



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

**Project:** Morse Lake Pump Plant Project

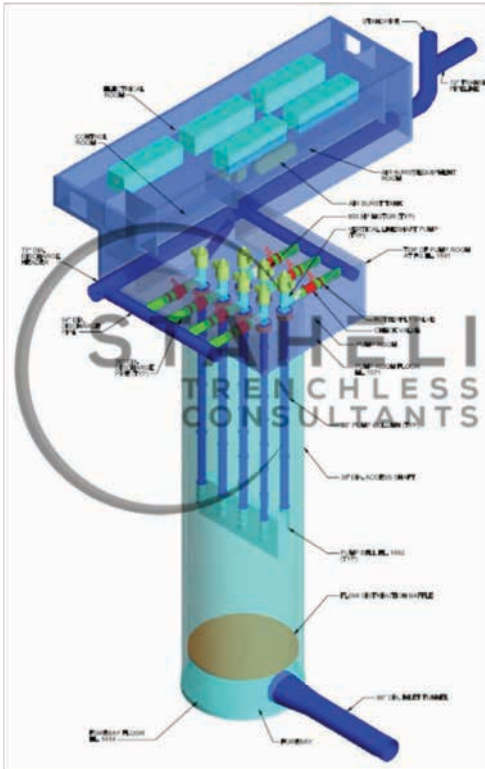
**Location:** Seattle, Washington

**Job Scope:**

- ❖ Feasibility Study
- ❖ Cost-based Risk Analysis
- ❖ Geotechnical Review

**Project Description:**

Staheli Trenchless Consultants evaluated the feasibility of microtunneling a lake tap into Morse Lake. The project included a pump station to access previously inaccessible water supplies in the City of Seattle water reservoir at Morse Lake. Based on preliminary geotechnical conditions a cost loaded risk matrix was developed to evaluate various trenchless options to outfall into the lake including a drill and blast tunnel and a microtunnel.



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