


NOVA SCOTIA UTILITY AND REVIEW BOARD

IN THE MATTER OF THE *PUBLIC UTILITIES ACT*

- and -

IN THE MATTER OF AN APPLICATION of the **CAPE BRETON REGIONAL MUNICIPALITY**, on behalf of **its Water Utility**, for Approval of Amendments to its Schedule of Rates and Charges for Water and Water Services and its Schedule of Rules and Regulations

BEFORE:  Murray E. Doehler, CA, P.Eng., Member

ORDER

WHEREAS the Cape Breton Regional Municipality, on behalf of its Water Utility (the "Utility"), filed an application with the Nova Scotia Utility and Review Board (the "Board") for approval of amendments to its Schedule of Rates and Charges for Water and Water Services and its Schedule of Rules and Regulations;

AND WHEREAS after due public notice, a hearing was held on the 10th day of May, 2011, and the Board was pleased to issue its Decision on the 21st day of July, 2011;

AND WHEREAS the Board, in its Decision, ordered the Utility to file a Compliance Filing that recalculates the rates in accordance with the findings of its Decision;

AND WHEREAS the Utility filed its Compliance Filing on the 25th day of July, 2011.

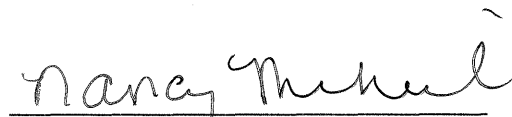
IT IS HEREBY ORDERED that the Schedule of Rates, attached hereto as Schedules "A", "B " and "C", be approved for water and water services supplied on and after August 1, 2011, April 1, 2012 and April 1, 2013 respectively.

IT IS FURTHER ORDERED that the Schedule of Rules and Regulations, attached hereto as Schedule "D", be approved effective August 1, 2011.

IT IS FURTHER ORDERED that:

1. The Board directs that a leak detection program be continued by the Utility, as suggested by its Consultant. This, as suggested by the Utility, could be funded through the surplus or the depreciation fund and would have a minimal impact on rates.
2. The Board noted a number of items in the audited financial statements that may not accurately reflect how the statements should be prepared in accordance with the *Accounting Handbook*. The Board is also concerned with some of the differences between Generally Accepted Accounting Principles ("GAAP") and that used by the Utility as outlined in the "Basis of Presentation" notes, in particular, the need to record revenues and expenditures on a full accrual basis (this should be done) and not capitalizing all capital expenditures. The Board directs the Utility to ensure compliance with the *Accounting Handbook*, which should result in minimal differences with GAAP.
3. With regards to the allocation of costs between the Municipality and the Utility which is based upon estimates, the Board directs the Utility to review these allocations and revise them if necessary, prior to the Utility's next rate application. Moreover, given that it is difficult to project costs with new components of the system (such as the new treatment plants), the Board directs the Utility to closely monitor its operating expenses to ensure that its financial health is maintained.

DATED at Halifax, Nova Scotia, this 26th day of July, 2011.


Clerk of the Board

SCHEDULE "A"

CAPE BRETON REGIONAL MUNICIPALITY WATER UTILITY

SCHEDULE OF RATES FOR WATER AND WATER SERVICES

(Effective for water supplied on and after 1 August 2011)

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.

When payment is made after 30 days from the date rendered as shown on the bill, the rates will include interest charges of 1.25% per month, or part thereof.

Each bill shall show the amount payable within 30 days from the date rendered as shown on the bill.

In this Schedule, the word "Utility" means the Cape Breton Regional Municipality Water Utility of the Cape Breton Regional Municipality.

1. RATES

(a) Unmetered Quarterly

Based on 68 cubic metres per quarter \$ 119.41

(b) Base Charges Quarterly

Size of Meter

5/8"	\$ 44.97
3/4"	\$ 66.36
1"	\$ 109.14
1 1/2"	\$ 216.09
2"	\$ 344.43
3"	\$ 686.66
4"	\$ 1,071.67
6"	\$ 2,141.14
8"	\$ 3,852.30

(c) Consumption Rates

1 st Block (0 to 2,500 c.m./quarter)	\$ 1.09 per cubic metre
2 nd Block (>2,500 c.m./quarter)	\$ 0.67 per cubic metre
Raw Water	\$ 0.42 per cubic metre

(d) Minimum Bill

The minimum bill shall be the Base Charge.

2. **PUBLIC FIRE PROTECTION RATE**

The Cape Breton Regional Municipality shall pay to the Utility for fire protection on or before October 1, 2011 the sum of \$5,546,760. The fire protection rate shall be calculated based on the number of days at the existing rate plus the number of days at the new rate.

