
CLEAN WATER SERVICES

Fanno Creek Bank Restoration—Crawford Property

Beaverton, Oregon



from top: During construction; Immediately after restoration

Woody debris structures provide bank stability and habitat enhancement to an urbanized creek.

Fanno Creek is an urbanized tributary of the Tualatin River. Storm flows eroded a section of the creek on private property in Beaverton, Oregon and contributed large amounts of sediment into the channel. Clean Water Services worked with a private landowner to gain cooperative access to the reach to perform assessment and design work.

Biohabitats worked with CWS staff to install a bioengineered stream bank stabilization structure. Materials included over 20 root wads, 40 logs, slash, willow cuttings, and coir fabric lifts. Project elements included the diversion of Fanno Creek

and dewatering of the isolated work zone. Biohabitats used 10" electric submersible pumps to divert up to 10 cubic feet per second throughout the duration of the project. Biohabitats coordinated fish rescue and salvage efforts.

The reach now has bank stability that includes a large woody debris habitat element providing cover for fish and other aquatic species during high flow events. When Fanno Creek accesses its floodplain, the floodplain structures provide a measure of habitat cover as well.

SERVICES

Construction

conservation planning
ecological restoration
regenerative design



800.220.0919

www.biohabitats.com

