

## Tualatin C-2 Reservoir

## US SPEC PRODUCTS

**US SPEC Products:** MP Grout

**Contractor:** Clackamas Construction/Contech

**Engineering Group:** CH2M Hill

**Date of Completion:** August 2015

When it comes to preparing for an earthquake, it's better to be safe than sorry. The City of Tualatin (near Portland) heeded this message by approving a project that involved grouting beneath the Tualatin C-2 Reservoir to help keep it stabilized in the event of seismic activities. In other words, they didn't want the tank to tip over if there was an earthquake.

Since there was very low clearance at the base of the water tank, the engineering group, CH2M Hill, wanted a grout product that offered high flow, excellent pumpability, high early strengths and ease of use. After previously using a competitor's product that failed, it was of extreme importance for the engineer to choose wisely the second time around. After a period of product testing and in depth on site training, the product selected to complete the job was US SPEC MP Grout. Forms were constructed around the structure and MP Grout was pumped in. MP Grout performed beautifully. There were no voids and strengths were high. CH2M Hill and the contractor, Clackamas Construction, were very pleased with the results.

MP Grout is designed to provide high flexural and compressive strength performance from plastic to fluid consistencies. MP Grout is non-metallic, non-shrink, non-corrosive and contains no added chlorides. MP hardens free of bleeding, segregation and shrinkage and exhibits excellent flowability.

CH2M Hill was so impressed with the performance of MP Grout as well as with the drive and initiative our sales representative demonstrated, MP Grout was added to their Master Specification for Category II Non-Shrink Grouts.

