



## **PROJECT:**

# ***Reconfigure Tukwila Levee Site 3 – Green River***

Cherokee Construction as the **prime contractor** was tasked to complete reconstruction of 615 linear feet of levee along the Green River in Tukwila, Washington.

The depth of excavation for reconstruction was 27 feet, a depth which placed us 3 feet below water level at low flow/low tide.

This project was the last Green River levee project started in 2008. While access was fairly good, it was through 2 very busy commercial parking lots. One adjacent business was particularly sensitive to ground vibration in their manufacturing processes, so we instituted a program for monitoring vibration and building settlement. Ultimately, no issues arose, even though the embankment process and the continuous heavy truck and equipment traffic. 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. Cleaning of the streets was a daily requirement in order to comply with local ordinances.

Contract award 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. In spite of the very late award and NTP, this project was finished approximately 1 month ahead of schedule.

## ***Project Highlights:***

- 820 LF of Levee
- 23,900 CY of Excavation
- 5,900 CY Embankment
- 6,700 CY Rip-Rap & Filter Blanket
- Base & Pave Roadway on Top of Levee
- In-Water Work Window

## ***Project Vitals:***

- **Client:** US Army Corps of Engineers, Seattle District
- **Location:** Tukwila, Washington
- **Contract Amount:** \$2,408,573.00
- **Duration:** July 2008 – October 2008
- **Contract #:** W912DW-08-D-1016 #0001
- **Amount Self-Performed:** 29%
- **NAICS Code:** 237990

