 in attached rate study).

If the allocation in the Handbook are used the Base Charge will decline in the first test year as shown in the following table.

	Average Quarterly Consumption	Base Charge		Percent
Meter Size		Current	Proposed	Change
5/8"	36	47.00	40.38	-14.1%
3/4"	96	69.01	58.99	-14.5%
1"	131	113.02	96.19	-14.9%
1.5"	368	223.05	189.19	-15.2%
2"	696	355.09	300.80	-15.3%
3"	3,189	707.18	598.42	-15.4%
4"	1,577	1,094.34	933.25	-14.7%
6"	-	-	1,863.32	0.0%

b) **Please describe any differences between the allocations used in this worksheet and the allocations used in the previous rate study. Please explain the rationale for any differences.**

Response:
The allocations are the same as used in the previous rate study.

IR-27 to IR-29 Relate to Worksheets D-1 and D-2 of the Rate Study:
Request IR-28:

a) **Why is the Utility proposing to decrease the base charge in the second test year, to increase it again in the third test year?**

Response:

The attached revised rate study does not have a decrease in the base charge in the second year.

b) Did the Utility consider holding the base charge for the second test year, then up the final test year?
i. If not, why not?
ii. If yes, why was that option not proposed?

Response:
See response to IR-28a) above

c) Please provide an updated worksheet D-1 if the base charge was held constant in the second test year, with a corresponding drop in the commodity charge.

Response:
See response to IR-28a) above

Request IR-29:

a) Given that the Utility has an accumulated surplus, estimated to be over $300,000 at the end of 2025/26, has the Utility considered further rate smoothing so that the first year's increase is smaller, and so average bills and the base and commodity charges will not decrease in the second test year?
i. If not considered, what are the Utility's thoughts on such an approach?
ii. If considered, why was this option not proposed?

Response:
The attached revised rate study uses of the accumulated surplus to assist in smoothing the rates.

IR-30 Relates to the Proposed Schedule of Rates in the Rate Study:

Request IR-30:

Please list the proposed changes to the Schedule of Rates and Charges and explain the change(s) or addition(s).

Response:

Item #	Item	Proposed Change
4	Rates for Sprinkler Service	Rate increase from $300 to $360 for 6" or less and from $400 to $480 for 8" or more to reflect the cost of providing the service.
5	Private Hydrant Rates	Rate increase from $200 to $250 per hydrant to reflect the cost of providing the service.
7	Rates for Water Supplied from Fire Hydrants	Rate increase from $100 to $120 per permit to reflect the cost of providing the service.
8	Unmetered Service	Rate increase from $100 to $120 per service connection to reflect the cost of providing the service.
9	Connection/Disconnection/ Reconnection Fee	Rate increase from $25 to $30 for creation of a water account to reflect the cost of providing the service. Rate increase from $40 to $50 for the installation of a meter to reflect the cost of providing the service. Rate increase for after normal hours work increased from $200 to $240 to reflect the cost of providing the service.

		Rate increase from $50 to $60 for reconnection after a suspension for violation of the Rules and Regulations to reflect the cost of providing the service. Rate increase for after normal hours work increased from $200 to $240 for reconnection after a violation of the Rules and Regulations to reflect the cost of providing the service.
10	Charge for Non-Negotiable Cheques	Rate increase from $25 to $30 per cheques to reflect the cost of providing the service.
11	Charge for Use of Investigator/Collector	Rate increase from $25 to $30 per incident to reflect the cost of providing the service.
12	Charge for Missed Appointment by Customer	Rate increase from $40 to $48 per visit to reflect the cost of providing the service.
13	Theft of Service	Rate increase from $300 to $350 for first incident and from $600 to $750 for second incident, and each incident thereafter.
15	Charge for Meter Testing	Charge moved from Rules and Regulations to Schedule of Rates and Charges.

IR-31 Relates to the Proposed Schedule of Rules and Regulations:

Request IR-31:

Please list the proposed changes to the Schedule of Tunes and Regulations and explain the change(s) or addition(s).

Response:

Rule #	Rule/Regulation	Proposed Change
3	Deposits	Interest rate changed from 2% to 1% to reflect current rates.
5	Payment of Bills	Last sentence added including number of days and interest rate for consistency with Schedules A, B and C.
6(c)	Adjustment of Bills (c) Customer Over Billed	Last sentence added to limit the time period. This addition is consistent with other Utilities in the Province.
8	Billing	New. This Rule/Regulation is consistent with other Utilities in the Province.
13	Installation and Removal of Meters	Last sentence added to the first paragraph (The plumbing and connections……) to clarify the Customers responsibility to provide a properly prepared location for the water meter.
19	Meter Testing	Charge moved to Schedules of Rates and Charges to keep all charges/fees in the same location.
24	Improper Use, Manufacturing Use or Waste Water	Rule expanded to require Utility approval before a customer uses water for a manufacturing use to ensure any such planned uses do not exceed the Utility's capacity.
25	Reselling of Water	New Rule to ensure that any such planned use do not exceed the Utility's capacity
31	Sprinkler Service Mains and Hydrant System	Rule expanded to be consistent with other Utilities in the Province.
38	Water Conservation Directives	Last sentence (Bulk water customers who do not follow ….) added to ensure that all customers follow conservation directives.

Request IR-32:

a) **Please provide the rationale for using an interest rate of 6% for the new debt expected in 2028/29.**

Response:
The use of an interest rate of 6% for the new debt expected in 28/29 is based on previous rate studies in which have been accepted by the Board. It is meant to be conservative and may cover additional project costs and market conditions at the time of the placement of the debt. In the next rate study, the cost of the capital addition will be known and the amount of the actual debt placed will be known and included in the rate study

b) **Please provide the rationale for using a term of 20 years for the new debt expected in 2028/29.**

Response:
The revised rate study attached does not have any new debt.

c) **Which capital addition is the debt related to?**

Response:
The revised rate study attached does not have any new debt.

d) **What is the useful life of that asset?**

Response:
The revised rate study attached does not have any new debt.

IR-33 Relates to Contingency Planning:

a) **Has the Utility updated its risk assessment to consider the types of contingencies or emergencies that could occur? Are there any plans to mitigate identified risks?**
   i. **How often is the plan reviewed and updated?**
   ii. **Have there been any recent events/occurrences which have caused the Utility to make changes to the plan? Please explain.**
   iii. **Does the Utility engage in any training or tabletop exercises to review emergency response and business continuity plans?**

Response:
Yes, the Utility is aware of risk assessment to consider a broad range of contingencies and emergencies that could affect water and wastewater operations. The assessment includes risks related to:

- Infrastructure failures (e.g., watermain breaks, pump or SCADA failures)
- Water quality events
- Power outages and loss of communication systems
- Extreme weather events (freezing, storms, flooding)
- Supply-chain disruptions
- Staffing shortages or loss of key personnel
- Cybersecurity threats

i. Contingency plans for both the Regional Water Treatment Plant and Shubenacadie Water Treatment Plant are viewed annually with updates made through that annual review.
ii. The draught during the summer of 2025 had the Utility issue voluntary and then mandatory water restrictions. Staff found that the Standard Operating Procedure (SOP) for issuing water restrictions to enact was overall good, with the need for some slight updates, while the SOP was not clear on removal of restrictions steps. Updates to the Water Restrictions SOP are planned for Winter 2026.

iii. The Water Utility is represented on the East Hants Emergency Response Team which meets quarterly. With that the Utility is supported by the Municipality of East Hants which has a staff that receives Emergency Response Operations training through the Province of Nova Scotia.

b) Has the Utility had any recent expenditures related to contingency planning and emergency preparedness? If so, please briefly describe. If not, why not?

Response:
Yes, with the purchased of spare PLC components to stock at the Regional Water Treatment Plant. This was from learnings gained during the summer of 2025.

c) Has the Utility reviewed its source water protection management plan since the previous rate application?
i. What actions has the Utility taken to protect its water source?
ii. What further actions does it expect to take?

Response:
No there has not been an update to the source water protection management plan since the previous rate application. However, it is listed in the work plan for 2026.

i. The Utility has an active Source Water Protection Advisory Committee that meets and discusses source water protection. The committee meets twice annually. The last meeting was held on October 15, 2025. The next meeting is scheduled for April 15, 2026. In the past year the committee has posted public information at community halls regarding the emergence of the Red Swamp Crayfish within the Grand Lake Water shed, with information on how to report sightings. In 2024, the committee successfully recommended to East Hants council to write an advocacy letter to the province requesting boat wash down stations at all provincial boat launches within the Grand Lake Watershed. The committee has also sat on the Aerotech Collector Road advisory committee which was a major construction project within the Grand Lake Watershed.

ii. To continue public education for land owners within the Grand Lake Watershed, explore potential updates to the watershed delineation, continue to grow collaboration with other government agencies as it relates to invasive species awareness/information gathering, and to update the overall Source Water Protection Management Plan.

d) Please explain, in general terms, the Utility's planning or measures to enhance cybersecurity.

Response:

- Migration of all utility PCs from Windows 10 to Windows 11.
- Upgrades to end-of-life Surveillance Cameras (underway).
- Addition of surveillance cameras at Enfield Water Treatment Plant, Milford and Shubenacadie Wastewater Treatment Plants (underway).
- Firewall upgrades at the Engineered Spring, and Shubenacadie Water Tower.
- Network wide upgrade of endpoint detection software.
- Network wide Managed Detection and Response Service initialization.
- Implemented network wide strong password policies.
- All end users participate in security awareness training and phishing simulation testing.

e) **Has the Utility become aware of any lead pipes in its system since the last rate application?**
    i. **If so, what plans have been put into place to have them removed and replaced?**

Response:
No, there have been no lead pipes found since the last rate application. As per Provincial Operating approvals the Utility does complete annual copper and lead testing at homes serviced by the Utility on a voluntary basis. This has been active since 2022.

Request IR-33:
Has the Utility received any complaints concerning water quality or pressure since the last rate application? If so, please provide details of the complaints and solutions provided.

Response:
Yes, concerns came in regarding water discoloration. Specifically at 1 residential home on Oakmount. The Utility investigate by reviewing the pipe network the area, completed multiple hydrant flushing events to clear lines locally and reviewed historic line break repair history in the area.

There is system wide flushing that is scheduled in both the Spring and Fall to support overall system quality.

Request IR-34:
Does the current capital budget consider the impact of inflation on construction costs and supply chain constraints? If not, and a project exceeds the budgeted amounts, how would the Utility fund the overages?

Response:
Capital project budgets are updated annually, and yes inflation is a factor considered with project projections out beyond the first year of the budget.

Request IR-35:
a) **Does the Utility currently comply with the Nova Scotia Environment (NSE) regulations for drinking water?**
    i. **If not, what areas are not in compliance?**
    ii. **If not, what plans does the Utility have to address any non-compliance issues?**

Response:
Yes

CALCULATIONS FOR BULK WATER PROPOSED FEE INCREASE:

2017/2018

Current Rate:			$	8.78	/1,000 gallons
Proposed Rate:					
		Bulk Water Allocation			
Water Treatment Costs	$ 470,070	3.00%	$	14,102	
Excludes Power and Pumping costs at the Water Treatment Plans					
All Other Costs	$ 1,532,608	2.50%	$	38,315	
Total Costs	$ 2,002,678		$	52,417	
Gallons Consumed				4,001,790	
Proposed Rate			**$**	**13.10**	**/1,000 gallons**

2018/2019

Current Rate:			$	8.78	/1,000 gallons
Proposed Rate:					
		Bulk Water Allocation			
Water Treatment Costs	$ 483,032	3.00%	$	14,491	
Excludes Power and Pumping costs at the Water Treatment Plans					
All Other Costs	$ 1,619,034	2.50%	$	40,476	
Total Costs	$ 2,102,066		$	54,967	
Gallons Consumed				4,001,790	
Bulk Water Consumption Charge			**$**	**13.74**	**/1,000 gallons**

2019/2020

Current Rate:			$ 8.78	/1,000 gallons
Proposed Rate:				
		Bulk Water Allocation		
Water Treatment Costs	$ 488,214	3.00%	$ 14,646	
Excludes Power and Pumping costs at the Water Treatment Plans				
All Other Costs	$ 1,646,344	2.50%	$ 41,159	
Total Costs	$ 2,134,558		$ 55,805	
Gallons Consumed			4,001,790	
Bulk Water Consumption Charge			**$ 13.95**	**/1,000 gallons**

Bulk Water Usage History

Year	Usage	5 Year Average
2012/2013	3,593,244	
2013/2014	2,784,956	
2014/2015	4,917,280	
2015/2016	3,661,244	
2016/2017 (YTD)	5,052,228	4,001,790

Projected Total Billable Water

	Bulk Water	Metered Water	Total	Bulk Water (%)
2017/2018	4,001,790	114,580,325	118,582,115	3%
2018/2019	4,001,790	115,375,048	119,376,839	3%
2019/2020	4,001,790	116,172,452	120,174,242	3%

East Hants Water Utility Response to IR's

Water Rate Study

Prepared By

G. A. Isenor Consulting Limited

in Association with

Blaine S. Rooney Consulting Limited

15-Dec-25

Worksheet B-1

15-Dec-25

East Hants Water Utility Response to IR's
Comparitive Statement of Operations
Fiscal Years ending March 31st

			Projection Using Current Rates		
	2024/25 (Actual)	2025/26 (Projected)	2026/27 (Projected)	2027/28 (Projected)	2028/29 (Projected)
OPERATING REVENUES					
Metered Sales	2,382,116	2,424,900	2,458,800	2,487,800	2,516,800
Public Fire Protection	627,920	711,098	829,523	825,739	830,536
Bulk Water	177,137	245,000	175,000	175,000	175,000
Miscellaneous Income	26,385	24,375	24,375	24,375	24,375
Total	**3,213,558**	**3,405,373**	**3,487,698**	**3,512,914**	**3,546,711**
OPERATING EXPENDITURES					
Source of Supply	34,387	181,111	37,086	37,813	38,947
Power and Pumping	368,325	418,012	396,821	406,712	418,894
Water Treatment	668,479	848,092	867,393	892,034	918,794
Transmission and Distribution	1,083,860	1,030,078	1,192,501	1,137,720	1,175,673
Administration and General	369,853	478,290	465,699	477,204	491,521
Depreciation	522,744	581,417	610,265	639,814	712,262
Taxes		0	0	0	0
Total	**3,047,649**	**3,537,000**	**3,569,765**	**3,591,297**	**3,756,092**
OPERATING PROFIT (LOSS)	**165,909**	**-131,627**	**-82,067**	**-78,383**	**-209,381**
			0		
NON-OPERATING REVENUES					
Interest	45,681	20,000	20,000	10,000	5,000
Transfer from Operating Surplus	0	0	450,000	0	0
Other - Federal Program Grant	0	67,500	0	0	0
Total	**45,681**	**87,500**	**470,000**	**10,000**	**5,000**
NON-OPERATING EXPENDITURES					
Debt Charges - Principal	297,681	430,253	431,102	435,079	473,903
Debt Charges - Interest	197,165	197,417	189,690	134,328	107,580
New Debt - Principal			0	0	0
New Debt - Interest			0	0	0
New Debt - Principal				0	0
New Debt - Interest				0	0
New Debt - Principal					0
New Debt - Interest					0
Interest on Short Term borrowings	0	0	0	0	0
Discount on Debenture Issue	0				
Bank and Finance Charges	4,214	10,715	10,715	10,676	6,725
Capital out of Revenue	33,516	37,500	55,000	55,000	55,000
Earnings	0	0	0	0	0
Dividend to Owner	0	0	0	0	0
Total	**532,576**	**675,885**	**686,507**	**635,083**	**643,208**
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	**(320,986)**	**(720,012)**	**(298,574)**	**(703,466)**	**(847,589)**
SURPLUS AT BEGINNING OF YEAR	**1,539,004**	**1,218,018**	**498,006**	**199,432**	**(504,033)**
TRANSFER TO NON-OPERATING REVENUE			**(450,000)**	**0**	**0**
ACCUMULATED SURPLUS (DEFICIT)	**1,218,018**	**498,006**	**199,432**	**(504,033)**	**(1,351,622)**

