



Waterwell and Groundwater Monitoring Newsletter

March 2013

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Dear Robert,

Canadian Pipe & Pump Supply is an industry leader engaged in the manufacturing and distribution of pipe product used in waterwell and groundwater monitoring applications. In addition, we supply pumps and accessories used in conjunction with our pipe. We firmly believe in helping our customers grow their businesses. Our skilled team of industry experts can help select the proper product for your application or help to design a custom solution.

We have four locations across Ontario to serve your needs. Please visit us at one of our branches located in Toronto, Orillia, Ottawa or Tillsonburg.

How to Save Money Using Surge Blocks

A surge block is a device that ground water technicians and well drillers can use to help clean out a well immediately after an installation or after sediment builds up over time. Surge blocks are flat seals that fit tightly to the casing interior and perform in a similar fashion as a submerged plunger. One of the key advantages of using a surge block is that it not only helps to remove silt and sediment in the monitoring well, but also removes fines from the well screens.

Waterra is an industry leader in manufacturing surge blocks, a tool that dramatically increases the well development capacity of Waterra Inertial Pumping Systems for both Standard and High Flow Systems. Some of the key features of Waterra's surge blocks are:

- Designed for use in 2" or 4" Schedule 40 monitoring wells
- SBD-25 & SBD-25-4 available for Standard Flow System (D-25 FOOT VALVE)
- SBD-32 & SBD-32-4 available for High Flow System (D-32 FOOT VALVE)
- Special order surge blocks can also be produced for unique well diameters

Using the Inertial Pump and surge block together is an excellent method for developing monitoring wells, since they both surge and pump the well at the same time. When a surge block is used, the annular gap between the valve and the well screen is reduced by about 1/16", resulting in a superior

surging action of the valve.

As you prepare for your busy spring season, we encourage you to ask your CPPS Sales Representative how surge blocks can save you time and money this year. To learn how to apply and benefit from this best practice, which often yields turbidity levels below 10 NTUs, click on this link: [Waterra surge block](#).

Novo Reverse Osmosis Systems

Osmosis is a term that you likely first heard back in high school. It was first described in 1748 by a French scientist who noted that water naturally diffused through a pig bladder membrane into alcohol. Over two hundred years later, a variation on the original process was created - reverse osmosis. Reverse osmosis has since allowed millions of people to convert contaminated water into a clean drinking source, virtually free of dangerous contaminants. Reverse osmosis systems can be found around the world, from the home to the International Space Station, providing treated water.

Novo Reverse Osmosis drinking water systems can provide your company with a straightforward recurring revenue stream to help smooth out cash flows during the year without much effort. Novo's disposable cartridges and membrane connect quickly and the systems have built-in automatic water shut-offs so there is no need to turn off the water before maintenance. Unlike other reverse osmosis systems that require a lengthy process, including a complete disinfection of permanent housing canisters, Novo's cartridges are changed in seconds and are far more sanitary.

Some of the reasons why CPPS is proud to carry the Novo 475 Pro Series Reverse Osmosis Drinking Water System are:

- Its sophisticated 4-stage filtration system
- Bayonet-style disposable cartridges are quick to install and more sterile
- Includes faucet and 3.0 gallon NSF Certified storage tank
- 3/8" tubing for high product flow rate from tank to faucet
- Tubing labelled for easy configuration
- Quick connect fittings, inlet saddle and drain saddle for easy installation
- Booster pump model with inlet solenoid
- Color cartons make for a great display

Contact your CPPS Sales Representative for more information on Reverse Osmosis systems or to download CPPS' Water Treatment PDF, [click here](#).



We look forward to your business and partnering with you to help drive your growth in 2013.

Sincerely,

Robert Martini
Vice-President General Manager