

Descriptive content and photos for Sites 2 & 3 below are excerpted from the Dry Creek Environmental Assessment completed in 2017. Sites will need to be re-evaluated to determine changes in existing conditions and additional resource impacts that may have occurred in the subsequent years. Proposed design elements will need to be discussed and reviewed with TRWC and TNF staff to ensure concurrence and agreement with restoration actions, estimated cost, potential revision of quantities noted below and anticipated resource benefits.

Site 2

At Site 2, near where the main stem of Dry Creek enters Boca Reservoir, the fluctuating water levels associated with the reservoir pool have caused this portion of Dry Creek to destabilize. This has caused the stream to actively head cut up valley and erode laterally. Proposed restoration would be accomplished by stabilizing the channel with rock riffle work and building step pools to allow fish passage. Approximately 75 yards of rocks would need to be imported to stabilize the headcut and create the step pools. Approximately 1.5 acres would be disturbed to accomplish the restoration. The area proposed for restoration is approximately 1.1 acres along a 150 foot long and 45 foot wide section of channel.

Figure 8: Site 2 (1) Erosion of Channel and (2) Headcut where enters Reservoir



Site 3

There is a large headcut complex in the middle of the valley on the main stem of Dry Creek which is eroding and moving slowly up valley. It has also begun to branch and begin headcuts on small drainages entering the main stem. The entire headcut complex would be stabilized by partially eliminating the gully, by adding rock riffle, and building step pools. This would restore the natural hydrologic function, would raise the seasonal water table, and expand riparian meadow vegetation in the area.

Approximately 75 yards of rocks would be needed to stabilize the headcut and create the step pools, and approximately 1,500 yards of soil/rocks would be needed to fill the gully. Approximately three acres would be disturbed to accomplish the restoration. The area proposed for restoration is approximately three acres along a 625 foot section of the main channel.

Figure 9: Site 3 (1) Large Headcut and (2) Gully downstream from Headcut

