

PHOTOMONITORING

Photopoint 1, facing north



Pre-construction: This old seasonal water retention structure including bridge, wing walls, and sill were removed because it acted as a low-flow barrier to steelhead and Chinook. (July 2007)



Post-construction: Banks were laid back and stabilized with willow brush mattress and toe rock along the north bank. This boulder weir was installed in place of the sill at a height that is passable for fish passage. (Dec. 2007)



Site observed during first high flows of the season where the water level was just several feet from the top of bank. (January 4, 2008)



Site observed after flows subsided. No major erosion noted and flows were being directed toward the center of the channel and a pool created. (January 8, 2008)



PHOTOMONITORING

Photopoint 4, facing south



Pre-construction: Looking at the other side of the old seasonal water retention structure. To accommodate the design, a California black walnut was taken down. (July 2007)



Post-construction: Banks were laid back and stabilized with willow brush mattress and toe rock. Three boulder weirs were installed to allow for easier fish passage and to stabilize the grade of the channel. (Dec. 2007)



Site observed after flows subsided. Minor erosion of the willow mattress was noted along with variable sediment movement on the gravel bar. (January 8, 2008)



PHOTOMONITORING

Photopoint 6, facing west



Pre-construction: Facing upstream at barrier, towards concrete sill and apron of the structure which were all removed in addition to the fish ladder on left. (July 2007)



Post-construction: View facing upstream towards remaining gravel bar from 3rd most downstream weir. (Dec. 2007)



Assessing the site after the rains... January 8, 2008

PHOTOMONITORING

Photopoint 7, facing east



Pre-construction: Facing downstream, towards metal gates. A 2nd washed out fish ladder and concrete debris downstream of the structure were also removed. (July 2007)



Post-construction: View facing downstream from 2nd vortex weir towards 3rd weir. Note construction of willow brush mattress and toe rock along left bank. (Dec. 2007)



After first rains looking downstream, with all 3 weirs being visible. Note channel thalweg is meandering nicely in the center of channel and fish-passable pools are being scoured in front of the weirs. (January 2008)

