



**PROJECT:**

***Dykstra Levee Rehabilitation – Green River***

This project required the complete reconstruction of 615 linear feet of levee along the Green River in Auburn, Washington.

The depth of excavation for reconstruction was approximately 18 feet, a depth which placed us 3 feet below water level at low flow.

Access for reconstruction of this portion of levee was severely limited through a residential area. The levee easement had only one point of entry which also had to function as the exit point. The proximity of homes and finished yards, often encroaching into the easement, meant there was no room for stockpiles. All excavation was required to be offhauled and disposed and all embankment, rip-rap, filter media, topsoil and other rock products had to be imported. The necessitated careful planning of daily operations to prevent bottlenecks. Cleaning of the streets was a daily requirement in order to comply with local ordinances and the neighbor's desire to not have their neighborhood look like a construction project.

Contract aware and subsequent NTP were not issued until early summer, after the in-water work window had already commenced. This effectively shortened the duration available for physical work since the in-water work window and the official flood season remained fixed. This project finished ahead of schedule.

***Project Highlights:***

- 615 LF of Levee
- 6,200 CY of Excavation
- 2,600 CY Embankment
- 2,800 CY Rip-Rap & Filter Blanket
- Limited Access
- In-Water Work Window

***Project Vitals:***

- **Client:** US Army Corps of Engineers, Seattle District
- **Location:** Auburn, Washington
- **Contract Amount:** \$1,228,946.42
- **Duration:** July 2008 – October 2008
- **Contract #:** W912DW-08-D-1010 #0002
- **Amount Self-Performed:** 42%
- **NAICS Code:** 237990

