

Attachment A
Description of the Project

The project consists of construction of a new creek intake structure and approximately 60 linear feet of intake piping along the bank of the north fork of Willow Creek.

The existing intake structure consists of a 16-inch-diameter slotted steel intake lateral located in a portion of the stream that has been artificially backed up to provide submergence. Water is then conveyed to a two-stage redwood sedimentation box. From there, the water travels by 1,600 LF of 6-inch-diameter aboveground, unlined steel pipe to the existing treatment plant.

The proposed intake will consist of three 10-foot-long sections of 8-inch-diameter stainless-steel well screen buried in a gravel infiltration gallery. The well screen will be manifolded to an aboveground 8" diameter fusion epoxy-lined and -coated welded steel pipe that will terminate at a blind flange near the location of a future pump station.

Excavation will consist of removal of loose rock and gravel from the location of the infiltration gallery. After installation of the well screen and piping, the gallery will be filled with washed, rounded rock back to the level of the existing creek bed. No other excavation or grading is anticipated.

This change does not increase the diversion or use amounts. This license, together with two others, is limited to an annual diversion of 355 acre-feet.

The land where the intake will be constructed was previously used for a parking lot. The land is owned by the U.S. Forest Service and will be leased by the Bass Lake Water Company from the Forest Service for construction of the new intake.

As noted above, the main operational change is the elimination of the sedimentation box. There are no changes in how the water will be used.