



ITT

Newsletter

ITT Water & Wastewater Canada Public Utilities
Summer 2008

ITT Water & Wastewater Canada is pleased to present you with its **Summer 2008 Public Utilities Newsletter**. We hope you find the contents both informative and of interest. The intent is to publish several issues each year with articles of interest to the ITT Water & Wastewater customers regarding processes, products and events of interest to the Public Utilities Market in Canada.

Should you have comments or suggestions for topics you would like addressed in the future, please contact:

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Our New FRP TOP Stations **A complete Pre-Engineered Pump Station**

We are pleased and excited to announce the launch of the Flygt TOP pre-engineered fiberglass pump station. This new package will give you all the advantages that are available from an FRP station, such as extended life and ease of installation, together with the knowledge that it is designed by ITT W&WW, who have been involved with pump stations and pump station design for decades. Some of the advantages are:

- Pre-engineered, factory pre-assembled with pre-installed internal piping.
- Helical wrap-wound station provides structural strength in two planes
- Stations available in 4', 5' and 6' dia.
- Factory installed discharge piping penetration seals
- Safe-Hatch™ access cover is integral to the aluminum station lid.

To take advantage of all the benefits that the FRP TOP station brings or to learn more about them please contact your nearest ITT Water & Wastewater office.

[➔ Link to brochure in PDF](#) [➔ Link to product page](#)



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Leopold.

Engineered for life

Introduction of the new ITT Water & Wastewater organization

At the beginning of 2008, two divisions of ITT, i.e. ITT Flygt, with its long history of excellent submersible pumping and mixing technology, and ITT Advanced Water Treatment, with its expertise in treating water and wastewater, merged into one business to better serve the water and wastewater transport and treatment market. As a means to introduce the new division, we have started a series of day-long presentations across Canada to give our customers an overview of the many products and services that are available from this more integrated business. Sessions have been held in Toronto and Montreal. Additional sessions are scheduled in September for Vancouver and Calgary. Other sessions are being planned for other locations as well.



The article at right highlights one of these products and services, specifically the Leopold underdrain range of products that provide significant advantages in filtration process for drinking waters.

Important new CSA regulations may impact wastewater pump station design

Were you aware that recent changes to section 22-700 of the CSA regulations can require that pumps installed in the wet well of a pump station be designated as suitable for hazardous locations rated for Class 1 Division 1 locations unless sufficient continuous positive pressure ventilation is provided. With sufficient continuous ventilation, then the pumps designated as Cl. 1 Div. 2 by CSA can be used.

These new regulations are being incorporated into the local regulations in due course.

ITT Water & Wastewater has long provided pumps that are approved for use in installations requiring Cl.1 Div 1 or Cl.1 Div.2 ratings. As such, we still provide the best pumps for use in wastewater pump stations.

Many of our sales and service offices are also designated by CSA as authorized EX repair facilities. We can therefore repair any of your Flygt Cl. 1 Div. 1 pumps and still maintain their Cl. 1. Div. 1 designation.

You may want to check with your local authorities having jurisdiction to learn when these new regulations will be implemented.

Remember to contact your local ITT Water & Wastewater for all your needs for wastewater pumps.

Leopold

With concerns for water quality and availability ever increasing, there will be more widespread use of water recycling technologies to produce drinkable water.

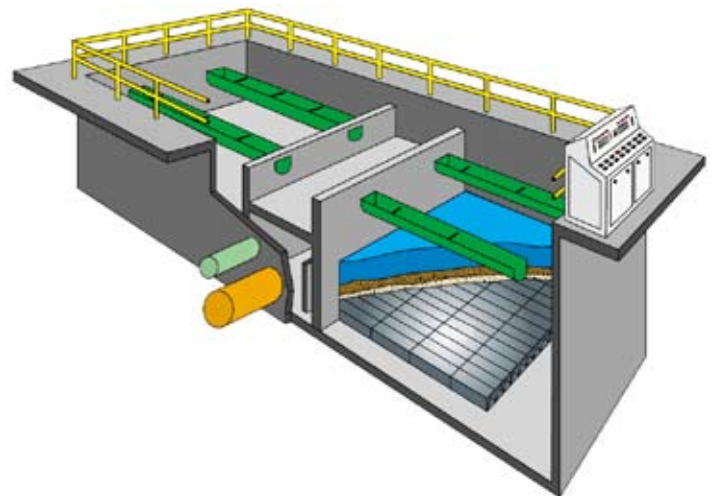
Leopold filtration systems are an integral part of the treatment scheme that makes it possible to produce drinking water from recycled sources.

For nearly 85 years, the Leopold brand has been synonymous with rapid gravity media filtration solutions which basically involve passing pretreated water through a bed of sand, anthracite coal, granular-activated carbon, garnet or a combination – with media support for particulate removal and polishing.

The heart of the filtering system consists of effective underdrains performing optimum “backwashing” of media that became dirty during the filtering. The Leopold process, as the last step prior to disinfection of water, is a crucial step in the production of drinking water.

Other products and solutions from the ITT Water & Wastewater family, such as our Wedeco UV or Ozone disinfection products and systems or the Leopold Clari-DAF clarification systems can be bundled to provide you with a common solution provider - ITT Water & Wastewater.

Please visit our website www.ittflygt.ca to find the sales representative or sales office near you.



ITT W&WW Canada Public Utilities Newsletter

is published by **ITT Water & Wastewater Canada**
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