

Drinking Water State Revolving Fund



City of Raymond

Reservoir Rehabilitation Project

A structural assessment of the city's three-million gallon Raymond Heights steel water reservoir revealed corrosion that required action by the city both with recoating and repairing zones of higher corrosion. The City of Raymond utilizes a surface water source of supply, which it disinfects to meet requirements of the Surface Water Treatment Rule. Residual disinfectant in potable water greatly improves public health protection, but in low alkalinity water (surface water), it can also lead to corrosion. This funding provided for rehabilitation of the reservoir's corroded steel interior, coating preparation and application, installation of a new security fence, ladder and vents, and development of an asset management program. Raymond applied for and received a Drinking Water State Revolving Fund construction loan for:

- 💧 \$1,040,300, at 1.25 percent interest, with a twenty-year repayment period.

Public health and ancillary benefits

These upgrades protect against contaminant entry to the potable water supply, lengthens the lifespan of the existing reservoir, and reduces regular risk to water system operators.



Raymond Heights Reservoir prior to coating application