3. **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	\$200.00
Each building serviced by a sprinkler service pipe of 8" or more in diameter	\$250.00

4. **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 water utility as 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 water service box, the meter and of testing the same and payment of the base and connection charges and the consumption rates in respect to such installation.

5. **PRIVATE HYDRANT CONNECTION RATES**

Per hydrant per year \$200.00.

6. **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 may provide, including arrangements regarding supervision of the opening and closing of the hydrant and a service charge for commercial consumers of \$50.00 for connection and disconnection and a consumption charge for the amount of water used, as estimated by the water Utility, at meter consumption rates.

7. **CHARGES FOR RE-ESTABLISHING WATER SERVICE**

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 of \$50.00 has been paid to the Utility.

8. **CONNECTION FEE**

The Utility shall charge a \$50.00 fee for the creation of a water account, notwithstanding the fact that no physical disconnection of the system may have occurred.

9. **DISCNNECTION FEE**

Whenever a customer requests the water be turned off from any premises for an extended period of time, a charge of \$50.00 shall be made for turning off the water, and no additional charge shall be made for turning it on again when this is requested.

10. **SPECIAL SERVICE CHARGE**

A special service charge of \$50.00 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 except for water service repairs requested by the Utility. 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.

11. **THEFT**

The utility may charge penalties in addition to the applicable water charges for each illegal water connection as follows:

- | | | |
|-----|--------------------------|----------|
| i) | 1 st Offence: | \$300.00 |
| ii) | 2 nd Offence: | \$750.00 |

12. **CHARGE FOR NON-NEGOTIABLE CHEQUES**

The Utility shall charge a \$25.00 administration fee for cheques that, due to non-negotiability, have been rejected by the Utility's bank.

13. **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 \$50.00 for each visit if, in the judgment of the Utility, it is required.

SCHEDULE "B"

CAPE BRETON REGIONAL MUNICIPALITY - WATER UTILITY

SCHEDULE OF RATES FOR WATER AND WATER SERVICES

(Effective for water supplied on and after April 1, 2012)

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.

When payment is made after 30 days from the date rendered as shown on the bill, the rates will include interest charges of 1.25% per month, or part thereof.

Each bill shall show the amount payable within 30 days from the date rendered as shown on the bill.

In this Schedule, the word "Utility" means the Cape Breton Regional Municipality Water Utility of the Cape Breton Regional Municipality.

1. RATES

(a) Unmetered Quarterly

Based on 68 cubic metres per quarter \$ 129.03

(b) Base Charges Quarterly

Size of Meter

5/8"	\$ 48.95
3/4"	\$ 72.30
1"	\$ 118.99
1 1/2"	\$ 235.72
2"	\$ 375.80
3"	\$ 749.33
4"	\$ 1,169.56
6"	\$ 2,336.85
8"	\$ 4,204.52

(c) Consumption Rates

1 st Block (0 to 3,500 c.m./quarter)	\$ 1.18 per cubic metre
2 nd Block (>3,500 c.m./quarter)	\$ 0.72 per cubic metre
Raw Water	\$ 0.45 per cubic metre

(d) Minimum Bill

The minimum bill shall be the Base Charge.

2. PUBLIC FIRE PROTECTION RATE

The Cape Breton Regional Municipality shall pay to the Utility for fire protection on or before October 1, 2012 the sum of \$6,265,173.

3. 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	\$200.00
Each building serviced by a sprinkler service pipe of 8" or more in diameter	\$250.00

4. 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 water utility as 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 water service box, the meter and of testing the same and payment of the base and connection charges and the consumption rates in respect to such installation.

5. PRIVATE HYDRANT CONNECTION RATES

Per hydrant per year \$200.00.

6. 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 may provide, including arrangements regarding supervision of the opening and closing of the hydrant and a service charge for commercial consumers of \$50.00 for connection and disconnection and a consumption charge for the amount of water used, as estimated by the water Utility, at meter consumption rates.

7. **CHARGES FOR RE-ESTABLISHING WATER SERVICE**

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 of \$50.00 has been paid to the Utility.

8. **CONNECTION FEE**

The Utility shall charge a \$50.00 fee for the creation of a water account, notwithstanding the fact that no physical disconnection of the system may have occurred.

9. **DISCNECTION FEE**

Whenever a customer requests the water be turned off from any premises for an extended period of time, a charge of \$50.00 shall be made for turning off the water, and no additional charge shall be made for turning it on again when this is requested.

10. **SPECIAL SERVICE CHARGE**

A special service charge of \$50.00 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 except for water service repairs requested by the Utility. 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.

