

11-1 A & B Star Lake Tank / North Hill Tank Recoat

The Star Lake Tank is a 2.5 MG standpipe that provides storage for the 560 pressure zone in the southern portion of the District. The North Hill Tank is located at the intersection of S 208th St and 5th Ave S and provides 1.0 MG of storage for the 490 pressure zone. The existing tank coatings are nearing the end of their useful life. The Star Lake Tank Recoat and the North Hill Tank Recoat projects are identified in the 2008 Comprehensive Water Plan as CIP No. 24 and 25,



Figure 11-1.1 – Star Lake Tank Interior

respectively. The two projects (11-1 and 11-2) have been combined into one project (11-1 A&B) for economies in design and construction.

The project scope includes the complete removal and replacement of the interior coatings of the Star Lake Tank and the interior and exterior coatings of the North Hill Tank. A complete removal was recommended due to the significant age and condition of the existing coatings. Top coating the exterior

rather than removing and recoating may cause the new coatings to prematurely fail.

For the North Hill tank, lead was detected in the primer coat of the exterior; therefore, complete encapsulation and mitigation will be required for the removal and lawful disposal. In addition, extensive coordination with the existing communication companies will be required who lease equipment on the exterior of the tank.

HWD started design services the summer of 2011. Roth Hill, LLC was selected to perform the design and construction observation services. The project is scheduled for advertisement in March 2012 for construction in late spring 2012. The North Hill Tank will be recoated first during favorable weather in the summer. The Star Lake Tank will follow in early fall during times of reduced demand and will be completed by the end of the year.

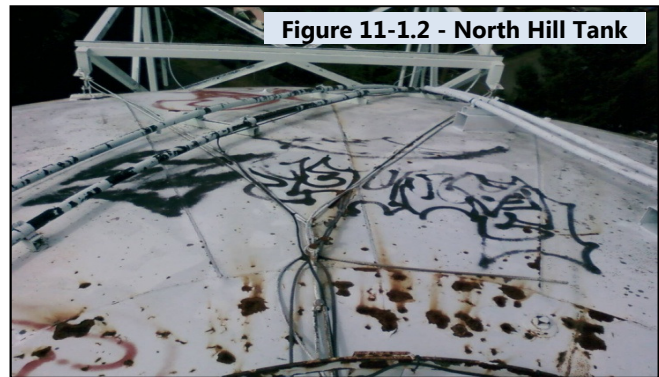


Figure 11-1.2 - North Hill Tank

The anticipated project cost is \$979,000, with \$51,000 and \$928,000 allocated in the 2011 and 2012 budgets, respectively. The project will be funded by rates.