

# The Town of Black Diamond Water Meter Replacement Program

## What is the project objective?

Your water meter is coming to the end of its functioning life cycle. The Town of Black Diamond has purchased new residential water meters that contain the latest technology. To keep the Town's water costs low it is important that continuous water balances be accurately calculated.

These new meters will assist staff in determining the volumes of treated water distributed through out our system and the quantities utilized by our customers. By understanding the water balance, the Town's utility operators will have a better understanding of the water loss in our distribution system.



The project is expected to begin late 2009 and be completed in 2010.

## Where will the meter go?

You will be contacted by a representative of the Town of Black Diamond, to arrange an appointment for installation. This representative / installer will be identified by an identification name badge containing the Town logo.

Your new meter will be installed directly onto your incoming water service. Your new meter will be fitted with a transmitter. These transmitters will allow meter readers to read your water meter from the street and eliminate the need for them to walk across your property or gain access inside your home to read the meter.



## How do I prepare for the installation?

### Step 1 – Find Your Shut-Off Valve

- Your meter will typically be installed directly after the main shut-off valve in your basement .
- Your shut-off valve is generally located on a copper pipe coming out of your basement floor .
- It will generally have a round or straight handle.
- Please access this valve and shut it off. Test your water taps to ensure this valve is functioning by not allowing the flow of water through your taps. Return the valve to the open position and inform the installer the outcome of your test.

### Step 2 – Clear the Area

- To ensure installers have access to this area, please clear the area around the shut –off valve and your existing meter. Ensure home appliances, storage containers and other obstructions will not impede the installer's access to the existing meter or shut-off valve site.
- At a minimum, please clear an area at least (4) Feet wide X (6) Feet high.

### Step 3 – The Installation

- An adult at least 18 years of age, or older, must be at home during the inside installation.
- The meter will be installed in your basement, with a typical installation that will take about (1) one hour to complete, barring any modifications that may be required.
- Any mechanical plumbing modifications that may be required will be discussed with the resident prior to this task being completed.
- If you have a finished basement and your water service and/or meter is located behind drywall or paneling, please have this removed. A small section of drywall or paneling can be removed to gain access to the main shut-off valve. The hole must not be permanently covered, in the event that your meter requires future maintenance.