11. **THEFT**

The utility may charge penalties in addition to the applicable water charges for each illegal water connection as follows:

- | | | |
|-----|--------------------------|----------|
| i) | 1 st Offence: | \$300.00 |
| ii) | 2 nd Offence: | \$750.00 |

12. **CHARGE FOR NON-NEGOTIABLE CHEQUES**

The Utility shall charge a \$25.00 administration fee for cheques that, due to non-negotiability, have been rejected by the Utility's bank.

13. **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 \$50.00 for each visit if, in the judgment of the Utility, it is required.

SCHEDULE "C"

CAPE BRETON REGIONAL MUNICIPALITY WATER UTILITY

SCHEDULE OF RATES FOR WATER AND WATER SERVICES



(Effective for water supplied on and after April 1, 2013)

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.

When payment is made after 30 days from the date rendered as shown on the bill, the rates will include interest charges of 1.25% per month, or part thereof.

Each bill shall show the amount payable within 30 days from the date rendered as shown on the bill.

In this Schedule, the word "Utility" means the Cape Breton Regional Municipality Water Utility of the Cape Breton Regional Municipality.

1. RATES

(a) Unmetered Quarterly

Based on 68 cubic metres per quarter \$ 135.39

(b) Base Charges Quarterly

Size of Meter

5/8"	\$ 51.52
3/4"	\$ 76.11
1"	\$ 125.31
1 1/2"	\$ 248.30
2"	\$ 395.89
3"	\$ 789.46
4"	\$ 1,232.22
6"	\$ 2,462.12
8"	\$ 4,429.96

(c) Consumption Rates

1 st Block (0 to 3,500 c.m./quarter)	\$ 1.23 per cubic metre
2 nd Block (>3,500 c.m./quarter)	\$ 0.75 per cubic metre
Raw Water	\$ 0.47 per cubic metre

(d) Minimum Bill

The minimum bill shall be the Base Charge.

2. **PUBLIC FIRE PROTECTION RATE**

The Cape Breton Regional Municipality shall pay to the Utility for fire protection on or before October 1, 2013 the sum of \$6,965,758. The fire protection rate shall be calculated based on the number of days at the existing rate plus the number of days at the new rate.

For subsequent years, the annual public fire protection rate for the Cape Breton Regional Municipality shall be based on the above, or:

- (a) the sum of 39.6% of transmission and distribution, taxes and depreciation expenses of the Utility and return on rate base of the immediately preceding year, plus
- (b) 10% of all other expenses,

whichever is the greater.

3. **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	\$200.00
Each building serviced by a sprinkler service pipe of 8" or more in diameter	\$250.00

4. **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 water utility as 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 water service box, the meter and of testing the same and payment of the base and connection charges and the consumption rates in respect to such installation.

5. **PRIVATE HYDRANT CONNECTION RATES**

Per hydrant per year \$200.00.

6. **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 may provide, including arrangements regarding supervision of the opening and closing of the hydrant and a service charge for commercial consumers of \$50.00 for connection and disconnection and a consumption charge for the amount of water used, as estimated by the water Utility, at meter consumption rates.

7. **CHARGES FOR RE-ESTABLISHING WATER SERVICE**

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 of \$50.00 has been paid to the Utility.

8. **CONNECTION FEE**

The Utility shall charge a \$50.00 fee for the creation of a water account, notwithstanding the fact that no physical disconnection of the system may have occurred.

9. **DISCNECTION FEE**

Whenever a customer requests the water be turned off from any premises for an extended period of time, a charge of \$50.00 shall be made for turning off the water, and no additional charge shall be made for turning it on again when this is requested.

10. **SPECIAL SERVICE CHARGE**

A special service charge of \$50.00 (\$150.00 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 except for water service repairs requested by the Utility. 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.

11. **THEFT**

The utility may charge penalties in addition to the applicable water charges for each illegal water connection as follows:

- | | | |
|-----|--------------------------|----------|
| i) | 1 st Offence: | \$300.00 |
| ii) | 2 nd Offence: | \$750.00 |

12. **CHARGE FOR NON-NEGOTIABLE CHEQUES**

The Utility shall charge a \$25.00 administration fee for cheques that, due to non-negotiability, have been rejected by the Utility's bank.

13. **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 \$50.00 for each visit if, in the judgment of the Utility, it is required.

SCHEDULE "D"

THE CAPE BRETON REGIONAL MUNICIPALITY WATER UTILITY

SCHEDULE OF RULES AND REGULATIONS

GOVERNING THE SUPPLY OF WATER AND WATER SERVICES

(Effective August 1, 2011)

1. In these Rules and Regulations, unless the context otherwise requires, the expression:

"Municipality" means the Cape Breton Regional Municipality

"Utility" means the Cape Breton Regional Municipality Water Utility.

