

Muckleshoot Water Treatment Plant, Auburn, WA



Objective: New plant utilizing cost-effective treatment that would be a safe alternative to chlorine gas

Requirements: Minimize chemical feed equipment
Easy operation and maintenance

Process: An OSEC BP Series sodium hypochlorite on-site generation systems was installed to produce 25 pound per day of .8% chlorine solution. The system utilizes the 10 ton brine tank for the ion exchange system, so no handling of the salt is required.

A chemical metering pump skid with three Encore 700 metering pumps was provided. One for pre-filtration, one post-filtration and one redundant.

The plant is using the new MFC Analyzer/Controller for chlorine and pH measurement. The analyzer consists of the multi-function controller with two flow cells.

