



580 Park Street, Regina, SK S4N 5A9 • 265 Industrial Road, Cambridge, ON N3H 5N3 January 2001 Volume 3 Number 1

NAIT/USF WaterGroup - Partners in Water Treatment Education

The Northern Alberta Institute of Technology (NAIT) has been a leading technology institute in Edmonton since its inception in 1963. NAIT offers more than 170 programs leading to certificates, diplomas, and applied degrees, as well as 35 apprenticeship programs. The apprenticeship programs include, but are not limited to, the Pipe Trades and the Plumbing Apprenticeship programs. Both of these are operated out of their facility at 12204 - 149th Street in Edmonton.

USFWaterGroup is proud to be involved with the Water Treatment Training of NAIT's fourth year Plumbing Apprentice Students. Shown here is the recently renovated water treatment facility. This area boasts a complete facility offering contamination of the feed water with either calcium chloride (hardness), chlorine, iron, or a combination of the three. The contaminated water can then be run through the appropriate units and tested on the discharge side for their effectiveness. The systems installed here include all models of Novatek water softeners (Econoflo, Metermatic, Metermatic SE, and Logic), Chemical Free and Greensand Iron Filters, Activated Carbon, Multimedia, and Neutralizing Filters, Ultraviolet Sterilizers, and both residential and commercial Reverse Osmosis systems. The WGR150 Commercial Reverse Osmosis system is producing water for consumption in the building.

In addition to this being a mandatory course for the fourth year Plumbing Apprentice program, the water treatment facility is also used by the Steam Fitters, Pipe Fitters, and the

HydroGeological Technology students. In total, the Pipe Trades Program handles approximately 1200 students per year.

The facility is impressive and USFWaterGroup is proud to have a partner in water treatment education like NAIT. We would also like to congratulate the Pipe Trades staff on a job well done on the new water treatment facility.



Inside **INFLOW** ...

 Dealer Profile  Promotional Tools  Service Call  Featured Products

Dealer Profile: Weitzel Pumps and Water Treatment Shakespeare, Ontario

Weitzel Pumps & Water Treatment, located in Shakespeare, Ontario, has been a USF WaterGroup customer for as long as owner, Wayne Yantzi, can remember.

"I think we (Weitzel) were doing business with USF WaterGroup before I started working here," explains Yantzi.

Wayne Yantzi started with Weitzel in 1987 when he worked for the previous owner. Even before he bought and took over the business in 1996, Wayne was a real champion in driving and integrating the business, which was almost exclusively well water products, towards water treatment products.



Wayne Yantzi of Weitzel Pumps and Water Treatment

Wayne's vast knowledge in the water treatment business has provided him the

opportunity to sell USF WaterGroup commercial products to municipalities, industrial and agricultural applications.

Currently, Weitzel's product mix consists of 60% pumps and 40% water treatment products.

Weitzel's is a Duro Key Dealer. When asked what was the biggest benefit of being a Key Dealer, Yantzi has this to say, "The greatest benefit of being a Key Dealer with USF WaterGroup is being able to call in (to the Customer Service / Order Desk) and speak directly with the most qualified people in the field."

Weitzel's also take advantage of the co-op advertising and feel there is a mutual benefit in that program.

Promotional Tools – AquaFlo UV Poster and Mailer

By now most of you have received or at least seen the new AquaFlo UV Poster and Mailer. These two pieces are now available to help promote the AquaFlo UV Sterilizer. You can order these items by contacting your DSM.

Left:
Item #57359 (24" x 36")
Full Colour

Right:
Item #57358
(3 5/8" x 8 1/2" folded)
Full Colour

Service/Installation Tip

Plastic By-Pass Water Flow Path Positions

Generally, when installing a domestic water softener and filter a bypass is also installed. This ensures that the softener or filter can be bypassed in the event that the unit requires servicing. Almost all USF WaterGroup domestic softeners and filters come with a plastic bypass. Below are four different positions with a definition and drawing to help explain the flow path of the bypass.

1. By-pass: This will allow the water to flow in the inlet, and out the outlet of the plastic by-pass, by-passing the control valve.



2. Service: This will allow the water to flow in the inlet of the plastic by-pass, to the control valve, and water flow to the outlet.

3. Checking Backflow (Cross Connection Check): The inlet water



flow to the control valve and the by-pass will be closed. Outlet will be open to control valve.

4. By-pass & Valve Servicing: This will allow the water to flow in



the inlet and out the outlet of the plastic by-pass, and to the inlet of the control valve.



H₂O Problems/Solutions

Problem:

A customer, with a family of four, has concerns about the quality of drinking water in their home. A water sample was tested at a local provincial lab and a complete analysis was conducted. The customer would like to know how to improve the quality of the drinking water.

Water analysis:

Hardness = 30 gpg

TDS = 750 ppm

Iron = 0 ppm

Tannins = 0 mg/l

Manganese = 0 mg/l

H₂S = 0 ppm

pH = 7.3

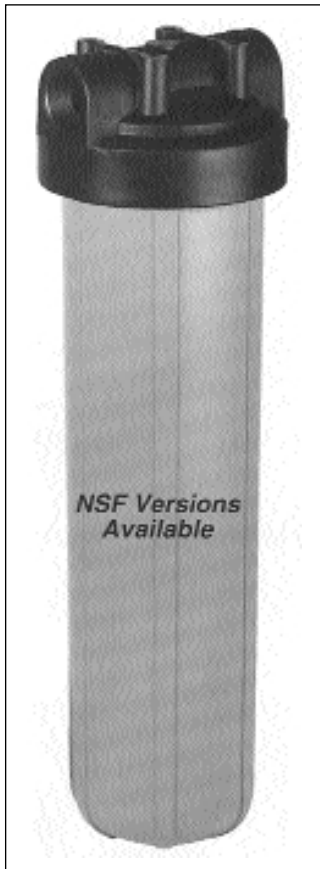
Total Coliform = 2

Solution:

The entire water system should be shock chlorinated before installing any equipment. Next, install a 30,000-grain water softener to remove the hardness. For the coliform problem, install an ultra violet sterilizer system. This would include a pre filter, sterilizer, and a flow restrictor. The size of the ultra violet sterilizer will depend on the customer's desired flow rate.

Note: A complete water analysis should be done (at a local provincial lab) after the system is installed to make sure it is functioning properly.

Featured Product!



Big Blue Filter Housings

***NEW PRODUCT!**

*** Now available with 3/4" porting**

Contact your wholesale distributor for special pricing in effect on specific Plymouth Filter Cartridges, Big Blue Housings and Aqua Flo Point-of-Use Filters.

***Quality Products Produce
Quality Water!
For more information,
please contact:***

**USF WaterGroup
Toll-Free 1-877-288-9888**

Mother's Nature

It takes around 37,018 gallons of water to make a new car and 2,072 gallons to make the tires.

*Source: Interesting Water Facts,
<http://www.caosclub.org>*

To receive complimentary issues of Inflow (published quarterly), please call, fax or mail your return address to:

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Please include any information you would like covered in future issues of InFlow - or if you have questions that need answering, our phone lines are open. Your insight is our success!