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

"Unmetered Service" means the type of unmetered service charged for by flat rates.

"Metered Rate Service" means that type of service charged for at metered rates and is supplied to customers other than those supplied by fixture and flat rate service. Metered rate service is required for all new services.

"Regular Working Hours" means the hours of operation whereby utility employees are compensated at a regular rate of pay;

2. **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 that the customer of record wishes to terminate the supply of water service.

At the discretion of the Utility, a property owner who rents or leases a property or self-contained unit to a tenant or lessee may be required to

open an account for the provision of water at the property rented or leased.

- 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) Where service is supplied to a condominium unit, the Condominium Corporation in which the unit is situated shall be deemed to be the customer of record and shall be liable for payment of the service bill for the condominium unit.
3. **DEPOSITS:** When required, an Applicant for service shall deposit with the Utility a sum equal to the previous year's average bill for the meter size for such service for a period of three months, or such lesser amount as the Utility may demand (a minimum of \$50.00). 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 service and discharges all their liability to the Utility in respect of such service, the deposit shall be returned to him with interest based on the rate of interest obtained by the Cape Breton Regional Municipality on its surplus cash balances on deposit with its banker as at March 31 of each fiscal year.
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 either monthly or approximately three months (quarterly) and are payable within thirty days after the date rendered. Bills are due on the billing date and bills not paid within 30 days after the billing date shall be subject to the interest charge as set out in the Schedule of Rates and Charges.
6. **ADJUSTMENT OF BILLS:**
- (a) Where meters exist - 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 a water bill must do so in writing within 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 four billing periods or one year, whichever is the longest. 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 (where they exist), the billing adjustment in such circumstances will not be limited to one year or four 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, and the Utility will be responsible for payment of the over billed amount with interest calculated on the basis of current simple interest paid by the bank.
7. **METER READING:** In the case of Metered Service Customers who are billed quarterly, meters shall be read in at least two of the four quarters, normally, the second and fourth, and, subject to Regulation 8, each billing for these quarters shall be based upon the meter reading with adjustment for any earlier estimated reading. The Utility may, at its option, estimate the readings in the alternate quarters based on the actual consumption from the previous quarter. In the case of Metered service customers who are billed monthly, meters shall be read monthly.
8. **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 two (2) consecutive billing periods. If an estimated bill is rendered for two (2) 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.
9. **SUSPENSION OF SERVICE FOR NON-PAYMENT OF BILLS:** The Utility shall have the right to enter onto a customer's premises within reasonable hours to suspend service to customers whose bills remain unpaid for more than forty calendar days after the date rendered. The customer shall pay the reconnection fee as set out in the Charges for Re-establishing Water Service in the Schedule of Rates and Charges after each suspension. Service suspension can be delayed if approved payment arrangements have been made and the customer is in compliance with arrangements.
10. **WATER TO BE SUPPLIED BY METER:** 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. 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, provided the landlord is the customer. 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.

11. **INSTALLATION AND REMOVAL OF METERS:** 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 plumbing and connections shall be properly prepared to receive the installation of such meters to the approval of and without expense to the Utility.
12. **METER READERS:** Each Meter Reader shall be provided with an official identification, which he/she shall exhibit on request.
13. **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.
14. **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 exchanged 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.

15. **DAMAGE TO WATER METERS:** Each customer shall be responsible for the meter installed on his service and shall protect it. He 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 40 days from the date rendered, the supply of water to the customer concerned may be suspended until all charges are paid.

16. **METER TESTING:** On the request of a customer to have their meter tested (meter sized 15 mm [5/8 inch] to 50 mm [2 inch]), the Utility may charge the sum of thirty dollars (\$30.00) to defray in part the cost of making the test. If the tests show that:

- (a) for positive displacement meters (disc type) the meter is over-registering by more than 1½%, or
- (b) for turbine or compound meters the meter is over-registering by more than 3%,

the sum so charged shall be refunded to the customer and the bill for service rendered to the customer shall be adjusted accordingly. No adjustment shall extend for a period beyond one year prior to the test and one refund shall be made only to the person who overpaid.

Meters 80 mm (3 inch) and larger require on-site testing. The Utility shall be entitled to a fee to cover the expenses involved in contracting a third party for testing. This amount shall be billed to the customer if the meter should be found to be registering satisfactorily.

