

Palasan River Floodwall

Manila, Philippines

- > **Installation:** TW80
- > **Linear Feet/Meters:** 1800 Linear Meters
- > **Sheet Lengths:** 11.95 Meter
- > **Soil Conditions:** Silt, sand, and Clay
- > **Existing Wall:** Earthen Dike
- > **General Contractor:** Various
- > **Design Engineer:** Philippine DPWH
- > **Installation Method:** Crane Mounted Vibro Hammers

> **Project Details:**

The Palasan River has had several major flood events recently, with the existing dike being breached by over 2 meters. A new taller dike was needed. Tidewall TW80 sheets were embedded to a depth of 8 meters, creating a vertical flood barrier 4 meters high. This wall was tied back to a concrete pile structure for support. The space between the tidewall and the concrete piles was then filled in with soil to create an effective flood barrier that was also functional as an elevated walking/biking trail.

