

## **Water and Sewer Update for Sleepy Hollow Residents – May 31, 2012**

The Charlottetown City Council voted in late May 2012 to approve the draft Water and Sewer Agreement between the City and the Community of Miltonvale Park and agreement was received on May 29, 2012 for the connections in Miltonvale Park to be made to the City's systems.

Work on the final connection will begin immediately, and should be completed by early June.

### **Highlights of the agreement:**

- The Community will sell the water infrastructure and the sewer infrastructure to the City for \$1 each.
- The City shall thereafter be responsible for its operation, maintenance and replacement; however, Miltonvale Park will be responsible for any deficiencies during the one year warranty period.
- The City's Water and Sewer Utilities General Rules and Regulations, approved and/or amended from time to time by City Council, will apply to properties in Miltonvale Park that are connected to the water and/or sewer system. These Rules and Regulations are on-line, beginning at page 4 of [http://www.city.charlottetown.pe.ca/pdfs/bylaws/Water Sewer Utility Bylaw.pdf](http://www.city.charlottetown.pe.ca/pdfs/bylaws/Water_Sewer_UTILITY_Bylaw.pdf)
- For customers outside Charlottetown city limits, a surcharge is applied to the utility rates. This rate is approved by City Council and is 25% for 2012. There is a clause included in the agreement with the City that states that Miltonvale Park residents will receive the most preferential rates available to those outside the City limits, in the event the City services other municipalities at a lower surcharge rate in the future.
- The Charlottetown Water & Sewer Utility (CW&SU) also charges the Community of Miltonvale Park an annual fire protection fee that includes the maintenance of fire hydrants.
- Miltonvale Park residents will be not charged the user rate for water or sewer until they are connected to the municipal water or sewer system.
- New construction in serviced areas in Miltonvale Park will be required to connect to the City's services.

### **Procedure to connect to the City's Water and/or Sewer:**

**Miltonvale Park Permit** - According to the Miltonvale Park Bylaws, a permit is required to connect to water or sewer. Council has voted to waive the fee for such a permit, so there will be no cost to residents at the present time. The signature of the property applicant or his agent will be necessary at the Council Office to complete the application form, along with the telephone number, estimated cost, start and completion dates, and the date your property was acquired.

The Community Council office is located downstairs in the Winsloe Lions Hall (14 Campbell Road). The Development Officer, Sandy Foy is in on Mondays from 8:00 a.m. -1:00 p.m.; however, he will NOT be in the office Monday, June 18. The Development Officer also sometimes leaves the office to visit properties in the Community. Administrator Shari MacDonald is in the office half-time – including Tuesdays 4:30-6:30 p.m. (*but is leaving at 6:15 on June 12*) and Wednesday mornings 9:00 -11:00 a.m., with the rest of the hours being varied.

Please call 368-3090 or email [admin@miltonvalepark.com](mailto:admin@miltonvalepark.com) to ensure someone is available or to arrange an appointment.

It is anticipated that water and sewer permits will be issued weekly on Mondays, and will be valid for the property owner to connect to the servicing within a one year period.

**Charlottetown City Water and Sewer Application** - Make application on the attached form to the City at their office in City Hall on 199 Queen Street or P.O. Box 98, Charlottetown C1A 7K2. This form is also available at <http://www.city.charlottetown.pe.ca/pdfs/ApplicationforService.pdf>

The site copy or plot plan that is required with the application is a basic plot plan. It does not need to be drawn by a surveyor, but should be drawn as best possible to scale and with accuracy, showing the boundary of the property, the building being serviced on the lot, location of well and septic tank.

This application can be submitted to the City, in person or by mail. The application is to be completed, signed and accompanied by the **application fee of \$50**. Application is to be made and approved by the Utility **prior** to installation of services.

The minimum standards for sewerage and for water service are included in this package, and are at <http://www.city.charlottetown.pe.ca/pdfs/ServiceStandard.pdf>

In the case of a building in which any plumbing fixture in the building is below street level or could be affected by a back flow on the sewerage line, a suitable check valve is required.

Infiltration and Inflow occurs when storm water or groundwater enters the municipal wastewater system. This water enters the sanitary sewer system through cracked pipes, leaking manholes, as well as downspouts and sump pumps from homes that are connected directly to the sanitary sewer system. Downspouts and sump pumps are considered illegal connections and are not permitted.

