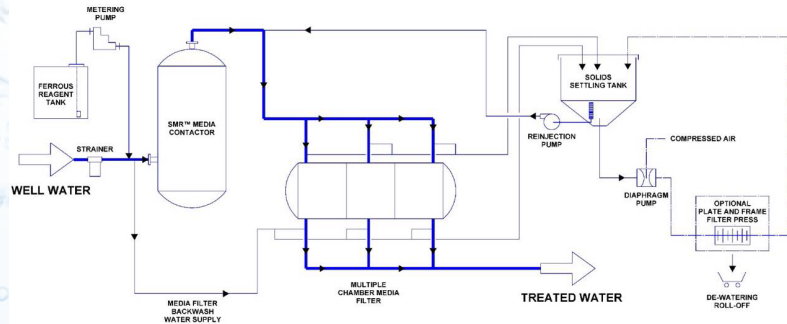
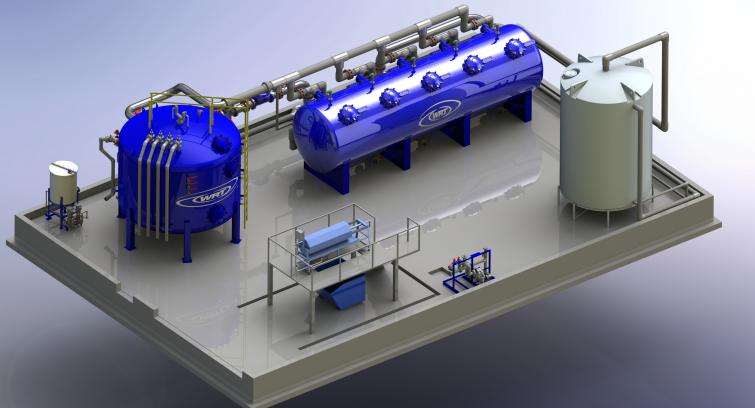




HEXAVALENT CHROMIUM REMOVAL with WRT's Selective Metals Reduction Process



SMR™ Process Flow Diagram

An Affordable Solution for Chromium Removal

WRT's proprietary SMR™ (Selective Metals Reduction) Process for the removal of hexavalent chromium [Cr(VI)] is the most environmentally responsible choice to provide safe, operator friendly, and affordable drinking water to your community.

The SMR™ Process utilizes a fluidized bed of proprietary WRT SMR™ Media. The turnkey process simultaneously facilitates reduction, oxidation and precipitation followed by solids filtration. Solids generated by the process are separated, settled, and thickened for solid waste disposal.

SMR Features

- ✓ Reduction of chrome VI to comply with the California MCL of 10 ppb for regulatory compliance
- ✓ Successfully piloted and documented in the State of California
- ✓ No media exchange, regeneration process, or brine liquid waste
- ✓ Minimal water loss, >99% efficiency
- ✓ Minimal maintenance and operation compared to ion-exchange treatment processes
- ✓ Significantly lower operating costs compared to RCF or IX systems
- ✓ Complete turnkey package of services can be provided on a long-term contract basis



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