

## 61160-2011-1062 Jocko River Native Trout Restoration

**State(s):** Montana

**Managing Agency/Organization:** U.S. Fish and Wildlife Service

**Type of Organization:** Federal Government

**Project Status:** Canceled

**Project type:** Community Project

**Project action(s):** Water quantity, Water quality, Fish passage, In-stream and riparian habitat

**Trout species benefitted:** Bull Trout

**Problem:** Historic channel and floodplain disturbance, starting with construction of the Burlington Northern Railroad in the late 1880's, and extending through construction of a 6,500 foot engineered levee by the then Soil Conservation Service in the early 1960's, reduced channel length and available habitat, initiated channel incision, and isolated the river from a wide alluvial floodplain groundwater system.

**Project Description:** Proposed restoration of approximately 12,000 feet of the Jocko River will raise the river bed elevation to its former level and reinstate historical sinuosity, promoting flood flow dispersal onto the floodplain, groundwater recharge, and surface and groundwater interactions. Combined, these will help to stabilize and move base flow conditions to a more natural flow regime. Additionally, the project will move a large instream irrigation pump to an irrigation canal, incrementally increasing stream flows.

**Objectives:**

- 1. Connect 9,000 feet of stream to the floodplain. 2. Develop 4 acres of wetlands. 3. Convert 60% of floodplain cover to native vegetation 4. Increase in-stream habitat diversity

**Partners:**

- Confederated Salish and Kootenai Tribes

**Project cost:** \$1,476,817.00