Worksheet B-2

15-Dec-25

East Hants Water Utility Response to IR's

Statement of Operating Expenditures and Revenue Requirements

	2025/26 (Projected)	2026/27 (Projected)	2027/28 (Projected)	2028/29 (Projected)
OPERTATING EXPENDITURES				
Source of Supply	181,111	37,086	37,813	38,947
Power and Pumping	418,012	396,821	406,712	418,894
Water Treatment	848,092	867,393	892,034	918,794
Transmission and Distribution	1,030,078	1,192,501	1,137,720	1,175,673
Administration and General	478,290	465,699	477,204	491,521
Depreciation	581,417	610,265	639,814	712,262
Taxes	0	0	0	0
Total	**3,537,000**	**3,569,765**	**3,591,297**	**3,756,092**
NON OPERATING EXPENSES				
Debt Charges - Principal	430,253	431,102	435,079	473,903
Debt Charges - Interest	197,417	189,690	134,328	107,580
New Debt - Principal	0	0	0	0
New Debt - Interest	0	0	0	0
New Debt - Principal	0	0	0	0
New Debt - Interest	0	0	0	0
New Debt - Principal	0	0	0	0
New Debt - Interest	0	0	0	0
Interest on Short Term borrowings	0	0	0	0
Discount on Debenture Issue	0	0	0	0
Bank and Finance Charges	10,715	10,715	10,676	6,725
Capital out of Revenue	37,500	55,000	55,000	55,000
Earnings	0	0	0	0
Dividend to Owner	0	0	0	0
Total	**675,885**	**686,507**	**635,083**	**643,208**
LESS NON-OPERATING REVENUES				
Interest	20,000	20,000	10,000	5,000
Transfer from Operating Surplus	0	450,000	0	0
Other	67,500	0	0	0
Total	**87,500**	**470,000**	**10,000**	**5,000**
LESS OTHER OPERATING REVENUE				
Bulk Water	245,000	175,000	175,000	175,000
Miscellaneous Income	24,375	24,375	24,375	24,375
Total	**269,375**	**199,375**	**199,375**	**199,375**
REVENUE REQUIRED FROM FIRE PROTECTION AND WATER CUSTOMERS	**3,856,010**	**3,586,897**	**4,017,005**	**4,194,925**

East Hants Water Utility Response to IR's
Statement of Operating Expenditures

	2025/26 (Projected)	2026/27 (Projected)	2027/28 (Projected)	2028/29 (Projected)
SOURCE OF SUPPLY				
Salaries/Honorariums & Benefits	950	1,350	1,362	1,403
Supplies	1,810	4,000	4,080	4,202
Other Operational Cost	98	600	612	630
Professional Services	177,266	16,136	16,459	16,953
Contracts/Agreements	-	15,000	15,300	15,759
Buildings/Plants/Property	987	-	-	-
Other	-	-	-	-
TOTAL SOURCE OF SUPPLY	**181,111**	**37,086**	**37,813**	**38,947**
POWER AND PUMPING				
Heating Fuel	5,000	5,000	5,100	5,253
Power	195,412	195,412	201,274	207,313
Property/Grounds Repair and Maintenance	35,859	26,709	27,244	28,061
Plant and Equipment Repair and Maintenance	106,000	86,000	87,720	90,352
Equipment Replacement	73,181	80,000	81,600	84,028
Safety Equipment	2,000	3,000	3,060	3,152
Security	560	700	714	735
Other	-	-	-	-
TOTAL POWER AND PUMPING	**418,012**	**396,821**	**406,712**	**418,894**
WATER TREATMENT				
Salaries/Honorariums & Benefits	298,659	395,260	407,118	419,331
Supplies	27,822	20,050	20,451	21,065
Chemicals and other Operational Costs	360,584	358,937	369,456	380,539
Services Acquired	161,027	93,146	95,009	97,859
Buildings/Plants/Property	0	0	0	0
Other	0	0	0	0
TOTAL WATER TREATMENT	**848,092**	**867,393**	**892,034**	**918,794**
TRANSMISSION AND DISTRIBUTION				
Salaries/Honorariums & Benefits	389,488	439,248	452,395	465,967
Supplies	21,000	23,500	23,970	24,689
Other Operational Costs	79,805	85,453	87,808	88,677
Services Acquired	509,735	547,750	558,705	581,053
Vehicles	14,450	14,550	14,841	15,286
Buildings/Plants/Property	-	-	-	-
Cross Connection Control	15,600	82,000	-	-
TOTAL TRANSMISSION AND DISTRIBUTION	**1,030,078**	**1,192,501**	**1,137,720**	**1,175,673**

Worksheet B-2a/2b/2c/2d/2e

ADMINISTRATION AND GENERAL				
Salaries/Honorariums & Benefits	182,723	181,403	186,842	192,447
Supplies	4,960	5,030	5,131	5,286
Internet	15,030	15,150	15,453	15,917
Administraion Fee	124,447	128,592	131,164	135,099
Advertising	1,000	1,000	1,020	1,052
Postage	22,735	22,972	23,891	24,608
Regulatory Fees	3,540	3,680	3,754	3,866
Bad Debt Expense	4,000	4,000	4,000	4,120
Services Acquired- Prof. Services/Computer Support	119,855	103,872	105,949	109,128
Buildings/Plants/Property	-	-		
Professional Services				
Other General Office Expenses				
Other				
TOTAL ADMINISTRATION AND GENERAL	**478,290**	**465,699**	**477,204**	**491,521**

15-Dec-25

East Hants Water Utility Response to IR's

Calculation of Depreciation of Tangible Plant at Total Cost

2025/26

	Additions to Utility Plant in Service	Capital Cost Contribution from Others	Depreciation Rate	Annual Depreciation
		Depreciation Rate in Previous Year		522,744
		Depreciation on Enfield Water Treatment Plant		44,000
LAND AND LAND RIGHTS				
Source of Supply Land	0			0
Land - General				0
STRUCTURES AND IMPROVEMENTS				0
Source of Supply Structures	0		0.02	0
Power and Pumping Structures	0		0.04	0
Purification - Included in Enfield WTP below	54,500		0.02	0
Distribution Reservoirs and Standpipes	0	0	0.04	0
Water Treatment Plant	300,000	150,000	0.02	6,000
Other	0	0	0.04	0
Other	0		0.05	0
Equipment				0
Electrical Pumping	0	0	0.05	0
Purification Equipment	0	0	0.05	0
Office Furniture and Equipment	0			0
Transportation Equipment	0	0	0.1	0
Tools and Work Equipment	15,000		0.1	1,500
Software / computers	0		0.02	0
Control and Monitoring equipment				0
Digital Mapping	0	0	0	0
Generator	0	0	0.1	0
Mains				0
Transmission	0	0	0.0133	0
Distribution	0	0	0.0133	0
Meters	127,500	0	0.05	6,375
Hydrants	60,000	0	0.0133	798
Sprinkler Connections		0		0
Services	0	0	0.02	0
Other	0	0	0.2	0
TOTAL	557,000	150,000	1	14,673

Source of Funding		Depreciation Fund Balance beginning of year	2,751,845
Outside Sources	150,000	Interest on Fund balance	41,278
Depreciation fund	315,000	Fund balance before expenditures	2,793,123
Long Term Debt	0	Depreciation Contribution for the Year	581,417
Capital from Revenue	37,500	Depreciation Spent During the Year	-315,000
Municipal Infrastructure Fund	54,500	Balance after expenditures and transfer	3,059,540
TOTAL	557,000		

East Hants Water Utility Response to IR's
Calculation of Depreciation of Tangible Plant at Total Cost
2026/27

	Additions to Utility Plant in Service	Capital Cost Contribution from Others	Depreciation Rate	Annual Depreciation
		Depreciation Rate in Previous Year		581,417
			`	
LAND AND LAND RIGHTS				
Source of Supply Land	0			0
Land - General				0
STRUCTURES AND IMPROVEMENTS				0
Source of Supply Structures Flood Study	0		0.01333	0
Power and Pumping Structures	0		0.05	0
Purification - Filter Replacment	0		0.05	0
Distribution Reservoirs and Standpipes	275,000	0	0.04	11,000
Water Treatment Plant	0			0
Other	0	0	0.033	0
Other	0		0.04	0
Equipment	0			0
Electrical Pumping	60,000	0	0.05	3,000
Purification Equipment	0	0	0.05	0
Office Furniture and Equipment	0			0
Transportation Equipment	0	0	0.1	0
Tools and Work Equipment	0		0.1	0
Software / computers	0		0.2	0
Control and Monitoring equipment	0	0	0.1	0
Digital Mapping	0	0	0.1	0
Generator	0			0
Mains		0		0
Transmission	0	0	0.0133	0
Distribution	0	0	0.0133	0
Meters	281,000	0	0.05	14,050
Hydrants	60,000	0	0.0133	798
Sprinkler Connections	0	0		0
Services	0	0	0.02	0
Other - Water Rate Study/Hearing	0	0	0.333	0
TOTAL	676,000	0	1	28,848

Source of Funding		Depreciation Fund Balance beginning of year	3,059,540
Outside Sources	0	Interest on Fund balance	45,893
Depreciation fund	621,000	Fund balance before expenditures	3,105,433
Long Term Debt	0	Depreciation Contribution for the Year	610,265
Capital from Revenue	55,000	Depreciation Spent During the Year	-621,000
Municipal Infrastructure Fund	0		
TOTAL	676,000	Balance after expenditures and transfer	3,094,698

East Hants Water Utility Response to IR's
Calculation of Depreciation of Tangible Plant at Total Cost
2027/28

	Additions to Utility Plant in Service	Capital Cost Contribution from Others	Depreciation Rate	Annual Depreciation
		Depreciation Rate in Previous Year		610,265
LAND AND LAND RIGHTS				
Source of Supply Land	0	0	0	0
Source Water Protection				0
STRUCTURES AND IMPROVEMENTS				0
Source of Supply Structures Flood Study	0	0	0.01333	0
Power and Pumping Structures	0	0	0.02	0
Purification	0		0	0
Distribution Reservoirs and Standpipes	370,000	0	0.04	14,800
Water Treatment Plant	0	0	0.04	0
Other - New Well Shubenacadie	150,000	0	0.033	4,950
Other	0	0	0.05	0
Equipment		0		0
Electrical Pumping	0	0	0.05	0
Purification Equipment	0	0	0.05	0
Office Furniture and Equipment	0	0	0.05	0
Transportation Equipment	0	0	0.2	0
Tools and Work Equipment	0	0	0.1	0
Software / computers	0	0	0.1	0
Control and Monitoring equipment		0		0
Digital Mapping	0	0	0	0
Generator	0	0	0.04	0
Mains		0		0
Transmission	0		0.01333	0
Distribution	470,000	0	0.0133	6,251
Meters	55,000	0	0.05	2,750
Hydrants	60,000	0	0.0133	798
Sprinkler Connections	0	0		0
Services	0	0	0.02	0
Other	0		0.02	0
TOTAL	1,105,000	0		29,549

Source of Funding		Depreciation Fund Balance beginning of year	3,094,698
Outside Sources	0	Interest on Fund balance	46,420
Depreciation fund	1,050,000	Fund balance before expenditures	3,141,118
Long Term Debt	0	Depreciation Contribution for the Year	639,814
Capital from Revenue	55,000	Depreciation Spent During the Year	-1,050,000
Municipal Infrastructure Fund	0		
TOTAL	1,105,000	Balance after expenditures and transfer	2,730,932

East Hants Water Utility Response to IR's
Calculation of Depreciation of Tangible Plant at Total Cost
2028/29

	Additions to Utility Plant in Service	Capital Cost Contribution from Others	Depreciation Rate	Annual Depreciation
		Depreciation Rate in Previous Year		639,814
LAND AND LAND RIGHTS				
Source of Supply Land	0			0
Land - General				0
STRUCTURES AND IMPROVEMENTS				0
Source of Supply Structures	0		0.01333	0
Power and Pumping Structures				0
Purification			0.05	0
Distribution Reservoirs and Standpipes	0	0	0.04	0
Water Treatment Plant	0		0.02	0
Test Well	0	0	0.04	0
Other				0
Equipment				0
Electrical Pumping		0	0.05	0
Purification Equipment	0	0	0.05	0
Office Furniture and Equipment				0
Transportation Equipment	90,000	0	0.1	9,000
Tools and Work Equipment	0		0.1	0
Software / computers	0		0.2	0
Control and Monitoring equipment				0
Digital Mapping		0	0.05	0
Generator	200,000		0.1	20,000
Mains				0
Transmission			0.0133	0
Distribution	3,000,000	500,000	0.0133	39,900
Meters	55,000	0	0.05	2,750
Hydrants	60,000	0	0.0133	798
Sprinkler Connections	0	0		0
Services	0	0	0.02	0
Other				0
TOTAL	3,405,000	500,000	1	72,448

Source of Funding		Depreciation Fund Balance beginning of year	2,730,932
Outside Sources	500,000	Interest on Fund balance	40,964
Depreciation fund	2,850,000	Fund balance before expenditures	2,771,896
Long Term Debt	0	Depreciation Contribution for the Year	712,262
Capital from Revenue	55,000	Depreciation Spent During the Year	-2,850,000
Municipal Infrastructure Fund	0		
TOTAL	3,405,000	Balance after expenditures and transfer	634,158

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East Hants Water Utility Response to IR's

Calculation of Amoritization on Capital Contributions (to Plant)

