

# 2.0 MG CASINO ELEVATED WEST TANK AND 35 MGD PUMP STATION

Tank Industry Consultants, Inc./City of Everett, Washington



## KEY PROJECT HIGHLIGHTS

- Maintained service to City's distribution system throughout construction
- Complex construction sequencing requiring coordination between system operation and construction
- Replacement of the existing pumps with four 200 hp 6,000 gpm units
- Seismic modifications to the existing pump station structure
- 42-inch diameter cement mortar lined and coated steel pipe and fittings
- 36-inch diameter ductile iron pipe and fittings
- Large diameter isolation valves, flexible connections (FLEX-TEND®), and magnetic insertion-type flow meters
- 42-inch line-stops for system isolation
- Pressure release/pressure reducing station
- 36-inch diameter HDPE overflow piping system and automated dechlorination system
- Stormwater drainage system upgrade with a below-grade detention facility
- Golf fence, security and site improvements



TANK INDUSTRY CONSULTANTS



Murray, Smith & Associates, Inc.  
Engineers/Planners

Washington | Oregon | Idaho