

Subject: News from Canpipe



Canadian Pipe & Pump Supply
Waterwell Drilling Supplies Environmental
Monitoring & Drilling Supplies

Waterwell and Groundwater Monitoring Newsletter

April 2013

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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.

Sterilene: Save Money and Get Fewer Call Backs

For decades the Canadian groundwater industry has been using chlorine without fully appreciating the physical process of effective well chlorination. Typically, when a failure occurs, more chlorine is used with the belief that this will fix the problem. After multiple failures, a variety of other approaches such as UV light systems or constant chlorine injection can be attempted. In extreme cases, the well is abandoned entirely, with the root cause of the failure never being truly understood.

There are many factors that can create problems in the successful chlorination of wells, including:

- pH of the natural water affects the biocidal properties of standard chlorine
- Standard chlorine will drastically change pH, reducing effectiveness
- Physical problems in wells, like a grout failure, a rock crack or a corroded steel casing can allow an unchecked source of bacteria to persist
- Mineral or slime deposits in older wells can shelter coliform bacteria

The use of regular granulated chlorine can cause a dramatic rise in the pH, making it more oxidative, which requires it to be mixed with an acidic solution to be effective - driving up costs and

creating potential mixing problems. Most off the shelf liquid solutions (like bleach) have their own drawbacks; including a short shelf-life, losing 20% of their effectiveness every month and being severely corrosive to metal parts.

Design Water Technologies has created an industry leading product call Sterilene™ that replaces standard chlorine and the need to premix with ChloralPal or vinegar. Sterilene™ is 200 times more effective at removing the environment for coliform bacteria in wells (without premixing) and controlling pH. Some of its other benefits are:

- Competitively priced
- NSF 60 Certified
- Granular and easy to mix (even in cold water!)
- No oxidizer label, meaning no shipping or storage issues
- Unlimited shelf life
- Easy to use

Sterilene™ is now available through CPPS. Next time you speak with your CPPS Representative, be sure to ask how this product can help your company save time and money. To learn more about this product, [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