2025/26

	Capital Contributions to Utility Plant in Service	Amortization Rate	Annual Amortization
LAND AND LAND RIGHTS			
Source of Supply Land	0	0.00	0
Land - General	0	0.00	0
STRUCTURES AND IMPROVEMENTS	0	0.00	0
Source of Supply Structures Flood Study	0	0.02	0
Power and Pumping Structures	0	0.04	0
Purification	0	0.02	0
Distribution Reservoirs and Standpipes	0	0.04	0
Water Treatment Plant	150,000	0.02	3,000
Test Well	0	0.04	0
Other	0	0.05	0
Equipment	0	0.00	0
Electrical Pumping	0	0.05	0
Purification Equipment	0	0.05	0
Office Furniture and Equipment	0	0.00	0
Transportation Equipment	0	0.10	0
Tools and Work Equipment	0	0.10	0
Software / computers	0	0.02	0
Control and Monitoring equipment	0	0.00	0
Digital Mapping	0	0.00	0
Generator	0	0.10	0
Mains	0	0.00	0
Transmission	0	0.01	0
Distribution	0	0.01	0
Meters	0	0.05	0
Hydrants	0	0.01	0
Sprinkler Connections	0	0.00	0
Services	0	0.02	0
Other	0	0.20	0
TOTAL	150,000		3,000

East Hants Water Utility Response to IR's
Calculation of Amoritization on Capital Contributions (to Plant)
2026/27

	Capital Contributions to Utility Plant in Service	Amortization Rate	Annual Amortization
LAND AND LAND RIGHTS			
Source of Supply Land	0	0.00	0
Land - General	0	0.00	0
STRUCTURES AND IMPROVEMENTS	0	0.00	0
Source of Supply Structures Flood Study	0	0.01	0
Power and Pumping Structures	0	0.05	0
Purification		0.05	0
Distribution Reservoirs and Standpipes	0	0.04	0
Water Treatment Plant	0	0.00	0
Test Well	0	0.03	0
Other	0	0.04	0
Equipment	0	0.00	0
Electrical Pumping	0	0.05	0
Purification Equipment	0	0.05	0
Office Furniture and Equipment	0	0.00	0
Transportation Equipment	0	0.1000	0
Tools and Work Equipment	0	0.10	0
Software / computers	0	0.20	0
Control and Monitoring equipment	0	0.20	0
Digital Mapping	0	0.10	0
Generator	0	0.10	0
Mains	0	0.00	0
Transmission	0	0.0133	0
Distribution	0	0.0133	0
Meters	0	0.050	0
Hydrants	0	0.0133	0
Sprinkler Connections	0	0.00	0
Services	0	0.02	0
Other		0.00	0
TOTAL	0		0

East Hants Water Utility Response to IR's
Calculation of Amoritization on Capital Contributions (to Plant)
2027/28

	Capital Contributions to Utility Plant in Service	Amortization Rate	Annual Amortization
LAND AND LAND RIGHTS			
Source of Supply Land	0	0.00	0
Land - General	0	0.00	0
STRUCTURES AND IMPROVEMENTS	0	0.00	0
Source of Supply Structures Flood Study	0	0.01	0
Power and Pumping Structures	0	0.02	0
Purification	0	0.00	0
Distribution Reservoirs and Standpipes	0	0.0400	0
Water Treatment Plant	0	0.04	0
Test Well	0	0.03	0
Other	0	0.05	0
Equipment	0	0.00	0
Electrical Pumping	0	0.05	0
Purification Equipment	0	0.05	0
Office Furniture and Equipment	0	0.05	0
Transportation Equipment	0	0.20	0
Tools and Work Equipment	0	0.10	0
Software / computers	0	0.10	0
Control and Monitoring equipment	0	0.00	0
Digital Mapping	0	0.00	0
Generator	0	0.04	0
Mains	0	0.00	0
Transmission	0	0.0133	0
Distribution	0	0.0133	0
Meters	0	0.05	0
Hydrants	0	0.01	0
Sprinkler Connections	0	0.00	0
Services	0	0.02	0
Other	0	0.02	0
TOTAL	0		0

East Hants Water Utility Response to IR's
Calculation of Amoritization on Capital Contributions (to Plant)
2028/29

	Capital Contributions to Utility Plant in Service	Amortization Rate	Annual Amortization
LAND AND LAND RIGHTS			
Source of Supply Land	0	0.00	0
Land - General	0	0.00	0
STRUCTURES AND IMPROVEMENTS	0	0.00	0
Source of Supply Structures Flood Study	0	0.01	0
Power and Pumping Structures	0	0.00	0
Purification	0	0.05	0
Distribution Reservoirs and Standpipes	0	0.04	0
Water Treatment Plant	0	0.02	0
Test Well	0	0.04	0
Other	0	0.00	0
Equipment	0	0.00	0
Electrical Pumping	0	0.05	0
Purification Equipment	0	0.05	0
Office Furniture and Equipment	0	0.00	0
Transportation Equipment	0	0.10	0
Tools and Work Equipment	0	0.10	0
Software / computers	0	0.20	0
Control and Monitoring equipment	0	0.00	0
Digital Mapping	0	0.05	0
Generator	0	0.10	0
Mains	0	0.00	0
Transmission	0	0.01	0
Distribution	500,000	0.01	6,650
Meters	0	0.05	0
Hydrants	0	0.01	0
Sprinkler Connections	0	0.00	0
Services	0	0.02	0
Other	0	0.00	0
TOTAL	500,000		6,650

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East Hants Water Utility Response to IR's
Allocation of the Total Cost of Utiliy Plant in Service
Between General Service and Fire Protection
2025/26

	Utility Plant in Service Previous Year	Additions	Utility Plant in Service	Percent	General Service	Percent	Fire Protection
Intangible Plant							
Organization and Working Capital	-		-	100.0%	0	0.0%	0
Tangible Plant							
Land and Land Rights	-		-				
Bulk Water	7,500	-	7,500	90.0%	6,750	10.0%	750
Other	17,533	-	17,533	90.0%	15,780	10.0%	1,753
Fence	13,540	-	13,540	90.0%	12,186	10.0%	1,354
Source of Supply Structures	3,512,185	-	3,512,185	90.0%	3,160,967	10.0%	351,219
Structures and Improvements	-	-	-		0		0
Source of Supply Structures	690,712	-	690,712	90.0%	621,641	10.0%	69,071
Power and Pumping Structures	118,280	-	118,280	90.0%	106,452	10.0%	11,828
Purification	12,046,208	54,500	12,100,708	90.0%	10,890,637	10.0%	1,210,071
Distribution Reservoirs and Standpipes	2,960,915	-	2,960,915	40.0%	1,184,366	60.0%	1,776,549
Water Treatment Plant	-	300,000	300,000	90.0%	270,000	10.0%	30,000
Other	-	-	-	90.0%	0	10.0%	0
Other		-	-	90.0%	0	10.0%	0
Equipment			-		0		0
Electrical Pumping	378,504	-	378,504	90.0%	340,654	10.0%	37,850
Purification Equipment	789,405	-	789,405	90.0%	710,465	10.0%	78,941
Office Furniture and Equipment	-	-	-	90.0%	0	10.0%	0
Transportation Equipment	74,405	-	74,405	90.0%	66,965	10.0%	7,441
Tools and Work Equipment	40,471	15,000	55,471	90.0%	49,924	10.0%	5,547
Software / computers	-	-	-	90.0%	0	10.0%	0
Control and Monitoring equipment	-	-	-	90.0%	0	10.0%	0
Digital Mapping	-	-	-	90.0%	0	10.0%	0
Other	315,285	-	315,285	90.0%	283,757	10.0%	31,529
Mains		-	-		0		0
Transmission	8,329,138	-	8,329,138	40.0%	3,331,655	60.0%	4,997,483
Distribution	1,946,853	-	1,946,853	40.0%	778,741	60.0%	1,168,112
Meters	1,513,047	127,500	1,640,547	100.0%	1,640,547	0.0%	0
Hydrants	1,004,930	60,000	1,064,930	0.0%	0	100.0%	1,064,930
Water Utilities Contributed Buried Services	1,972,775	-	1,972,775	100.0%	1,972,775	0.0%	0
Services	294,879	-	294,879	100.0%	294,879	0.0%	0
Other - Work in Progress	2,193,805	-	2,193,805	90.0%	1,974,425	10.0%	219,381
TOTAL	38,220,370	557,000	38,777,370	71.5%	27,713,563	28.5%	11,063,807

East Hants Water Utility Response to IR's
Allocation of the Total Cost of Utiliy Plant in Service
Between General Service and Fire Protection
2026/27

	Utility Plant in Service Previous Year	Additions	Utility Plant in Service	Percent	General Service	Percent	Fire Protection
Intangible Plant							
Organization and Working Capital	-		-	100.0%	0	0.0%	0
Tangible Plant	-						
Land and Land Rights	-		-				
Bulk Water	7,500	-	7,500	90.0%	6,750	10.0%	750
Other	17,533	-	17,533	90.0%	15,780	10.0%	1,753
Fence	13,540	-	13,540	90.0%	12,186	10.0%	1,354
Source of Supply Structures	3,512,185	-	3,512,185	90.0%	3,160,967	10.0%	351,219
Structures and Improvements	-	-	-		0		0
Source of Supply Structures Flood Study	690,712	-	690,712	90.0%	621,641	10.0%	69,071
Power and Pumping Structures	118,280	-	118,280	90.0%	106,452	10.0%	11,828
Purification	12,100,708	-	12,100,708	90.0%	10,890,637	10.0%	1,210,071
Distribution Reservoirs and Standpipes	2,960,915	275,000	3,235,915	40.0%	1,294,366	60.0%	1,941,549
Water Treatment Plant	300,000	-	300,000	90.0%	270,000	10.0%	30,000
New Well Shubenacadie	-	-	-	90.0%	0	10.0%	0
Other - Hydrological Study	-	-	-	90.0%	0	10.0%	0
Equipment	-	-	-		0		0
Electrical Pumping	378,504	60,000	438,504	90.0%	394,654	10.0%	43,850
Purification Equipment	789,405	-	789,405	90.0%	710,465	10.0%	78,941
Office Furniture and Equipment	-	-	-	90.0%	0	10.0%	0
Transportation Equipment	74,405	-	74,405	90.0%	66,965	10.0%	7,441
Tools and Work Equipment	55,471	-	55,471	90.0%	49,924	10.0%	5,547
Software / computers	-	-	-	90.0%	0	10.0%	0
Control and Monitoring equipment	-	-	-	90.0%	0	10.0%	0
Digital Mapping	-	-	-	90.0%	0	10.0%	0
Generator	315,285	-	315,285	90.0%	283,757	10.0%	31,529
Mains	-	-	-		0		0
Transmission	8,329,138	-	8,329,138	40.0%	3,331,655	60.0%	4,997,483
Distribution	1,946,853	-	1,946,853	40.0%	778,741	60.0%	1,168,112
Meters	1,640,547	281,000	1,921,547	100.0%	1,921,547	0.0%	0
Hydrants	1,064,930	60,000	1,124,930	0.0%	0	100.0%	1,124,930
Water Utilities Contributed Buried Services	1,972,775		1,972,775	100.0%	1,972,775	0.0%	0
Services	294,879	-	294,879	100.0%	294,879	0.0%	0
Other - Work in Progress	2,193,805	-	2,193,805	90.0%	1,974,425	10.0%	219,381
TOTAL	38,777,370	676,000	39,453,370	71.4%	28,158,563	28.6%	11,294,807

East Hants Water Utility Response to IR's
Allocation of the Total Cost of Utiliy Plant in Service
Between General Service and Fire Protection
2027/28

	Utility Plant in Service Previous Year	Additions	Utility Plant in Service	Percent	General Service	Percent	Fire Protection
Intangible Plant							
Organization and Working Capital	-		-	100.0%	0	0.0%	0
Tangible Plant	-						
Land and Land Rights	-		-				
Bulk Water	7,500	0	7,500	90.0%	6,750	10.0%	750
Other	17,533	0	17,533	90.0%	15,780	10.0%	1,753
Fence	13,540	0	13,540	90.0%	12,186	10.0%	1,354
Source of Supply Structures	3,512,185	0	3,512,185	90.0%	3,160,967	10.0%	351,219
Structures and Improvements	-	0	-		0		0
Source of Supply Structures Flood Study	690,712	0	690,712	90.0%	621,641	10.0%	69,071
Power and Pumping Structures	118,280	0	118,280	90.0%	106,452	10.0%	11,828
Purification	12,100,708	0	12,100,708	90.0%	10,890,637	10.0%	1,210,071
Distribution Reservoirs and Standpipes	3,235,915	370,000	3,605,915	40.0%	1,442,366	60.0%	2,163,549
Water Treatment Plant	300,000	0	300,000	90.0%	270,000	10.0%	30,000
New Well Shubenacadie	-	150,000	150,000	90.0%	135,000	10.0%	15,000
Other	-	0	-	90.0%	0	10.0%	0
Equipment	-	0	-		0		0
Electrical Pumping	438,504	0	438,504	90.0%	394,654	10.0%	43,850
Purification Equipment	789,405	0	789,405	90.0%	710,465	10.0%	78,941
Office Furniture and Equipment	-	0	-	90.0%	0	10.0%	0
Transportation Equipment	74,405	0	74,405	90.0%	66,965	10.0%	7,441
Tools and Work Equipment	55,471	0	55,471	90.0%	49,924	10.0%	5,547
Software / computers	-	0	-	90.0%	0	10.0%	0
Control and Monitoring equipment	-	0	-	90.0%	0	10.0%	0
Digital Mapping	-	0	-	90.0%	0	10.0%	0
Generator	315,285	0	315,285	90.0%	283,757	10.0%	31,529
Mains	-	0	-		0		0
Transmission	8,329,138	0	8,329,138	40.0%	3,331,655	60.0%	4,997,483
Distribution	1,946,853	470,000	2,416,853	40.0%	966,741	60.0%	1,450,112
Meters	1,921,547	55,000	1,976,547	100.0%	1,976,547	0.0%	0
Hydrants	1,124,930	60,000	1,184,930	0.0%	0	100.0%	1,184,930
Water Utilities Contributed Buried Services	1,972,775	-	1,972,775	100.0%	1,972,775	0.0%	0
Services	294,879	0	294,879	100.0%	294,879	0.0%	0
Other Work in Process	2,193,805	0	2,193,805	90.0%	1,974,425	10.0%	219,381
TOTAL	39,453,370	1,105,000	40,558,370	70.7%	28,684,563	29.3%	11,873,807

East Hants Water Utility Response to IR's
Allocation of the Total Cost of Utiliy Plant in Service
Between General Service and Fire Protection
2028/29

