

The Marin County Flood Control and Water Conservation District (Zone 4) completed the revegetation component of the Saltworks Canal Biotechnical Bank Stabilization Project in November 2007. Saltworks Canal is located in the unincorporated community of Strawberry Circle adjacent to Tiburon Boulevard (State Highway 131).

The west bank of Saltworks Canal was severely eroded by tidal currents that resulted in the loss of property and the toppling of backyard fences.



Pre-Project

The early phases of the program included the construction of interior drainage, a pump station, and a seawall.



Post-Flood Wall

In June 2007, the Flood Control District used a biotechnical bank stabilization technique to stabilize and enhance the bank. They installed coconut fiber logs and gabions and native vegetation (cord grass and salt grass) along linear sites adjacent the seawall. The coir logs/gabions will provide a stable structure for root growth. As the logs decompose over time deep-rooted vegetation will establish to act as a self maintaining erosion control system.



Post-Coir Log Installation

In November 2007, native woody plant species were planted (coyote bush and toyon) to further stabilize the upper portions of the bank. The final phase of the project will be to install an emergency backup generator for the pump station.



Post-Project