A water meter is required whether you are connecting to water or sewer or both. The water meter is supplied by the Utility and shall be installed in accordance with the Utility's standard. Internal plumbing is to be completed by a **licensed contractor**.

It is the property owner's responsibility to properly abandon their existing on-site well and septic system. To obtain information on correct abandonment, the PEI Department of Environment, Labour and Justice suggests you contact a licensed installer. Residents

are encouraged to cooperate with neighbours to try to obtain group discounts from installers.

**WATER CONNECTION REBATE:** If your property is included in the area designated in Miltonvale Park's July 10, 2000, contract with Island Waste Management Corporation (IWMC) and the Province, you will be eligible to receive \$700 from the IWMC, **after** you have been connected to the City's water service and decommissioned your well. (See attached map).

A simple application form, verifying your address, will be given to you when you apply to Miltonvale Park for your water servicing permit, and will also be available from [www.miltonvalepark.com](http://www.miltonvalepark.com). Return this form, along with invoices and receipts incurred for the water connection to the Community Council office, **after** the connection to the City has been made. Payment will be made to residents directly from IWMC, by mail.

### **COSTS**

In addition to the City's \$50 initial application fee, there is a \$52.50 fee to inspect the meter installation, which will be added to the customer's first bill.

### **2012 RATES (for residential customers outside the City limits)**

For **BOTH WATER** and **SEWER** for customers

Residential customers outside the city limits pay a base rate of \$93.15 every three months (\$372.60 annually) PLUS \$1.055 for every cubic meter (220 gallons) of water used.

For **WATER ONLY**

The base rate is \$36.66 every three months (\$146.65 annually) PLUS \$0.33 for every cubic meter (220 gallons or 1000 litres) of water used.

For **SEWER ONLY**

The base rate is \$56.50 every three months (\$226 annually) PLUS \$0.725 for every cubic meter (220 gallons) of water used. Those who have been provided sewer service only or do not want to connect to the water service are required to make alterations to their water supply line to install a water meter.

All new customers of City of Charlottetown are metered. For comparison, the "old" flat (not metered) rates for outside the City would be approximately \$645 annually for both water and sewer. To estimate how much water your family will use, you can check out the Water Use Calculator provided by Environment Canada.

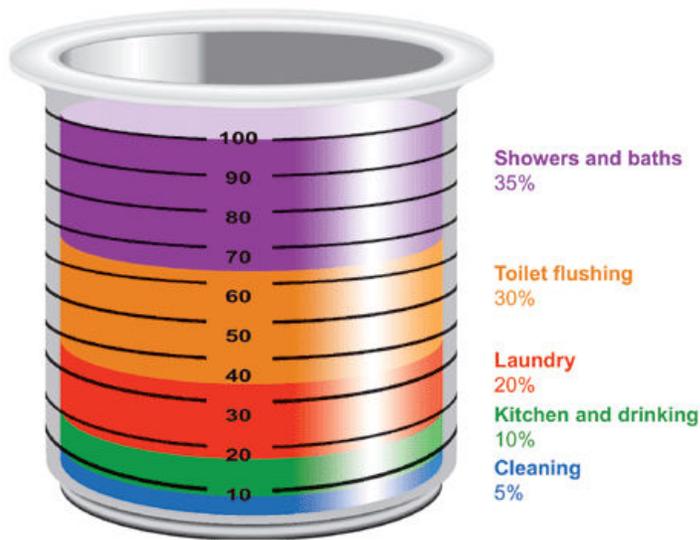
[http://www.on.ec.gc.ca/reseau/watercalculator/login\\_e.html](http://www.on.ec.gc.ca/reseau/watercalculator/login_e.html)

For more information, contact the Charlottetown Water and Sewer Utility directly.

**General Inquiries** - (902)-629-4014 Hours - 8:00 am to 4:00 pm (winter) and 7:30 am to 3:30 pm (summer).

**Emergency - After Hours and Weekends** (902) 626-2100.

## Water use in the home



The average Canadian uses about 330 litres of water daily for indoor use.