	Utility Plant in Service Previous Year	Additions	Utility Plant in Service	Percent	General Service	Percent	Fire Protection
Intangible Plant							
Organization and Working Capital	-		-	100.0%	0	0.0%	0
Tangible Plant							
Land and Land Rights	-		-				
Bulk Water	7,500	0	7,500	90.0%	6,750	10.0%	750
Other	17,533	0	17,533	90.0%	15,780	10.0%	1,753
Fence	13,540	0	13,540	90.0%	12,186	10.0%	1,354
Source of Supply Structures	3,512,185	0	3,512,185	90.0%	3,160,967	10.0%	351,219
Structures and Improvements	-	0	-		0		0
Source of Supply Structures Flood Study	690,712	0	690,712	90.0%	621,641	10.0%	69,071
Power and Pumping Structures	118,280	0	118,280	90.0%	106,452	10.0%	11,828
Purification	12,100,708	0	12,100,708	90.0%	10,890,637	10.0%	1,210,071
Distribution Reservoirs and Standpipes	3,605,915	0	3,605,915	40.0%	1,442,366	60.0%	2,163,549
Water Treatment Plant	300,000	0	300,000	90.0%	270,000	10.0%	30,000
New Well Shubenacadie	150,000	0	150,000	90.0%	135,000	10.0%	15,000
Other	-	0	-	90.0%	0	10.0%	0
Equipment	-	0	-				
Electrical Pumping	438,504	0	438,504	90.0%	394,654	10.0%	43,850
Purification Equipment	789,405	0	789,405	90.0%	710,465	10.0%	78,941
Office Furniture and Equipment	-	0	-	90.0%	0	10.0%	0
Transportation Equipment	74,405	90,000	164,405	90.0%	147,965	10.0%	16,441
Tools and Work Equipment	55,471	0	55,471	90.0%	49,924	10.0%	5,547
Software / computers	-	0	-	90.0%	0	10.0%	0
Control and Monitoring equipment	-	0	-	90.0%	0	10.0%	0
Digital Mapping	-	0	-	90.0%	0	10.0%	0
Generator	315,285	200,000	515,285	90.0%	463,757	10.0%	51,529
Mains	-	0	-		0		0
Transmission	8,329,138	0	8,329,138	40.0%	3,331,655	60.0%	4,997,483
Distribution	2,416,853	3,000,000	5,416,853	40.0%	2,166,741	60.0%	3,250,112
Meters	1,976,547	55,000	2,031,547	100.0%	2,031,547	0.0%	0
Hydrants	1,184,930	60,000	1,244,930	0.0%	0	100.0%	1,244,930
Water Utilities Contributed Buried Services	1,972,775	-	1,972,775	100.0%	1,972,775	0.0%	0
Services	294,879	0	294,879	100.0%	294,879	0.0%	0
Other	2,193,805	0	2,193,805	90.0%	1,974,425	10.0%	219,381
TOTAL	40,558,370	3,405,000	43,963,370	68.7%	30,200,563	31.3%	13,762,807

East Hants Water Utility Response to IR's
Allocation of Fire Protection Charges
Projected Expenses for 2026/27

	Estimated Expenses	PerCent Allocation to fire Protection	Fire Protection Charge
Source of Supply	37,086	10.0%	3,709
Power and Pumping	396,821	10.0%	39,682
Water Treatment	867,393	10.0%	86,739
Transmission and Distribution	1,192,501	28.6%	341,392
Adminstration and General	465,699	10.0%	46,570
Depreciation	610,265	28.6%	174,708
Taxes	0	28.6%	0
Return on Rate Base	17,132	28.6%	4,905
Total	3,586,897	19.5%	697,705

East Hants Water Utility Response to IR's
Allocation of Fire Protection Charges
Projected Expenses for Year 2027/28

	Estimated Expenses	PerCent Allocation to fire Protection	Fire Protection Charge
Source of Supply	37,813	10.0%	3,781
Power and Pumping	406,712	10.0%	40,671
Water Treatment	892,034	10.0%	89,203
Transmission and Distribution	1,137,720	29.3%	333,077
Adminstration and General	477,204	10.0%	47,720
Depreciation	639,814	29.3%	187,311
Taxes	0	29.3%	0
Return on Rate Base	425,708	29.3%	124,630
Total	4,017,005	20.6%	826,394

East Hants Water Utility Response to IR's
Allocation of Fire Protection Charges
Projected Expenses for Year 2028/29

	Estimated Expenses	PerCent Allocation to fire Protection	Fire Protection Charge
Source of Supply	38,947	10.0%	3,895
Power and Pumping	418,894	10.0%	41,889
Water Treatment	918,794	10.0%	91,879
Transmission and Distribution	1,175,673	31.3%	368,046
Adminstration and General	491,521	10.0%	49,152
Depreciation	712,262	31.3%	222,975
Taxes	0	31.3%	0
Return on Rate Base	438,833	31.3%	137,377
Total	4,194,925	21.8%	915,214

Worksheet C-2

15-Dec-25

East Hants Water Utility Response to IR's				
Calculation of rate Base and required Return on rate Base				
Years Ending March 31st				
	2025/26	**2026/27**	**2027/28**	**2028/29**
	(Projected)	**(Projected)**	**(Projected)**	**(Projected)**
RATE BASE				
Utility plant in Service March 31st	38,777,370	39,453,370	40,558,370	43,963,370
Less Accumulated Depreciaiton on actual cost of plant in service (Estimated)	(9,370,246)	(9,980,511)	(10,620,325)	(11,332,587)
Less unamoritized amount of capital contribution for plant in service	(10,837,082)	(10,650,045)	(10,463,008)	(10,769,321)
Estimated Rate Base at Year End	18,570,042	18,822,814	19,475,037	21,861,462
REQUIRED RETURN				
Non-operating Expenditures (B-2)	675,885	686,507	635,083	643,208
Less Non-operating Revenue	(87,500)	(470,000)	(10,000)	(5,000)
Less Other Non-operating Revenue (B-2)	(269,375)	(199,375)	(199,375)	(199,375)
Return on Rate Base	319,010	17,132	425,708	438,833
Required Rate of Return (Req'd Return/Est Rate Base)	1.72%	0.09%	2.19%	2.01%

East Hants Water Utility Response to IR's
Calculation of Revenue Required for Each Billing/Cost Category
2026/27

	Total Revenue Required	Fire Protection Revenue	Revenue Required from Metered Rates	Charge				Commodity Charge			
				Customer		Base		Delivery		Production	
Source of Supply	37,086	3,709	33,377							100%	33,377
Power and Pumping	396,821	39,682	357,139							100%	357,139
Water Treatment	867,393	86,739	780,654							100%	780,654
Transmission and Distribution	1,192,501	341,392	851,109			0%	0	100%	851,109		
Adminstration and General	465,699	46,570	419,129	10%	41,913	90%	377,216	0%	0		
Depreciation	610,265	174,708	435,557			64%	278,756	18%	78,400	18%	78,400
Taxes	0	0	0			100%	0				
Return on Rate Base	17,132	4,905	12,227			40%	4,891	30%	3,668	30%	3,668
SUBTOTAL	3,586,897	697,705	2,889,192		41,913		660,864		933,177		1,253,238
							-				-
TOTAL	3,586,897	697,705	2,889,192		41,913		660,864		933,177		1,253,238

East Hants Water Utility Response to IR's
Calculation of Revenue Required for Each Billing/Cost Category
2027/28

	Total Revenue Required	Fire Protection Revenue	Revenue Required from Metered Rates	Charge				Commodity Charge			
				Customer		Base		Delivery		Production	
Source of Supply	37,813	3,781	34,032							100%	34,032
Power and Pumping	406,712	40,671	366,041							100%	366,041
Water Treatment	892,034	89,203	802,831							100%	802,831
Transmission and Distribution	1,137,720	333,077	804,642			0%	0	100%	804,642		
Adminstration and General	477,204	47,720	429,484	10%	42,948	90%	386,535	0%	0		
Depreciation	639,814	187,311	452,503			40%	181,001	30%	135,751	30%	135,751
Taxes	0	0	0			100%	0				
Return on Rate Base	425,708	124,630	301,078			40%	120,431	30%	90,324	30%	90,324
SUBTOTAL	4,017,005	826,394	3,190,611		42,948		687,968		1,030,717		1,428,978
TOTAL	4,017,005	826,394	3,190,611		42,948		687,968		1,030,717		1,428,978

East Hants Water Utility Response to IR's
Calculation of Revenue Required for Each Billing/Cost Category
2028/29

	Total Revenue Required	Fire Protection Revenue	Revenue Required from Metered Rates	Charge				Commodity Charge			
				Customer		Base		Delivery		Production	
Source of Supply	38,947	3,895	35,053							100%	35,053
Power and Pumping	418,894	41,889	377,005							100%	377,005
Water Treatment	918,794	91,879	826,915							100%	826,915
Transmission and Distribution	1,175,673	368,046	807,626			0%	0	100%	807,626		
Adminstration and General	491,521	49,152	442,369	10%	44,237	90%	398,132	0%	0		
Depreciation	712,262	222,975	489,287			40%	195,715	30%	146,786	30%	146,786
Taxes	0	0	0			100%	0				
Return on Rate Base	438,833	137,377	301,456			40%	120,582	30%	90,437	30%	90,437
SUBTOTAL	4,194,925	915,214	3,279,710		44,237		714,429		1,044,849		1,476,195
TOTAL	4,194,925	915,214	3,279,710		44,237		714,429		1,044,849		1,476,195

East Hants Water Utility Response to IR's
Service Connections and Equivalents
2026/27

Meter Size	Number of Services	Capacity Ratio	System Equivalents
5/8"	3158	1	3,158
3/4"	21	1.5	32
1"	58	2.5	145
1.5"	31	5	155
2"	22	8	176
3"	3	16	48
4"	1	25	25
6"	0	50	0
TOTAL	3294		3,739

East Hants Water Utility Response to IR's
Service Connections and Equivalents
2027/28

Meter Size	Number of Services	Capacity Ratio	System Equivalents
5/8"	3243	1	3,243
3/4"	21	1.5	32
1"	58	2.5	145
1.5"	33	5	165
2"	22	8	176
3"	3	16	48
4"	1	25	25
6"	0	50	0
TOTAL	3381		3,834

East Hants Water Utility Response to IR's
Service Connections and Equivalents
2028/29

Meter Size	Number of Services	Capacity Ratio	System Equivalents
5/8"	3328	1	3,328
3/4"	21	1.5	32
1"	58	2.5	145
1.5"	35	5	175
2"	22	8	176
3"	3	16	48
4"	1	25	25
6"	0	50	0
TOTAL	3468		3,929

East Hants Water Utility Response to IR's
Service Connections and Equivalents
2026/27

Meter Size	Capacity Ratio	Base Charge	Customer Charge	Total Base Charge	
				Annual	Quarterly
5/8"	1	176.77	12.72	189.50	47.37
3/4"	1.5	265.16	12.72	277.88	69.47
1"	2.5	441.93	12.72	454.65	113.66
1.5"	5	883.86	12.72	896.59	224.15
2"	8	1,414.18	12.72	1,426.90	356.73
3"	16	2,828.36	12.72	2,841.08	710.27
4"	25	4,419.31	12.72	4,432.03	1,108.01
6"	50	8,838.62	12.72	8,851.34	2,212.84

East Hants Water Utility Response to IR's
Service Connections and Equivalents
2027/28

Meter Size	Capacity Ratio	Base Charge	Customer Charge	Total Base Charge	
				Annual	Quarterly
5/8"	1	179.46	12.70	192.16	48.04
3/4"	1.5	269.19	12.70	281.90	70.47
1"	2.5	448.66	12.70	461.36	115.34
1.5"	5	897.31	12.70	910.01	227.50
2"	8	1,435.70	12.70	1,448.40	362.10
3"	16	2,871.39	12.70	2,884.10	721.02
4"	25	4,486.55	12.70	4,499.25	1,124.81
6"	50	8,973.10	12.70	8,985.81	2,246.45

East Hants Water Utility Response to IR's
Service Connections and Equivalents
2028/29

Meter Size	Capacity Ratio	Base Charge	Customer Charge	Total Base Charge	
				Annual	Quarterly
5/8"	1	181.86	12.76	194.61	48.65
3/4"	1.5	272.79	12.76	285.54	71.39
1"	2.5	454.65	12.76	467.40	116.85
1.5"	5	909.29	12.76	922.05	230.51
2"	8	1,454.86	12.76	1,467.62	366.91
3"	16	2,909.73	12.76	2,922.49	730.62
4"	25	4,546.45	12.76	4,559.21	1,139.80
6"	50	9,092.90	12.76	9,105.66	2,276.41

Worksheet C-5

15-Dec-25

East Hants Water Utility Response to IR's
Water Consumption by Block

Meter Size	2025/26 Consumption Cubic Meters	2026/27 Consumption Cubic Meters
5/8"	445,298	455,279
3/4"	8,022	8,022
1"	30,479	30,479
1.5"	42,721	45,667
2"	58,348	61,265
3"	38,268	38,268
4"	6,307	6,307
6"	-	0
TOTAL	629,443	645,288

East Hants Water Utility Response to IR's
Water Consumption by Block

Meter Size	2027/28 Current Consumption Cubic Meters	2028/29 Consumption Cubic Meters
5/8"	465,211	475,092
3/4"	8,022	8,022
1"	30,479	30,479
1.5"	48,614	51,560
2"	61,265	61,265
3"	38,268	38,268
4"	6,307	6,307
6"	0	0
TOTAL	658,166	670,994

Worksheet C-7

15-Dec-25

East Hants Water Utility Response to IR's
Calculation of Consumption Charge
2026/27

NET PRODUCTION EXPENSE	BLOCK 1
Total Charge Worksheet C-3 / Quantity Worksheet C-6	1.94
NET DELIVERY EXPENSES	
Total Charge Worksheet C-3 / Quantity Worksheet C-6	1.45
TOTAL CONSUMPTION CHARGE PER CUBIC METER	**3.39**

East Hants Water Utility Response to IR's
Calculation of Consumption Charge
2027/28

NET PRODUCTION EXPENSE	BLOCK 1
Total Charge Worksheet C-3 / Quantity Worksheet C-6	2.17
NET DELIVERY EXPENSES	
Total Charge Worksheet C-3 / Quantity Worksheet C-6	1.57
TOTAL CONSUMPTION CHARGE PER CUBIC METER	**3.74**

East Hants Water Utility Response to IR's
Calculation of Consumption Charge
2028/29

NET PRODUCTION EXPENSE	BLOCK 1
Total Charge Worksheet C-3 / Quantity Worksheet C-6	2.20
NET DELIVERY EXPENSES	
Total Charge Worksheet C-3 / Quantity Worksheet C-6	1.56
TOTAL CONSUMPTION CHARGE PER CUBIC METER	**3.76**

Worksheet C-8 15-Dec-25

East Hants Water Utility Response to IR's
Water Consumption by Block
2026/27

BASE CHARGE

Meter Size	Number	Base Rate	Dollar Revenue
5/8"	3,158	189.50	598,430
3/4"	21	277.88	5,836
1"	58	454.65	26,370
1.5"	31	896.59	27,794
2"	22	1,426.90	31,392
3"	3	2,841.08	8,523
4"	1	4,432.03	4,432
6"	0	8,851.34	0
	TOTAL BASE REVENUE		702,776

CONSUMPTION CHARGE

	Quantity	$/ cubic meter	
1st Block	645,288	3.39	2,186,416
	TOTAL CONSUMPTION REVENUE		2,186,416
TOTAL OPERATING REVENUES FOR YEAR (BASE + CONSUMPTION)			2,889,192

