

An Alternative Evaluation Report (AER) comparing the following alternatives to facilitate the selection of the preferred alternative for improving the MVID West Canal:

1. The existing canal would be replaced with a pressure pipe system supplied by a river surface water pump station on MVID Property from the Methow River below the town of Twisp, WA. The pipe would begin near the Lookout Mountain Road and end at the current end of the MVID West Canal. Existing users upstream of Lookout Mountain Rd. would be put on individual wells in connectivity with the Twisp River. (Similar to Alternative 2 in Montgomery Report in 1995 and Option 6 from USBR presentation to MVID in 2012).
2. The existing canal would be replaced with a pressure pipe system supplied by groundwater well(s) in connectivity with the Methow River along the pipeline route. The preference is to use wells only near the upper users if feasible. If this is not feasible, additional well(s) near the lower users will be considered. The pipe would begin near the Lookout Mountain Road in Twisp and end at the current end of the MVID West Canal. Existing users upstream of Lookout Mountain Rd would be put on individual wells in connectivity with the Twisp River. (Similar to Alternative 3 in Montgomery Report).
3. The existing canal would be replaced with two separate pressure pipe systems supplied by groundwater wells in connectivity with the Methow River. The upper/middle users would combine and be served by well(s) and a combined conveyance system. Lower users would have separate well(s) and a separate conveyance system to serve users. Existing users upstream of Lookout Mountain Rd would be put on individual wells in connectivity with the Twisp River. (Similar to Alternative 4 in Montgomery report and the preferred alternative by previous MVID board of directors 1995).
4. The existing District would restructure, and most members in the southern end of the west canal would change their point of diversion to individual ground water wells. Those west side users not able to complete wells in continuity with the Methow River would remain in the smaller District, and would be served by shared wells and pressurized pipes. The east side users, outside the E-1 lateral, would also very likely also convert to individual ground water wells.