



Cleaner, more consistent water

Membranes

*Ultrafiltration • Nanofiltration • Reverse Osmosis
• Membrane Bioreactors*

- ✓ *Less maintenance, no replacement filter costs, lower chemical cost*
- ✓ *Small footprint / easy to implement*
- ✓ *Choose the most cost-efficient membrane for your source water*

Water users are happier with the higher, more consistent quality of water that is being delivered by membrane technologies. Reverse osmosis is widely integrated for wastewater and for reusing water. Other membranes such as ultrafiltration have become economically feasible for smaller systems with challenging water such as high turbidity and high TDS.

BI Pure Water has been implementing membrane technologies into a variety of potable water, process water, and wastewater plants for years, especially for challenging, remote or small-medium sites.

BI Pure Water is an OEM for all major membrane manufacturers:



MARTIN
Membrane Systems




seccua

 **PENTAIR**



Custom Engineered Treatment Systems



Ultrafiltration is used by a resort community on a turbid river, lowering chemical and maintenance costs



To reduce the high TDS, ultrafiltration is used in hydro power sites in British Columbia, Manitoba, and Saskatchewan potash site (see right)



Small RO unit recycles wastewater at a remote oil & gas camp, saving a half million dollars a year in wastewater disposal

Some recent membrane projects:

See our website for more projects and case studies

- 2016 Swan Hills Waste Treatment Centre, AB
process water reclamation-RO/UF skid
- 2015 Horizon North Camps & Catering, AB
brackish water recycling-RO skid
- 2014 Transalta Keephills, AB
Ultrafiltration package plant
- 2014 Transalta Sundance, AB
RO package plant
- 2012 Canfor Pulp, BC
Ultrafiltration skid unit
- 2011 Trilogy Environmental/SAIT, AB
pilot RO package plant for small communities
- 2011 Rivershore Estates, British Columbia
Ultrafiltration package plant
- 2011 Toba Montrose Hydro Power Plant, BC
Ultrafiltration package plant
- 2010 Town of Roblin, MB
RO package plant
- 2009 Rushmere, BC
Ultrafiltration package plant

Reverse Osmosis



Roblin, Manitoba

Ultrafiltration



Swan Hills Waste Centre, Alberta

Membrane Bioreactors



MBR sewage and water treatment package plants at Yukon Zinc



Service Plans
Ask about our Gold-Silver-Bronze Service Packages



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award winning design
& manufacture*



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Custom Engineered Treatment Systems