East Hants Water Utility Response to IR's
Water Consumption by Block
2027/28

BASE CHARGE

Meter Size	Number	Base Rate	Dollar Revenue
5/8"	3,243	192.16	623,191
3/4"	21	281.90	5,920
1"	58	461.36	26,759
1.5"	33	910.01	30,030
2"	22	1,448.40	31,865
3"	3	2,884.10	8,652
4"	1	4,499.25	4,499
6"	0	8,985.81	0
	TOTAL BASE REVENUE		730,916

CONSUMPTION CHARGE

	Quantity	$/ cubic meter	
1st Block	658,166	3.74	2,459,694
	TOTAL CONSUMPTION REVENUE		2,459,694
TOTAL OPERATING REVENUES FOR YEAR (BASE + CONSUMPTION)			3,190,611

East Hants Water Utility Response to IR's
Water Consumption by Block
2028/29

BASE CHARGE

Meter Size	Number	Base Rate	Dollar Revenue
5/8"	3,328	194.61	647,675
3/4"	21	285.54	5,996
1"	58	467.40	27,109
1.5"	35	922.05	32,272
2"	22	1,467.62	32,288
3"	3	2,922.49	8,767
4"	1	4,559.21	4,559
6"	0	9,105.66	0
	TOTAL BASE REVENUE		758,666

CONSUMPTION CHARGE

	Quantity	$/ cubic meter	
1st Block	670,994	3.76	2,521,044
	TOTAL CONSUMPTION REVENUE		2,521,044

TOTAL OPERATING REVENUES FOR YEAR (BASE + CONSUMPTION) 3,279,710

East Hants Water Utility Response to IR's
Calculation of Bulk Water Rate
Years Ending March 31st

Cost Base	2025/26	2026/27	2027/28	2028/29
Total Operating Expenses (Worksheet B-2)	3,537,000	3,569,765	3,591,297	3,756,092
Total Non Operating Expenses (Worksheet B-2)	675,885	686,507	635,083	643,208
Total Expenses	4,212,885	4,256,272	4,226,380	4,399,300
Water Consumption (Worksheet C-6) in cubic meters	629,443	645,288	658,166	670,994
Unit Calculations				
Unit cost per cubic meter	6.69	6.60	6.42	6.56
Operating cost mark-up	20%	20%	20%	20%
Bulk rate per cubic meter	**8.03**	**7.92**	**7.71**	**7.87**

East Hants Water Utility Response to IR's
Comparison of Current Water Rates with Proposed New Rates
2026/27

Meter Size	Average Quarterly Consumption	Base Charge		Percent	Commodity Charge		Percent	Quarterly Water Bill		Quarterly Charge	Percent
		Current	Proposed	Change	Current	Proposed	Change	Current	Proposed	Change	Change
5/8"	36	47.00	47.37	0.8%	97.67	122.12	25.0%	144.67	169.49	24.82	17.2%
3/4"	96	69.01	69.47	0.7%	258.81	323.58	25.0%	327.82	393.05	65.24	19.9%
1"	131	113.02	113.66	0.6%	356.03	445.14	25.0%	469.05	558.80	89.75	19.1%
1.5"	368	223.05	224.15	0.5%	998.05	1,247.85	25.0%	1,221.10	1,472.00	250.90	20.5%
2"	696	355.09	356.73	0.5%	1,886.70	2,358.91	25.0%	2,241.79	2,715.64	473.85	21.1%
3"	3,189	707.18	710.27	0.4%	8,642.19	10,805.22	25.0%	9,349.37	11,515.49	2,166.12	23.2%
4"	1,577	1,094.34	1,108.01	1.2%	4,272.99	5,342.47	25.0%	5,367.33	6,450.48	1,083.14	20.2%
6"	-	-	2,212.84	0.0%	-	-	0.0%	-	-	-	0.0%

East Hants Water Utility Response to IR's
Comparison of Current Water Rates with Proposed New Rates
2027/28

Meter Size	Average Quarterly Consumption	Base Charge		Percent	Commodity Charge		Percent	Quarterly Water Bill		Quarterly Charge	Percent
		Current	Proposed	Change	Current	Proposed	Change	Current	Proposed	Change	Change
5/8"	36	47.37	48.04	1.4%	122.12	134.03	9.7%	169.49	182.07	12.57	7.4%
3/4"	96	69.47	70.47	1.4%	323.58	356.90	10.3%	393.05	427.38	34.32	8.7%
1"	131	113.66	115.34	1.5%	445.14	490.97	10.3%	558.80	606.31	47.51	8.5%
1.5"	368	224.15	227.50	1.5%	1,247.85	1,376.35	10.3%	1,472.00	1,603.85	131.86	9.0%
2"	696	356.73	362.10	1.5%	2,358.91	2,601.83	10.3%	2,715.64	2,963.93	248.29	9.1%
3"	3,189	710.27	721.02	1.5%	10,805.22	11,917.92	10.3%	11,515.49	12,638.94	1,123.45	9.8%
4"	1,577	1,108.01	1,124.81	1.5%	5,342.47	5,892.62	10.3%	6,450.48	7,017.44	566.96	8.8%
6"	-	2,212.84	2,246.45	1.5%	-	-	0.0%	2,212.84	2,246.45	-	0.0%

East Hants Water Utility Response to IR's
Comparison of Current Water Rates with Proposed New Rates
2028/29

Meter Size	Average Quarterly Consumption	Base Charge		Percent	Commodity Charge		Percent	Quarterly Water Bill		Quarterly Charge	Percent
		Current	Proposed	Change	Current	Proposed	Change	Current	Proposed	Change	Change
5/8"	36	48.04	48.65	1.3%	134.03	134.09	0.0%	182.07	182.74	0.68	0.4%
3/4"	96	70.47	71.39	1.3%	356.90	358.81	0.5%	427.38	430.20	2.82	0.7%
1"	131	115.34	116.85	1.3%	490.97	493.60	0.5%	606.31	610.45	4.14	0.7%
1.5"	368	227.50	230.51	1.3%	1,376.35	1,383.71	0.5%	1,603.85	1,614.22	10.37	0.6%
2"	696	362.10	366.91	1.3%	2,601.83	2,615.74	0.5%	2,963.93	2,982.65	18.72	0.6%
3"	3,189	721.02	730.62	1.3%	11,917.92	11,981.65	0.5%	12,638.94	12,712.27	73.32	0.6%
4"	1,577	1,124.81	1,139.80	1.3%	5,892.62	5,924.13	0.5%	7,017.44	7,063.94	46.50	0.7%
6"	-	2,246.45	2,276.41	1.3%	-	-	0.0%	2,246.45	2,276.41	-	0.0%

Worksheet D-2

15-Dec-25

East Hants Water Utility Response to IR's
Comparitive Statement of Operations
Fiscal Years ending March 31st

		Projection Using Proposed Rates		
	2025/26 Year	2026/27 Test Yr 1	2027/28 Test Yr 2	2028/29 Test Yr 3
OPERATING REVENUES				
Metered Sales	2,424,900	2,889,192	3,190,611	3,279,710
Public Fire Protection	711,098	697,705	826,394	915,214
Total	**3,135,998**	**3,586,897**	**4,017,005**	**4,194,925**
OPERATING EXPENDITURES				
Source of Supply	181,111	37,086	37,813	38,947
Power and Pumping	418,012	396,821	406,712	418,894
Water Treatment	848,092	867,393	892,034	918,794
Transmission and Distribution	1,030,078	1,192,501	1,137,720	1,175,673
Administration and General	478,290	465,699	477,204	491,521
Depreciation	581,417	610,265	639,814	712,262
Taxes	0	0	0	0
Total	**3,537,000**	**3,569,765**	**3,591,297**	**3,756,092**
LESS NON-OPERATING REVENUES				
Bulk Water Sales	245,000	175,000	175,000	175,000
Miscellaneous Income	24,375	24,375	24,375	24,375
Total	**269,375**	**199,375**	**199,375**	**199,375**
OTHER OPERATING REVENUES				
Interest	20,000	20,000	10,000	5,000
Transfer from Operating Surplus	0	450,000	0	0
Other	67,500	0	0	0
Total	**87,500**	**470,000**	**10,000**	**5,000**
NON-OPERATING EXPENDITURES				
Debt Charges - Principal	430,253	431,102	435,079	473,903
Debt Charges - Interest	197,417	189,690	134,328	107,580
New Debt - Principal	0	0	0	0
New Debt - Interest	0	0	0	0
New Debt - Principal	0	0	0	0
New Debt - Interest	0	0	0	0
New Debt - Principal	0	0	0	0
New Debt - Interest	0	0	0	0
Interest on Short Term borrowings	0	0	0	0
Discount on Debenture Issue	0	0	0	0
Bank and Finance Charges	10,715	10,715	10,676	6,725
Capital out of Revenue	37,500	55,000	55,000	55,000
Earnings	0	0	0	0
Dividend to Owner	0	0	0	0
Total	**675,885**	**686,507**	**635,083**	**643,208**
EXCESS (DEFICIENCY) OF REVENUES OVER EXPENDITURES	**(720,012)**	**0**	**0**	**0**
SURPLUS AT BEGINNING OF YEAR	**1,218,018**	**498,006**	**48,006**	**48,006**
TRANSFER TO NON-OPERATING REVENUE		**(450,000)**	**-**	**-**
DEFICIT AT END OF YEAR	**498,006**	**48,006**	**48,006**	**48,006**

Appendix 1

Loan Calculator
Long Term Debt
2025/26

Interest Rate		**6.0%**
Term in years		**20**
Capital	**$**	**-**

Payment Schedule

	Principal	Interest	Total	Balance
Year				
1	$0.00	-	-	-
2	$0.00	-	-	-
3	$0.00	-	-	-
4	$0.00	-	-	-
5	$0.00	-	-	-
6	$0.00	-	-	-
7	$0.00	-	-	-
8	$0.00	-	-	-
9	$0.00	-	-	-
10	$0.00	-	-	-
11	$0.00	-	-	-
12	$0.00	-	-	-
13	$0.00	-	-	-
14	$0.00	-	-	-
15	$0.00	-	-	-
16	$0.00	-	-	-
17	$0.00	-	-	-
18	$0.00	-	-	-
19	$0.00	-	-	-
20	$0.00	-	-	-

Loan Calculator
Long Term Debt
2026/27

Interest Rate		**6.0%**
Term in years		**20**
Capital	**$**	**-**

Payment Schedule for Capital Works

	Principal	Interest	Total	Balance
Year				
1	$0.00	$0.00	-	-
2	$0.00	$0.00	-	-
3	$0.00	$0.00	-	-
4	$0.00	$0.00	-	-
5	$0.00	$0.00	-	-
6	$0.00	$0.00	-	-
7	$0.00	$0.00	-	-
8	$0.00	$0.00	-	-
9	$0.00	$0.00	-	-
10	$0.00	$0.00	-	-
11	$0.00	$0.00	-	-
12	$0.00	$0.00	-	-
13	$0.00	$0.00	-	-
14	$0.00	$0.00	-	-
15	$0.00	$0.00	-	-
16	$0.00	$0.00	-	-
17	$0.00	$0.00	-	-
18	$0.00	$0.00	-	-
19	$0.00	$0.00	-	-
20	$0.00	$0.00	-	-

Loan Calculator
Long Term Debt
2027/28

Interest Rate		**6.0%**
Term in years		**20**
Capital	**$**	**-**

Payment Schedule for Capital Works

	Principal	Interest	Total	Balance
Year				
1	$0.00	$0.00	-	-
2	$0.00	$0.00	-	-
3	$0.00	$0.00	-	-
4	$0.00	$0.00	-	-
5	$0.00	$0.00	-	-
6	$0.00	$0.00	-	-
7	$0.00	$0.00	-	-
8	$0.00	$0.00	-	-
9	$0.00	$0.00	-	-
10	$0.00	$0.00	-	-
11	$0.00	$0.00	-	-
12	$0.00	$0.00	-	-
13	$0.00	$0.00	-	-
14	$0.00	$0.00	-	-
15	$0.00	$0.00	-	-
16	$0.00	$0.00	-	-
17	$0.00	$0.00	-	-
18	$0.00	$0.00	-	-
19	$0.00	$0.00	-	-
20	$0.00	$0.00	-	-

Loan Calculator
Long Term Debt
2028/29

Interest Rate		**6.0%**
Term in years		**20**
Capital	**$**	**-**

Payment Schedule for Capital Works

	Principal	Interest	Total	Balance
Year				
1	$0.00	$0.00	-	-
2	$0.00	$0.00	-	-
3	$0.00	$0.00	-	-
4	$0.00	$0.00	-	-
5	$0.00	$0.00	-	-
6	$0.00	$0.00	-	-
7	$0.00	$0.00	-	-
8	$0.00	$0.00	-	-
9	$0.00	$0.00	-	-
10	$0.00	$0.00	-	-
11	$0.00	$0.00	-	-
12	$0.00	$0.00	-	-
13	$0.00	$0.00	-	-
14	$0.00	$0.00	-	-
15	$0.00	$0.00	-	-
16	$0.00	$0.00	-	-
17	$0.00	$0.00	-	-
18	$0.00	$0.00	-	-
19	$0.00	$0.00	-	-
20	$0.00	$0.00	-	-

SCHEDULES A, B, AND C
RATES AND CHARGES

SCHEDULE "A"
EAST HANTS WATER UTILITY
SCHEDULE OF RATES FOR WATER AND WATER SERVICE

(Effective for water supplied on and after 1 April, 2026)

RATES

The rates set out below are the rates approved by the Board for water and water services when payment is made within 30 days from the date rendered as shown on the bill.

An interest rate of 1% per month will be charged on all outstanding accounts at the end or each calendar month.

Each bill shall show the amount payable withing twenty (20) days from the date rendered as shown on the bill.

In this Schedule, the word "Utility" means the East Hants Water Utility.

1. RATES:

(a) Base Charges

Size of Meter	Quarterly
5/8"	47.37
3/4"	69.47
1"	113.66
1.5"	224.15
2"	356.73
3"	710.27
4"	1,108.01
6"	2,212.84

(b)	Consumption Rate (per cubic meter)	$ 3.39	per cubic meter
		$ 15.38	per 1,000 imp. gallons
(c)	Bulk Water Rate	$ 7.92	per cubic meter
		$ 35.93	per 1,000 imp. gallons

(d) Minimum Bill

The minimum bill shall be the Base Charge.

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2. BULK WATER METER

Bulk water can only be obtained by customers who have a FOB key and an account on which financial credits have been applied, A refundable deposit of $30.00 shall be collected by the Utility when a FOB key is provided to a customer. The $30.00 deposit shall be returned to the customer upon receipt of the FOB key to the Utility, following verification that the FOB key is in good working order. Lost or Stolen FOBs are the responsibility of the customer; failure to return the FOB to the Utility will result in default of the customer's deposit.

3. PUBLIC FIRE PROTECTION RATE

The total fire Protection Charge shall be $697,705 per year. The Municipality of the District of East Hants shall pay the East Hants Water Utility quarterly for fire protection services the amount of $174,426. The account shall be payable within 30 days of the date rendered.

