



STREAMFLOW AUGMENTATION BENEFITS TO THE METHOW RIVER:

- Water from storage will augment flows in the Methow River at a rate of 0.5 cfs for most of the year. Streamflow augmentation will provide the greatest benefit from October through March when flows drop below the MIF 60% of the time.
- Approximately 370 afy or 70% of water withdrawn from the wells will return to the Methow River through the aquifer system. The balance is attributed to evapotranspiration and year-to-year changes in storage.
- About 150 afy of this return flow will augment Methow River flows during low flow winter months from October through March.
- About 86% of groundwater from storage will return to the Methow River to the north near the point where it was withdrawn. About 14% will return to the south near the high school creating a 3-mile bypass reach.

GROUNDWATER STORAGE PROVIDES BENEFITS INCLUDING:

- Reduced losses to evaporation
- Maintain cool water temperatures
- Less prone to contamination
- Volume of stored water is increased without consuming additional terrestrial lands
- Conveyance for return flow to the Methow River