17. **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 reestablished until such condition is corrected to the satisfaction of the Utility.
18. **REMOTE REGISTERING WATER METERS:** When a remote registering water meter is installed on a customer's premises under a general outside register installation program of the Utility, then the cost of the meter and its installation shall be paid 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.

19. **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.
- (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) 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.
- (e) In the event of any breach, contravention or non-compliance by a person of any of the provisions and regulations in 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.

20. **ALTERNATE WATER SUPPLY PROHIBITED:** Connection of any customer's water system, which is served by the Utility, to any other source of water supply is prohibited. Failure to comply with this regulation shall entitle the Utility to suspend the service.
21. **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.
22. **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, or 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.
23. **IMPROPER USE OR WASTE OF WATER:** No customer shall permit the improper use or waste of water, such as providing water to more than one single family dwelling and/or apartment building from a single service, nor shall he sell or give water to any person except upon such conditions and for such purposes as may be approved in writing by the Utility.
24. **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 is considered to be of suitable size and capacity from the water main to the street line. No pipe smaller than 3/4" (19 mm) in diameter shall be laid for any service.

The necessary excavation for the laying of the service pipe, backfilling and replacement of the street and sidewalk surfaces from the water main in the street shall be the responsibility of the Utility. The cost of supplying and laying a 3/4" water pipe and fittings in the trench between the main pipe and the street line shall be paid by the Utility. From the street line to the premises all costs shall be paid by the customer.

The excavation may be the same excavation as is used for the sewer service pipe or if minimum horizontal and vertical separation between the water and sewer pipes cannot be obtained, a separate excavation for the water service pipe

shall be required. In either case, the excavation is to be provided by the applicant to the satisfaction of the Utility.

For water service pipes larger than 3/4" the whole cost shall be borne by the customer, less the cost of a 3/4" service pipe and fittings in the trench provided from the main to the street line.

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 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.

25. **REPAIRS TO SERVICE:** 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 street 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 their 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 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 their 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.

26. **CUSTOMER WORK PERFORMED BY THE UTILITY:** Whenever a customer requests the Utility to do work for which the customer is required to pay and the Utility agrees to do the work, the customer shall deposit with the Utility, before the work is started, a sum of money equal to the Utility's estimate of the probable

cost of said work. When the actual cost is determined, an adjustment in the payment shall be made. Installations shall be made in accordance with the Cape Breton Regional Municipality Water Utility specifications and be subject to inspection by the Utility's Engineer or Utility's Employees prior to water service being made available.

27. **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 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 and materials and an estimate of the water used together with a \$200.00 service charge shall be paid by those who made the unauthorized connection.
28. **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.
29. **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.
30. **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.
31. **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 designated by the Utility for fire protection purposes.
32. **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.

33. **RESUMPTION OF SERVICE:** In all cases where water service has been suspended for violation of any of these rules, service shall not be restored until the cause for violation has been removed.
34. **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 during the Utility's regular flushing periods, under the supervision of the Utility's personnel. These hydrants shall be maintained in a manner, or on a regular basis as approved by the Utility. Fire protection lines within buildings shall be so installed that all pipes will be open and readily accessible for inspection at any time and no connection other than for fire protection shall be made thereto.
35. **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 customer's 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.
36. **PRESSURE RELIEF VALVES:** Whenever a pressure reducing valve has been installed by a customer in accordance with Regulation 35, 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.
37. **WATER CONSERVATION DIRECTIVES:** The Utility may enact water conservation directives to its customers, if in the opinion of the Utility, such directives will permit the Utility to provide a reliable, continuous supply of water to all customers.

During such times as these directives may be enacted, customers who do not comply with the directives may have their water supply suspended until such time

as the customer agrees to comply with the directives or upon suspension of the water conservation directives, whichever occurs first.

38. **EXTENSIONS**: Any owner of property situated on a street or highway in which no water main has been laid (or where the main has been laid, but has not been extended to the point opposite the owner's property), may make application to the Utility requesting permission to have such a servicing extension carried out. The Utility would review the application and either give approval in principle for the extension subject to the approval of the NSUARB, or advise the property owner that the extension is not feasible, and will provide the owner with the reason for refusing permission.

After approval in principle has been granted, the owner may sign a contract with the Utility requesting that the Utility install the water extension at his expense, or the owner may have the water line extended by a private contractor approved by the Utility. Where the latter is done, the extension must be designed and the construction supervised by a registered professional engineer with the design being approved by the Utility.

In any event, the cost of the extension shall be paid fully by the owner and the ownership of the water line turned over to the Utility before any water services are connected to the extended line.

After the water line has been turned over to the Utility, it shall become a part of the water utility and all of these regulations affecting the operation of the Utility shall apply.