4. RATES FOR SPRINKLER SERVICE

Each building having a sprinkler system installed shall pay annually for the service as follows:

Each building serviced by a sprinkler service pipe of 6" or less in diameter	$360.00
Each building serviced by a sprinkler service pipe of 8" or more in diameter	$480.00

The customer shall be responsible for the supply and installation, including all costs, of a sprinkler service pipe from the main in the street to the building, including a proper size control valve so that the service may be shut off, if necessary. All materials and procedures shall meet Utility standards. The Utility shall inspect the installation of same. The portions of the service pipe that extends from the main to the street line shall become the property of the Utility, and this portion shall be maintained and eventually replaced by the Utility when necessary.(See also the "Sprinkler Service Mains and Hydrant System" in the Schedule or Rules and Regulations.)

5. PRIVATE HYDRANT RATES

Privately owned hydrants supplied with water from the Utility's system through a connection which is not metered. (See also the "Sprinkler Service Mains and Hydrant System" in the Schedule or Rules and Regulations.)

Per hydrant per year	$250.00.

6. WATER FOR BUILDINGS OR WORKS UNDER CONSTRUCTION

The Utility may furnish water to any person requiring a supply thereof for the construction of a building or other works. This person shall deposit with the Utility such sum as may be determined by the Utility as is sufficient to defray the cost of making the necessary

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connection to any water service or main together with the cost of the meter to be installed to measure the water consumed. Upon completion of the work and the return of the meter to the Utility, a refund will be made after deducting the cost, if any, of repairing the meter and of testing the same and payment of the base and connection charges and the consumption rates in respect to such installation.

7. RATES FOR WATER SUPPLIED FROM FIRE HYDRANTS

Whenever the use of any fire hydrant is desired for supplying water for any purpose, excepting those of the Fire Department for fire use, the Utility may grant a permit containing such terms and conditions as it considers necessary, including arrangements regarding supervision of the opening and closing of the hydrant and the keeping of a record of the time such hydrant is used. A charge of $120.00 per permit shall be levied by the Utility plus consumption rate per Cubic meter (1,000 imperial gallons) as outlined in the rates. The Utility may also recover the cost of staff during supervision.

8. UNMETERED SERVICE

When circumstances require that a service connection is made without a meter, the minimum charge during the temporary service period shall be the Base Charge prorated according to the length of time the temporary service is required plus the Consumption Charge based on the average consumption for similar customers. A charge of $120.00 will apply for service connection.

9. CONNECTION / DISCONNECTION / RECONNECTION FEE

The Utility shall charge a $30.00 fee for the creation of a water account, notwithstanding the fact that no physical disconnection of the system may have occurred.

The Utility shall charge a $50.00 fee for the installation of a meter or inspection thereof notwithstanding the fact that no physical disconnection of the system may have occurred. This fee shall be $240.00 when a water is installed, or inspection performed, after normal working hours of the Utility.

If a customer requests a meter replacement, not deemed necessary by the Utility, or if a customer requests a type of meter other than that deemed appropriate by the Utility (i.e. radio read vs regular meter) the customer shall be responsible for the full cost of the meter in addition to the installation fee.

When water service has been suspended for any violation of the Rules and Regulations of the Utility, such water service shall not be re-established until a reconnection charge has been paid to the Utility. The fee shall be $60.00 for the first violations and $100.00 for successive violations within a period of one year. The fee shall be $240.00 if done after normal working hours of the Utility.

10. CHARGE FOR NON-NEGOTIABLE CHEQUES

The Utility may charge a $30.00 administration fee for cheques that, due to non-negotiability, have been rejected by the Utility's bank, of for payment through a pre-authorized payment plan which has been reversed or dishonored by the bank/financial institution.

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11. CHARGE FOR USE OF INVESTIGATOR / COLLECTOR

The Utility may charge a $30.00 fee for each visit by the Investigator/Collector to a customer whose account is being disputed or whose account is past due if it is determined that the account is correct.

12. CHARGE FOR MISSED APPOINTMENT BY CUSTOMERS

Where an appointment has been made by a customer to have a water service hooked up or a meter inspected, or water turned on to a property, or other visits to the property for the inception or maintenance of water service to the property, and the customer fails to keep the appointment or the plumbing is not completed to allow for installation of a water meter and the Utility's staff have to return to the property, there may be a charge of $30.00 for each visit if, in the judgment of the Utility, it is required.

13. THEFT OF SERVICE

The Utility may impose penalties in addition to charges for service approved by these Regulations for each unauthorized water connection, as follows:

First incident	$350.00
Second incident, and each incident thereafter	$700.00

14. CHARGE FOR UNAUTHORIZED EXTENSIONS, ADDITIONS OR CONNECTIONS

The cost of removing the unauthorized extensions additions or connections including labour and materials together with any applicable charges including an estimate of the water used together with a $200.00 service fee shall be paid by those who made the unauthorized connection.

15. CHARGE FOR METER TESTING

When a customer requests to have a meter tested for accuracy the Utility may charge $100.00 for the testing for meters up to 1 ½" inches (37.5mm) in size. For meters greater than 1 ½ inches (37.5mm) the customer shall pay the actual cost of the testing.

16. SPECIAL SERVICE CHARGE:

A special service charge of $50.00 ($200.00 if such work is performed after regular working hours) shall be made to each customer receiving a necessary or requested service, such as the shutting off or turning on of water service or other special services not provided for elsewhere in the schedules or the rules and regulations. In the case where the shutting off is requested because there is no operable shut off valve serving the dwelling, an isolation valve must be installed at the customer's expense.

Despite subsection 9 where suspension of service is for non-payment only, the fees set out therein respecting connections or disconnection of service during regular working hours do not apply. There will only be one charge of $50.00 for disconnection and reconnection once per year or in any 12 month period, otherwise, it is $50.00 per visit.

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17. CHARGE FOR WATER BILL COPIES:

The Utility may charge a fee of $10.00 for every water bill copy issued outside of the regular billing cycle.

18. HST CHARGE:

HST will be added to all fees as required by law.

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SCHEDULE "B"
EAST HANTS WATER UTILITY
SCHEDULE OF RATES FOR WATER AND WATER SERVICE

(Effective for water supplied on and after 1 April, 2027)

RATES

The rates set out below are the rates approved by the Board for water and water services when payment is made within 30 days from the date rendered as shown on the bill.

An interest rate of 1% per month will be charged on all outstanding accounts at the end or each calendar month.

Each bill shall show the amount payable withing twenty (20) days from the date rendered as shown on the bill.

In this Schedule, the word "Utility" means the East Hants Water Utility.

1. RATES:

(a) Base Charges

Size of Meter	Quarterly
5/8"	48.04
3/4"	70.47
1"	115.34
1.5"	227.50
2"	362.10
3"	721.02
4"	1,124.81
6"	2,246.45

(b)	Consumption Rate (per cubic meter)	$ 3.74	per cubic meter
		$ 16.97	per 1,000 imp. gallons
(c)	Bulk Water Rate	$ 7.71	per cubic meter
		$ 34.98	per 1,000 imp. gallons

(d) Minimum Bill

The minimum bill shall be the Base Charge.

2. BULK WATER METER

Bulk water can only be obtained by customers who have a FOB key and an account on which financial credits have been applied, A refundable deposit of $30.00 shall be collected by the Utility when a FOB key is provided to a customer. The $30.00 deposit shall be returned to the customer upon receipt of the FOB key to the Utility, following verification that the FOB key is in good working order. Lost or Stolen FOBs are the responsibility of the customer; failure to return the FOB to the Utility will result in default of the customer's deposit.

3. PUBLIC FIRE PROTECTION RATE

The total fire Protection Charge shall be $826,394 per year. The Municipality of the District of East Hants shall pay the East Hants Water Utility quarterly for fire protection services the amount of $206,598. The account shall be payable within 30 days of the date rendered.

4. RATES FOR SPRINKLER SERVICE

Each building having a sprinkler system installed shall pay annually for the service as follows:

Each building serviced by a sprinkler service pipe of 6" or less in diameter	$360.00
Each building serviced by a sprinkler service pipe of 8" or more in diameter	$480.00

The customer shall be responsible for the supply and installation, including all costs, of a sprinkler service pipe from the main in the street to the building, including a proper size control valve so that the service may be shut off, if necessary. All materials and procedures shall meet Utility standards. The Utility shall inspect the installation of same. The portions of the service pipe that extends from the main to the street line shall become the property of the Utility, and this portion shall be maintained and eventually replaced by the Utility when necessary. (See also the "Sprinkler Service Mains and Hydrant System" in the Schedule or Rules and Regulations.)

5. PRIVATE HYDRANT RATES

Privately owned hydrants supplied with water from the Utility's system through a connection which is not metered. (See also the "Sprinkler Service Mains and Hydrant System" in the Schedule or Rules and Regulations.)

Per hydrant per year	$250.00

6. WATER FOR BUILDINGS OR WORKS UNDER CONSTRUCTION

The Utility may furnish water to any person requiring a supply thereof for the construction of a building or other works. This person shall deposit with the Utility such sum as may be determined by the Utility as is sufficient to defray the cost of making the necessary connection to any water service or main together with the cost of the meter to be installed

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to measure the water consumed. Upon completion of the work and the return of the meter to the Utility, a refund will be made after deducting the cost, if any, of repairing the meter and of testing the same and payment of the base and connection charges and the consumption rates in respect to such installation.

7. RATES FOR WATER SUPPLIED FROM FIRE HYDRANTS

Whenever the use of any fire hydrant is desired for supplying water for any purpose, excepting those of the Fire Department for fire use, the Utility may grant a permit containing such terms and conditions as it considers necessary, including arrangements regarding supervision of the opening and closing of the hydrant and the keeping of a record of the time such hydrant is used. A charge of $120.00 per permit shall be levied by the Utility plus consumption rate per Cubic meter (1,000 imperial gallons) as outlined in the rates. The Utility may also recover the cost of staff during supervision.

8. UNMETERED SERVICE

When circumstances require that a service connection is made without a meter, the minimum charge during the temporary service period shall be the Base Charge prorated according to the length of time the temporary service is required plus the Consumption Charge based on the average consumption for similar customers. A charge of $120.00 will apply for service connection.

9. CONNECTION / DISCONNECTION / RECONNECTION FEE

The Utility shall charge a $30.00 fee for the creation of a water account, notwithstanding the fact that no physical disconnection of the system may have occurred.

The Utility shall charge a $50.00 fee for the installation of a meter or inspection thereof notwithstanding the fact that no physical disconnection of the system may have occurred. This fee shall be $240.00 when a water is installed, or inspection performed, after normal working hours of the Utility.

If a customer requests a meter replacement, not deemed necessary by the Utility, or if the customer requests a type of meter other than that deemed appropriate by the Utility (i.e. radio read vs regular meter) the customer shall be responsible for the full cost of the meter in addition to the installation fee.

When water service has been suspended for any violation of the Rules and Regulations of the Utility, such water service shall not be re-established until a reconnection charge has been paid to the Utility. The fee shall be $60.00 for the first violations and $100.00 for successive violations within a period of one year. The fee shall be $240.00 if done after normal working hours of the Utility.

10. CHARGE FOR NON-NEGOTIABLE CHEQUES

The Utility may charge a $30.00 administration fee for cheques that, due to non-negotiability, have been rejected by the Utility's bank, of for payment through a pre-authorized payment plan which has been reversed or dishonored by the bank/financial institution.

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11. CHARGE FOR USE OF INVESTIGATOR / COLLECTOR

The Utility may charge a $30.00 fee for each visit by the Investigator/Collector to a customer whose account is being disputed or whose account is past due if it is determined that the account is correct.

12. CHARGE FOR MISSED APPOINTMENT BY CUSTOMERS

Where an appointment has been made by a customer to have a water service hooked up or a meter inspected, or water turned on to a property, or other visits to the property for the inception or maintenance of water service to the property, and the customer fails to keep the appointment or the plumbing is not completed to allow for installation of a water meter and the Utility's staff have to return to the property, there may be a charge of $30.00 for each visit if, in the judgment of the Utility, it is required.

13. THEFT OF SERVICE

The Utility may impose penalties in addition to charges for service approved by these Regulations for each unauthorized water connection, as follows:

First incident	$350.00
Second incident, and each incident thereafter	$700.00

14. CHARGE FOR UNAUTHORIZED EXTENSIONS, ADDITIONS OR CONNECTIONS

The cost of removing the unauthorized extensions additions or connections including labour and materials together with any applicable charges including an estimate of the water used together with a $200.00 service fee shall be paid by those who made the unauthorized connection.

15. CHARGE FOR METER TESTING

When a customer requests to have a meter tested for accuracy the Utility may charge $100.00 for the testing for meters up to 1 ½" inches (37.5mm) in size. For meters greater than 1 ½ inches (37.5mm) the customer shall pay the actual cost of the testing.

16. SPECIAL SERVICE CHARGE:

A special service charge of $50.00 ($200.00 if such work is performed after regular working hours) shall be made to each customer receiving a necessary or requested service, such as the shutting off or turning on of water service or other special services not provided for elsewhere in the schedules or the rules and regulations. In the case where the shutting off is requested because there is no operable shut off valve serving the dwelling, an isolation valve must be installed at the customer's expense.

Despite subsection 9 where suspension of service is for non-payment only, the fees set out therein respecting connections or disconnection of service during regular working hours do not apply. There will only be one charge of $50.00 for disconnection and reconnection once per year or in any 12 month period, otherwise, it is $50.00 per visit.

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17. CHARGE FOR WATER BILL COPIES:

The Utility may charge a fee of $10.00 for every water bill copy issued outside of the regular billing cycle.

18. HST CHARGE:

HST will be added to all fees as required by law.

B

SCHEDULE "C"
EAST HANTS WATER UTILITY
SCHEDULE OF RATES FOR WATER AND WATER SERVICE

(Effective for water supplied on and after 1 April, 2028)

RATES

The rates set out below are the rates approved by the Board for water and water services when payment is made within 30 days from the date rendered as shown on the bill.

An interest rate of 1% per month will be charged on all outstanding accounts at the end or each calendar month.

Each bill shall show the amount payable withing twenty (20) days from the date rendered as shown on the bill.

In this Schedule, the word "Utility" means the East Hants Water Utility.

1. RATES:

(a) Base Charges

Size of Meter	Quarterly
5/8"	48.65
3/4"	71.39
1"	116.85
1.5"	230.51
2"	366.91
3"	730.62
4"	1,139.80
6"	2,276.41

(b) Consumption Rate

$ 3.76 per cubic meter
$ 17.06 per 1,000 imp. gallons

(c) Bulk Water Rate

$ 7.87 per cubic meter
$ 35.72 per 1,000 imp. gallons

(d) Minimum Bill

The minimum bill shall be the Base Charge.

2. BULK WATER METER

Bulk water can only be obtained by customers who have a FOB key and an account on which financial credits have been applied, A refundable deposit of $30.00 shall be collected by the Utility when a FOB key is provided to a customer. The $30.00 deposit shall be returned to the customer upon receipt of the FOB key to the Utility, following verification that the FOB key is in good working order. Lost or Stolen FOBs are the responsibility of the customer; failure to return the FOB to the Utility will result in default of the customer's deposit.

