

**Construction Method:** **Microtunneling**

**Project:** **Clearview Water Supply Project,  
Alderwood, Clearlake, and  
Cross Valley Water Districts**

**Location:** **Everett, Washington**

**Date:** **2000-2004**



**Job Scope:**

- ❖ Microtunnel Design Review
- ❖ Contractor Pre-Qualification
- ❖ Specialized Construction Management



**Project Description:**

Staheli Trenchless Consultants reviewed the design and geotechnical baseline report for two 54-inch microtunnels beneath the Snohomish River and the BNRR. The Snohomish River Crossing was 1,100 feet in length through gravel, cobbles, boulders, soft sediments, and buried logs. The river crossing was constructed from a 90-foot deep caisson to a 130-foot deep auger drilled shaft.

STC further assisted in developing contractor qualification criteria, including process and evaluation.

During construction, Staheli Trenchless provided full-time specialty construction inspection for all tunneling operations. The specialized CM focused on collecting tunneling data to protect the Owner against claims.



**Reference:**

Dan McDonald, Project Manager,  
Montgomery Watson (425) 881-1100.