**How Much Water Do You Use?** <http://www.cornerstonesmud.com/id46.htm>

### Water Use: Non Conserving vs. Conserving Activities:

	Non-Conserving	Conserving Activities
<b>Shower (5 minutes)</b>	Regular shower head 30 gallons	Low-flow shower head 15 gallons
<b>Toilet Flushing</b>	Conventional toilet 4-7 gallons per flush	Ultra-low flush toilet 1.5 gallons
<b>Brushing Teeth</b>	Tap running 10 gallons	Wet brush, rinse briefly Half gallon or less
<b>Tub Bath</b>	Full 20 gallons	Minimal water level Less than 20 gallons
<b>Shaving</b>	Tap running 2 gallons or more	Fill basin 1 gallon
<b>Washing Hands</b>	Tap running 2 gallons or more	Soap and rinse 1 gallon or less
<b>Dishwashing</b>	Tap running 30 gallons	Wash and rinse in sink 5 gallons
<b>Automatic Dishwasher</b>	Full cycle 15 gallons	Short cycle 11 gallons
<b>Washing Machine</b>	Full cycle, top water level 40 gallons	New "tumble-action" efficient clothes washer 25 gallons

## Average Inside Facilities Water Use:

Fixture	Water Usage Needs
Bathtub	25 to 35 gallons per tub
Clothes Washer	25 to 50 gallons per load
Dishwasher	7.5 to 16 gallons per load
Shower	5 to 15 gallons per minute
Toilet	Old - 3.5 to 7 gallons per flush
Toilet	New - 1.5 gallons per flush

## Average Outside Water Use For Landscaping And Swimming Pools:

Outside Need	Annual Water Usage Needs
Lawn	2.35 c.f. per square foot
Other Landscaping	1.0 c.f. per square foot
Swimming Pool (evaporation)*	2.35 c.f. per sq ft of surface area
*Without pool cover, 1 c.f. =	one cubic foot or 7.48 gallons

## Water Conservation Tips

### *In the Kitchen*

- When buying or replacing a dishwasher consider one that has the Energy Star or Water Sense label. *EnergyStar dishwashers use 15 litres per cycle compared to 22 litres for conventional dishwashers.*
- Install a faucet aerator on your kitchen sink.
- Don't let the water run continuously when rinsing dishes or washing vegetables.
- Defrost foods in the refrigerator or in the microwave rather than under running water.

### *Lawn and Garden*

- Cut out lawn watering completely – allow your grass to grow a bit longer to retain water.
- Water your garden in the cool hours of the morning or evening – use mulch to keep in moisture.
- Consider plants that require little to no water –xeriscaping.

## ***In the Bathroom***

- Replace old toilets with flush volumes of 13L or more with a newer water-efficient model (6L or less). See <http://miltonvalepark.com/files/toilet%20rebate%20form.pdf> for a \$50 rebate on approved WaterSense low flow toilets (Limit two per property).
  - *Water savings per year: 45,990 litres (6L), 61,042 litres (dual-flush)\**
- If replacing your toilet is not an option, consider installing a toilet displacement device that decreases the volume of your tank – you can make your own by filling a water bottle half way with rocks and placing inside your toilet tank.
  - *Water savings per year: 6570 litres (reducing tank volume by 1 litre)\**
- Replace your standard showerhead with a low-flow showerhead (from 14.68 litres/minute to 5.69 litres/minute).
  - *Water savings per year: 68,720 litres\**
  - *Energy savings per year: 254 litres of oil and \$203.46 on your electricity bill\**
- Take shorter showers; if you shower for 7 minutes try reducing it to 5 minutes.
  - *Water savings per year 20,661 litres\**
  - *Energy savings per year 76 litres of oil and \$61 on your electricity bill\**
- Install faucet aerators - this is a very easy and inexpensive fix.
- Turn off the water while brushing your teeth, washing your face and shaving.
- Fix the leaks.

*\*based on family of four*

## ***Recreation***

- Think hard before filling up the pool this year – does it get used enough to warrant that water use?
- If you have a pool, use a pool cover to eliminate evaporation.
- Use a bucket and sponge rather than a hose if you wash your car.
- Use a broom rather than a hose to clean your driveway.

*Thank you for your patience in this project!*



*Miltonvale Park Community Council*

*Winsloe Lions Hall, 14 Campbell Road*

*368-3090 admin@miltonvalepark.com*