3. PUBLIC FIRE PROTECTION RATE

The total fire Protection Charge shall be $915,214 per year. The Municipality of the District of East Hants shall pay the East Hants Water Utility quarterly for fire protection services the amount of $228,804. The account shall be payable within 30 days of the date rendered.

For subsequent years, the annual public fire protection rate shall be based on the above or:

(a) the sum of 31.3% of Transmission and Distribution, Taxes and Depreciation expenses of the Utility, and 31.3% of the sum of the (Non-Operating Expenditures less the Non-Operating Revenue less Other Operating Revenue of the immediately preceding year), plus

(b) 10 % of all other expenses,

whichever is the greater.

4. RATES FOR SPRINKLER SERVICE

Each building having a sprinkler system installed shall pay annually for the service as follows:

Each building serviced by a sprinkler service pipe of 6" or less in diameter	$360.00
Each building serviced by a sprinkler service pipe of 8" or more in diameter	$480.00

The customer shall be responsible for the supply and installation, including all costs, of a sprinkler service pipe from the main in the street to the building, including a proper size control valve so that the service may be shut off, if necessary. All materials and procedures shall meet Utility standards. The Utility shall inspect the installation of same. The portions of the service pipe that extends from the main to the street line shall become the property of the Utility, and this portion shall be maintained and eventually replaced by the Utility when necessary. (See also the "Sprinkler Service Mains and Hydrant System" in the Schedule or Rules and Regulations.)

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5. PRIVATE HYDRANT RATES

Privately owned hydrants supplied with water from the Utility's system through a connection which is not metered. (See also the "Sprinkler Service Mains and Hydrant System" in the Schedule or Rules and Regulations.)

Per hydrant per year	$250.00.

6. WATER FOR BUILDINGS OR WORKS UNDER CONSTRUCTION

The Utility may furnish water to any person requiring a supply thereof for the construction of a building or other works. This person shall deposit with the Utility such sum as may be determined by the Utility as is sufficient to defray the cost of making the necessary connection to any water service or main together with the cost of the meter to be installed to measure the water consumed. Upon completion of the work and the return of the meter to the Utility, a refund will be made after deducting the cost, if any, of repairing the meter and of testing the same and payment of the base and connection charges and the consumption rates in respect to such installation.

7. RATES FOR WATER SUPPLIED FROM FIRE HYDRANTS

Whenever the use of any fire hydrant is desired for supplying water for any purpose, excepting those of the Fire Department for fire use, the Utility may grant a permit containing such terms and conditions as it considers necessary, including arrangements regarding supervision of the opening and closing of the hydrant and the keeping of a record of the time such hydrant is used. A charge of $120.00 per permit shall be levied by the Utility plus consumption rate per Cubic meter (1,000 imperial gallons) as outlined in the rates. The Utility may also recover the cost of staff during supervision.

8. UNMETERED SERVICE

When circumstances require that a service connection is made without a meter, the minimum charge during the temporary service period shall be the Base Charge prorated according to the length of time the temporary service is required. A charge of $120.00 will apply for service connection.

9. CONNECTION / DISCONNECTION / RECONNECTION FEE

The Utility shall charge a $30.00 fee for the creation of a water account, notwithstanding the fact that no physical disconnection of the system may have occurred.

The Utility shall charge a $50.00 fee for the installation of a meter or inspection thereof notwithstanding the fact that no physical disconnection of the system may have occurred. This fee shall be $240.00 when a water is installed, or inspection performed, after normal working hours of the Utility.

If a customer requests a meter replacement, not deemed necessary by the Utility, or if the customer requests a type of meter other than that deemed appropriate by the Utility (i.e. radio read vs regular meter) the customer shall be responsible for the full cost of the meter in addition to the installation fee.

When water service has been suspended for any violation of the Rules and Regulations of the Utility, such water service shall not be re-established until a reconnection charge

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has been paid to the Utility. The fee shall be $60.00 for the first violations and $100.00 for successive violations within a period of one year. The fee shall be $240.00 if done after normal working hours of the Utility.

10. CHARGE FOR NON-NEGOTIABLE CHEQUES

The Utility may charge a $30.00 administration fee for cheques that, due to non-negotiability, have been rejected by the Utility's bank, of for payment through a pre-authorized payment plan which has been reversed or dishonored by the bank/financial institution.

11. CHARGE FOR USE OF INVESTIGATOR / COLLECTOR

The Utility may charge a $30.00 fee for each visit by the Investigator/Collector to a customer whose account is being disputed or whose account is past due if it is determined that the account is correct.

12. CHARGE FOR MISSED APPOINTMENT BY CUSTOMERS

Where an appointment has been made by a customer to have a water service hooked up or a meter inspected, or water turned on to a property, or other visits to the property for the inception or maintenance of water service to the property, and the customer fails to keep the appointment or the plumbing is not completed to allow for installation of a water meter and the Utility's staff have to return to the property, there may be a charge of $30.00 for each visit if, in the judgment of the Utility, it is required.

13. THEFT OF SERVICE

The Utility may impose penalties in addition to charges for service approved by these Regulations for each unauthorized water connection, as follows:

First incident	$350.00
Second incident, and each incident thereafter	$700.00

14. CHARGE FOR UNAUTHORIZED EXTENSIONS, ADDITIONS OR CONNECTIONS

The cost of removing the unauthorized extensions additions or connections including labour and materials together with any applicable charges including an estimate of the water used together with a $200.00 service fee shall be paid by those who made the unauthorized connection.

15. CHARGE FOR METER TESTING

When a customer requests to have a meter tested for accuracy the Utility may charge $100.00 for the testing for meters up to 1 ½" inches (37.5mm) in size. For meters greater than 1 ½ inches (37.5mm) the customer shall pay the actual cost of the testing.

16. SPECIAL SERVICE CHARGE:

A special service charge of $50.00 ($200.00 if such work is performed after regular working hours) shall be made to each customer receiving a necessary or requested service, such as the shutting off or turning on of water service or other special services not provided for

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elsewhere in the schedules or the rules and regulations. In the case where the shutting off is requested because there is no operable shut off valve serving the dwelling, an isolation valve must be installed at the customer's expense.

Despite subsection 9 where suspension of service is for non-payment only, the fees set out therein respecting connections or disconnection of service during regular working hours do not apply. There will only be one charge of $50.00 for disconnection and reconnection once per year or in any 12 month period, otherwise, it is $50.00 per visit.

17. CHARGE FOR WATER BILL COPIES:

The Utility may charge a fee of $10.00 for every water bill copy issued outside of the regular billing cycle.

18. HST CHARGE:

HST will be added to all fees as required by law.

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SCHEDULE D

RULES AND REGULATIONS

SCHEDULE D

MUNICIPALITY OF EAST HANTS
EAST HANTS WATER UTILITY

SCHEDULE OF RULES AND REGULATIONS
GOVERNING THE SUPPLY OF WATER AND WATER SERVICES
Effective 1 April 2026

1. **DEFINITIONS:** In these Rules and regulations, unless the context otherwise requires, the expression:

   "Municipality" means the Municipality of the District of East Hants.

   "Utility" means the East Hants Water Utility.

   "Engineer" means the Engineer of the Utility.

   "Customer" means a person, firm or corporation who, or which, contracts to be supplied with water at a specific location or locations.

   "Domestic Services" means the type of service supplied to the owner, his authorized agent or to the occupant or tenant of any space or area occupied for the distinct purpose of a dwelling house, rooming house, apartment flat, etc.

   "Commercial Service" means any type of service, other than domestic service, and public fire protection service as herein defined.

   "Metered Rate Service" means that type of service charged for at metered rates. Metered rate service is required for all new services.

2. **APPLICATION FOR SERVICE:** The Utility may, before rendering service, require a regular application form signed by the prospective customer.

3. **DEPOSITS**: When required, an applicant for water service shall deposit with the Utility a sum equal to the estimated charges for such service for a period of six months. The estimated charges will be based on either the residential or commercial base charge and the average annual consumption from the previous fiscal year. This deposit shall be held by the Utility as collateral security for the payment of the customer's bills, but is not to be considered as a payment on account thereof. When the customer ceases to use the water service and discharges all his liability to the Utility in respect of such service, the deposit shall be returned to him, with interest calculated on at 1%.

4. **REFUSAL OF SERVICE**: Service may be refused or suspended to any customer who has failed to discharge all of his liabilities to the Utility.

5. **PAYMENT OF BILLS**: Bills shall be rendered to each customer at intervals of approximately three months. All bills shall be payable within twenty (20) days after the date rendered, which date shall be clearly shown on the bill. Bills not paid within twenty (20) days of the date rendered, shall incur an interest charge of 1.0% per month or part thereof.

6. **ADJUSTMENT OF BILLS**:

(a) If the seal of a meter is broken or if a meter does not register correctly, the bill for that water service shall be estimated in accordance with the best data available. Any customer desiring to question an estimate of a water bill must do so in writing within thirty (30) days of the bill being rendered.

(b) Customers Under billed - Should it be necessary for the Utility to make a billing adjustment as a result of a customer being under billed for any reason, such adjustment shall be retroactive for a maximum of six billing periods or 18 months, whichever is the longer. Notwithstanding the above, in the event that a billing adjustment is the result of the customer's illegal connection to the water system or willful interference or damage of metering equipment, the billing adjustment in such circumstances will not be limited to 18 months or 6 billing periods, but rather the customer shall be responsible for all payments of such accounts from the date such illegal connection or interference to meter equipment took place.

(c) Customer Over billed – Should it become necessary for the Utility to make a billing adjustment as a result of a customer being over-billed for any reason, such adjustment will be estimated by the Utility based on the best available data from the prior period usage records for the ratepayer and the Utility will be responsible for payment of the over-billed amount with interest calculated on the basis current simple interest at a rate of prime less 2% as measured at the beginning of the most recent fiscal period of the Utility. Such period not to exceed five (5) years.

7. **LIABILITY FOR PAYMENT OF WATER BILL:** An agreement is deemed to exist between a customer and the Utility for the supply of water service at such rates and in accordance with these Regulations by virtue of:

a) the customer applying for and receiving approval for water service;

b) the customer consuming or paying for water service from the date that the customer who is a party to an agreement pursuant to clause (a) (the customer of record) moves out of the premises, in which case the customer of record shall remain jointly and severally liable for the water service account up to the date the Utility is notified in writing that the customer of record wishes to terminate the supply of water service;

c) any person, business or corporation that receives water service without the consent of the Utility, shall be liable for the cost of such water service which cost shall be

determined in the sole discretion of the Utility based upon its reasonable estimate of the amount of water utilized;

d) a property owner who rents or leases a property or self-contained unit to a tenant or lessee shall be required to contract for the provision of water service at the address of the property rented or leased. At the discretion of the Utility the tenant or lessee may be permitted to contract for their own water service subject to Section 3.

8. **BILLING:** If a contract is entered into or terminated at any time other than a regular billing date, the amount to be charged to the customer shall be the pro rata proportion to the next billing date, of the regular service charge for the billing period, plus the consumption charge, if any.

The Utility charges the base rate for the entire year for seasonal customers. The quarterly base rate charge will apply for each quarter regardless of water turn-offs.

9. **ESTIMATED READINGS FOR BILLING PURPOSES - METERED CUSTOMERS:** If the Utility is unable to obtain a meter reading for billing purposes, after exercising due diligence in the usual practice of meter reading, the bill for that service shall be estimated in accordance with the best data available, subject, however, to the provision that in no circumstance will an estimated reading be used for more than three (3) consecutive billing periods. If an estimated bill is rendered for three (3) consecutive billing periods, the Utility shall notify the customer by regular mail that arrangements must be made for the Utility to obtain a reading and failing such arrangements, the Utility may suspend service until such arrangements are made. When such meter reading has been obtained the previous estimated bill or bills shall be adjusted accordingly.

10. **SUSPENSION OF SERVICE FOR NON PAYMENT BILLS**: The Utility shall have the right to enter onto customers' premises within reasonable hours to suspend service to customers whose bills remain unpaid for more than thirty (30) calendar days after the date rendered.

11. **RESUMPTION OF SERVICE:** The customer shall pay the reconnection fee as set out in the Schedule of Rates and Charges. Service suspension can be delayed if approved payment arrangements have been made and the customer is in compliance with arrangements.

12. **WATER TO BE SUPPLIED BY METER**: No water will be supplied to a Domestic Service or Commercial Service without a meter first being connected to the line except in emergency situations. Except where water is used for construction purposes from a hydrant under the supervision of the Utility and except as in these regulations otherwise provided, all services other than those used exclusively for fire protection shall be metered. A meter shall be installed at the very earliest opportunity. The Utility may elect to supply water to a customer without a meter on a temporary basis

Any building occupied by more than one tenant may have a separate meter with appropriate isolation valves for each tenant. With the Utility's approval, such a building

may be serviced by one meter.

13. **INSTALLATION AND REMOVAL OF METERS**: The Utility shall determine the size and type of meter to be installed in each case. All meters shall be the property of the Utility. Meters shall be installed and removed only by employees or duly authorized representatives of the Utility and no other person shall install, alter, change or remove a meter without the written permission of the Utility. The connections for such meters shall be installed to the approval of and at a charge to the customer as outlined in the Schedule of Rates. The plumbing and connections shall be properly prepared to receive the installation of such meters to the approval of and without expense to the Utility.

    In the case of multiple unit premises, the Utility may require separate meters for each dwelling unit at its discretion. Each metered service shall have a curb stop located at the property line to permit control of the service. Each service line shall be metered individually. The connection for the meters shall be installed with shut-off valves on both sides of the meter, to the satisfaction of and without expense to the Utility and as prescribed by the Utility.

    If a meter is replaced at the request of a customer (not deemed necessary by the Utility) or if a customer requests a meter of a type different than what is felt to be necessary by the Utility then the Customer shall be responsible for the costs in accordance with the rates and charges schedule.

14. **MASTER METERS:** In the case of any existing customer or customers served by the Utility with multiple meters, the Utility may supply, at its own expense, a master meter (so called) and install the same in a suitable frost-proof box constructed by the customers to be serviced, to the satisfaction of the Utility where the service pipe for the customers(s) joins the Utility's main pipe. Each customer shall be liable to pay for the water which passes through the customer's own meter, but if the amount of the total consumption of the individual meters is less than the amount of the water which passes through the master meter, the difference in cost is to be divided equally among the group of customers; and upon failure of customers to pay their portion of this amount within forty (40) days after the bill is rendered, the Utility may suspend the water service without notice. All customers receiving water service where there is a master meter as hereinbefore provided shall be jointly and severally liable for all the water passing through the meter and also for the minimum charges as herein set forth. The customer, or group of customers, as the case may be, shall be responsible for the distribution of water from the Utility's master meter to be the properties of a customer or customers, and the Utility shall be under no obligation to install, maintain or replace any pipes, appliances, fixtures, or other appliances connected therewith.

15. **METER READERS**: Each meter reader shall be provided with an official identification, which they shall exhibit on request.

