

## Canadian Mine

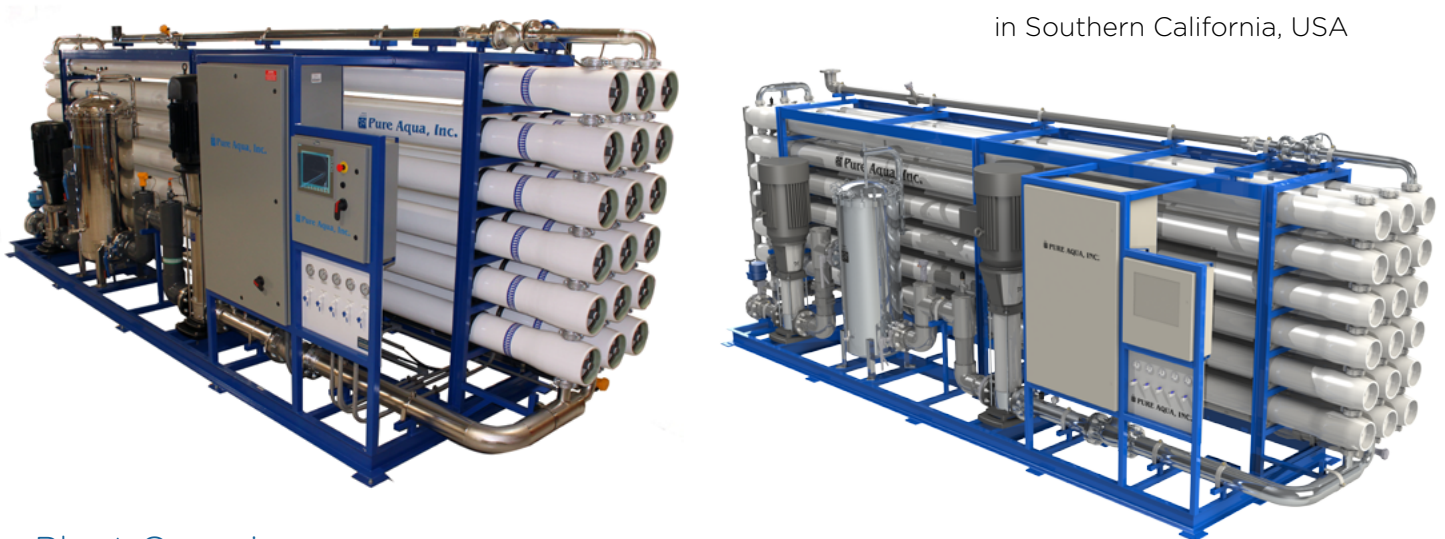
Pure Aqua, Inc. designed and manufactured two Reverse Osmosis (RO) units for an open pit mine in Canada. The objective was the removal of Nitrate and Selenium to meet stringent environmental discharge limits. The feed capacity was 1.7 MGD, split into two identical units. The time sensitive project was delivered in 10 weeks.

2012

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Designed and Manufactured  
in Southern California, USA



## Plant Overview

Location:	Canada
Objective:	Selenium (Se) < 3 ppb
Water Source:	Open pit mine
Feed TDS:	< 1,000 ppm
Plant Capacity:	1.7 MGD feed capacity 1.2 MGD permeate (RO product) capacity
Membranes:	Filmtec XFRLE-400/34i, Quantity 126
Auxiliary System:	Cleaning skid (CIP) and anti-scalant chemical dosing system
Control System:	PLC controlled with color touch screen



Pure Aqua Inc. is an ISO:9001 certified company with over a decade of experience in advanced system design and manufacturing.

Using the latest technology in 3D Computer Aided Design (CAD) software allows for highly detailed and functional design. This reduces material cost and environmental impact, while maintaining quality and reliability.