16. **ACCESS TO CUSTOMER'S PREMISES**: Representatives of the Utility shall have right of access to all parts of a customer's property or premises at all reasonable hours for the purpose of inspecting any water pipes or fittings, or appliances, or discontinuing service**,**

or for the purpose of installing, removing, repairing, reading or inspecting meters. The Utility shall have the right to suspend service to any customer who refuses such access.

17. **LOCATION OF METERS**: The Utility shall have the right to refuse service to, or suspend the service of, any customer who does not provide a place which, in the opinion of the Utility, is suitable for the meter. It should be in the building served, at or near the point of entry of the service pipe, in a place where it can be easily read and where it will not be exposed to freezing temperatures.

Where the premises of a customer are of such a nature that a meter cannot be properly installed in a building or if the building is not sufficiently frost-proof as to guarantee the safety of the meter, the Utility may order the construction of a suitable frost-proof box in which the meter can be installed. Service to such premises may be refused or suspended until such a frost-proof box approved by the Utility is installed.

18. **DAMAGE TO WATER METERS**: Each customer shall be responsible for the meter installed on his service and shall protect it. The customer shall be liable for any damage to the meter resulting from carelessness, hot water or steam, or the action of frost or from any other cause not the fault of the Utility or its employees. The cost to the Utility occasioned by such damage to the meter shall be paid by the customer. If after the rendering of a bill by the Utility to the customer for such cost the same is not paid within forty (40) days from the date rendered, the supply of water to the customer concerned may be suspended until all charges are paid.

19. **METER TESTING**. On the request to have their meter tested, the Utility may charge the a fee as set out in the Schedule of Rates and Charges to defray, in part, the cost of making the test for meters up to 1 ½ inch in size. In the case of meters 1-1/2 inches and larger, the actual cost of the test will be paid by the customer. If the test shows that the meter is over registering by more than one and one half percent (1.5%) for positive displacement meters and three percent (3%) for turbine or compound meters, the sum so deposited will be refunded to the customer.

20. **PLUMBING TO BE SATISFACTORY**: All plumbing, pipes and fittings, fixtures, and other devices for conveying, distributing, controlling, or utilizing water which are used by a customer and are not the property of the Utility, shall be installed in the manner provided by the Regulations of and be approved by the proper official of the Municipality and/or the operators of the Utility. The water shall not be turned on (except for construction or testing purposes) until the applicant for service has satisfied the Utility that these requirements have been met. The supply of water may be discontinued to any customer at any time if, in the opinion of the proper official of the Municipality and/or the operator of the Utility, the plumbing, pipes, fittings, fixtures, or other devices as hereinbefore mentioned, or any of them, fail to comply with the above requirements, or if any part of the water system of such customer or the meter is in any unsuitable, dirty, unsanitary or inaccessible place. Service shall not be re-established until such condition is corrected to the satisfaction of the Utility.

21. **REMOTE REGISTERING WATER METERS**: When a remote registering water meter is installed on a customer's premises, the cost of the meter and its installation shall be paid

for by the Utility. The meter shall become the property of the Utility which shall become responsible for its operation, maintenance and replacement. Any damage to the meter caused by the negligence or wrongful acts or omissions by the customer, his agents or members of his family, shall be paid for by the customer, and the failure by the customer to make the payment shall entitle the Utility, after making a forty day written demand for the payment, to disconnect the water service to the customer.

22. CROSS CONNECTION CONTROL & BACKFLOW PREVENTION:

a) No owner, consumer, customer or other person hereinafter collectively referred to in this rule and regulation as "person" shall connect, cause to be connected, or allow to remain connected to the water system, or plumbing installation, without the express written consent of the Utility, any piping fixtures, fittings container or appliance in a manner which, under any circumstances, may allow water, wastewater, or any other liquid, chemical or substance, to ingress or egress the water system. Connection of any customer's installation served by the Utility to any other source of water supply is prohibited.

b) Where, in the opinion of the Utility, there may be a risk of contamination to the potable water system, notwithstanding the provisions of subparagraph (a), the Utility may require the customer, at the customer's sole cost and expense, to install at any point on the customer's water service connection or water service pipe, one or more backflow prevention (BFP) devices, which devices shall be of a quality and type approved by the Utility.

c) All BFP devices shall be maintained in good working order. Such devices must be inspected and tested by a certified tester, approved by the Utility, at the expense of the customer. Such inspections shall take place upon installation, and thereafter annually, or more often if required by the Utility. The customer shall submit a report in a form approved by the Utility on any or all tests performed on a BFP device within 30 days of a test. A record card shall be displayed on or adjacent to the BFP device on which the tester shall record the name and address of the owner of the device; the location, type, manufacturer, serial number and size of the device; and the test date, the tester's initials, the tester's name, the name of his employer, and the tester's license number.

d) The Utility shall maintain a program for the issuance, renewal and cancellation of Cross Connection Control Tester's Licenses. The Utility's program shall establish minimum standards, fees and administrative procedures.

e) Installation, maintenance, field-testing and selection of all BFP devices shall fully conform to the latest revision of CSA B64.10 and CSA B64 series.

f) In the event of any breach, contravention or non-compliance by a person of any of the provision and regulations in a sub-paragraphs (a),(b),(c) or (d) the Utility may:

    (i) suspend water service to such person, or

(ii) give notice to the person to correct the breach, contravention or non-compliance within 96 hours, or a specified lesser period. If the person fails to comply with such notice, the Utility may immediately thereafter suspend water service to such person

23. **DANGEROUS CONNECTIONS**: No connection shall be permitted to any installation; equipment or source in such a manner as may allow any contamination to pass from such installation, equipment or source into the Utility's water supply system. If any such connection exists the Utility may discontinue the supply of water to such customer.

24. **PROHIBITED DEVICES**: Service may be refused or suspended by the Utility to any customer who installs or uses any device or appurtenance, as, for example, booster pumps, quick-opening or quick-closing valves, flushometers, water operated pumps or siphons, standpipes, large outlets for supplying locomotives or ships, etc., which may occasion sudden large demands of short or long duration, thereby requiring oversize meters and pipe lines, or affect the stability or regulation of water pressure in the Utility's system. Permission to install or use any such device or appurtenance must be obtained from the Utility, which permission shall specify what special arrangements, such as elevated storage tanks, surge tanks or equalizing tanks, etc., must be provided by the customer.

25. **IMPROPER USE, MANUFACTURING USE OR WASTE OF WATER**: No customer shall permit the improper use or waste of water, nor shall they sell or give water to any person except upon such conditions and for such purposes as may be approved in writing by the Utility. No customer shall use water purchased from the Utility as an input into producing a product for sale, without written permission from the Utility.

26. **SERVICE PIPES**: Upon receipt of an application for service to any premises located on any portion of a street through which portion a main water pipe is laid and which premises are not already provided with water service, the Utility shall install a service pipe which it considers to be of suitable size and capacity. No pipe smaller than 3/4" (19mm) in diameter shall be laid for any service.

For services larger than 1" (25 mm) the whole cost shall be borne by the customer.

Should any person make application for more than one service to his premises, the decision as to the necessity of the additional service shall be made by the Utility, and if the additional service is installed, the total cost thereof from the main to the customer's premises shall be paid by such applicant.

All services must be installed in accordance with the Rules and Regulations of the Municipality of the District of East Hants as set out in the By-Laws and to the satisfaction of the Utility.

When a service has been installed without objection from the customer as to the location of the same, no subsequent removal of or alteration to the position of the pipe shall be

made except at the expense of the customer requesting such removal or alteration.

27. **REPAIRS TO SERVICES**: If a leak or other trouble occurs it shall be repaired as soon as possible. If the leak or trouble occurs in a service line providing non-fire protection water supplies between the main and the property line it shall be repaired by the Utility at its expense. If the leak or trouble occurs elsewhere in a service line providing non-fire protection water supplies, it shall be repaired by the customer at his/her expense. If the leak or trouble occurs in a service line which provides private fire protection services (sprinkler or hydrant) it shall be repaired by the customer at his/her expense. The Utility may make such repairs for any customer provided the customer agrees to pay the cost of same. When required, each customer desiring the Utility to do such work, shall deposit with the Utility, a sum equal to the estimated cost of the work.

    If a leak occurs on the customer's portion of his service pipe and, after being notified of same, they refuse or unduly delay to have repairs made, the Utility may discontinue the supply of water to such service pipe if, in its opinion, such action is necessary in order to prevent wastage of water. The Utility shall notify the customer affected of its intention to discontinue such supply.

28. **DEPOSITS IN ADVANCE FOR REQUEST FOR UTILITY WORK**: Whenever a customer requests the Utility to do work for which they are required to pay and the Utility agrees to do the works, they shall deposit with the Utility, before the works is started, a sum of money equal to the Utility's estimate for the probable cost of said work and execute an agreement to pay the actual cost. When the actual cost is determined, an adjustment in the payment shall be made. Regular service shall not be established by the Utility until all charges are paid in full. Installations shall be made in accordance with the Municipality of the District of East Hants Municipal Services Systems General Specifications and be subject to inspection by the Utility's Engineer or representative prior to water service being made available.

29. **UNAUTHORIZED EXTENSIONS, ADDITIONS OR CONNECTIONS**: No person shall, without the written consent of the Utility, make or cause to be made any connections to any pipe, hydrant and/or main or any part of the water system or in any way obtain or use water therefrom in any manner other than as set out in these Regulations. Any unauthorized connection shall be subject to removal by the Utility. The cost of the removal including labour, materials together with any applicable charges as outline in the Utility Schedule of Rates and Charges shall be paid by those who made the unauthorized connection.

30. **SEASON FOR LAYING PIPES:** The Utility shall not be required to lay any pipe at any season of the year or at any time which, in its opinion, is not suitable.

31. **SPRINKLER SERVICE MAINS AND HYDRANT SYSTEM:** The customer shall be responsible for the cost of installing and maintaining a sprinkler service pipe from the main in the street to the building. It shall include a proper size control valve so that the service may be shut off if necessary. If requested by the applicant, a domestic service pipe may be connected to the sprinkler service pipe, but only if it is connected outside the building

foundation wall and is provided with an approved shutoff valve located outside the building to permit control of the domestic service pipe without the necessity to enter the building. Before any domestic service pipe is connected to a sprinkler service pipe, the applicant must obtain approval from the appropriate authority and provide the Utility with a certified copy of such approval. The utility shall supervise the installation of same. When the private fire protection system includes private hydrants, these hydrants must be flushed by the Customer's staff during the Utility's regular flushing periods, under the supervision of the Utility's personnel. These hydrants shall be maintained on a regular basis by the customer.

32. **PRIVATE FIRE PROTECTION:** Fire protection lines within buildings shall be installed so that all pipes will be open and readily accessible for inspection at any time, and no connection for any purpose other than fire protection shall be made thereto. Unless approved by the Utility in writing, no fire protection line shall be connected in any way to a metered service. Payment for private fire protection service shall be at such rates as approved by the Nova Scotia Regulatory and Appeals Board

33. **LIABILITY OF UTILITY**: The Utility shall not be deemed to guarantee an uninterrupted supply or a sufficient or uniform pressure and shall not be liable for any damage or injury caused or done by reason of the interruption of supply, variation of pressure or on account of the turning off or turning on of the water for any purpose.

34. **SUSPENDING SERVICE FOR VIOLATION:** Whenever, in the opinion of the Utility, violation of any of these Rules and Regulations is existing or has occurred, the Utility may cause the water service to be suspended from the premises where such violation has occurred or is existing and may keep the same so suspended until satisfied that the cause for such action has been removed.

35. **INTERFERENCE WITH UTILITY PROPERTY:** No person, unless authorized by the Utility in writing, shall draw water from, open, close, cut, break, or in any way injure or interfere with any fire hydrant, water main, water pipe, or any property of the Utility or obstruct the free access to any hydrant, stop cock, meter, building, etc., provided, however, that nothing in this paragraph contained shall be deemed to prevent an officer or member of the Fire Department engaged in the work of such Department, from using any hydrant or other source of water supply of the Utility for such purpose.

36. **RESELLING OF WATER:** It is prohibited for a customer of the Utility to resell water to others, without the express written consent of the Utility. In the event that a customer is reselling water to others, without prior approval by the Utility, the Utility may suspend service to the premises until such time as the activity ceases or approval to resell is granted.

37. **PRESSURE REDUCING VALVES:**
Where, in the opinion of the Utility, it is necessary for proper water service, a customer shall install on the service pipe, between the meter and the shut off valve on the supply side of the meter, a pressure reducing valve of a type satisfactory to the Utility. The customer shall be responsible for the cost of installing and maintaining the pressure

reducing valve at all times.

38. **PRESSURE RELIEF VALVES**: Whenever a pressure reducing valve has been installed by a customer in accordance with Regulation 37, the customer shall, for his own safety and protection, install on his hot water boiler and any other hot water heating device connected to the building's plumbing system, a pressure relief valve of an approved type, as well as an approved temperature limiting device. It shall be the customer's responsibility to maintain and keep in service the pressure relief valve at all times.

39. **WATER CONSERVATION DIRECTIVES:** The Utility may enact conservation of water directives to its customers, if in the opinion of the Utility, such directives are required to permit the Utility to provide reliable continuous water service to all customers served by the Utility. During such times as these directives may be enacted, customers who do not comply with the directives may have their water service suspended until such time as they agree to comply with the directive or upon suspension of the water conservation directive, whichever occurs first. In the event that water is temporally suspended for non-compliance of the a water conservation directive, the cost of turning on the service will be billed to the customer.

40. **EXTENSIONS:** Upon the request of the owner/developer of any property situated with the serviceable boundary as outlined in the Municipal Planning Documents on any street or highway in which no water main has been laid, for the extension of the water service thereto, such extension shall be subject to payment of the complete cost by the owner/developer.

    Installations shall be made in accordance with the Municipality of the District of East Hants Municipal Services Systems General Specifications and be subject to inspection by the Utility's Engineer or representative prior to water service being made available.

41. **CURB STOP/CONTROL VALVE SERVICE BOX:** The curb stop/control valve service box housing the customers control valve shall be exposed for access by the Utility at all times. The Utility requires all curb stop/control valve service boxes and/or valves to be fully exposed and adjusted to final landscape grade before the installation of a customer's water meter. Any adjustment of the service box or valve box is the responsibility of the customer.

    The customer shall ensure the curb stop/control valve service box and/or the valve box is exposed at all times. In the event that the curb stop/control valve service box is buried, paved over, back-filled or damaged as a result of carelessness, willful obstruction or any other occurrence by the customer, their agents and/or their contractors working, in the opinion of the Utility, results in the requirement for the Utility to expose, re-expose, adjust or repair the curb stop /control valve service box, it shall be at the customer's expense. The Utility may undertake such activities as it deems necessary to gain access to the premises curb stop/control valve service box without expense to the Utility. When such action is undertaken, the reinstatement of the road, right–of-way, driveway, sidewalk, curb or landscape will be charged back to the customer if such activity is undertaken by the Utility.