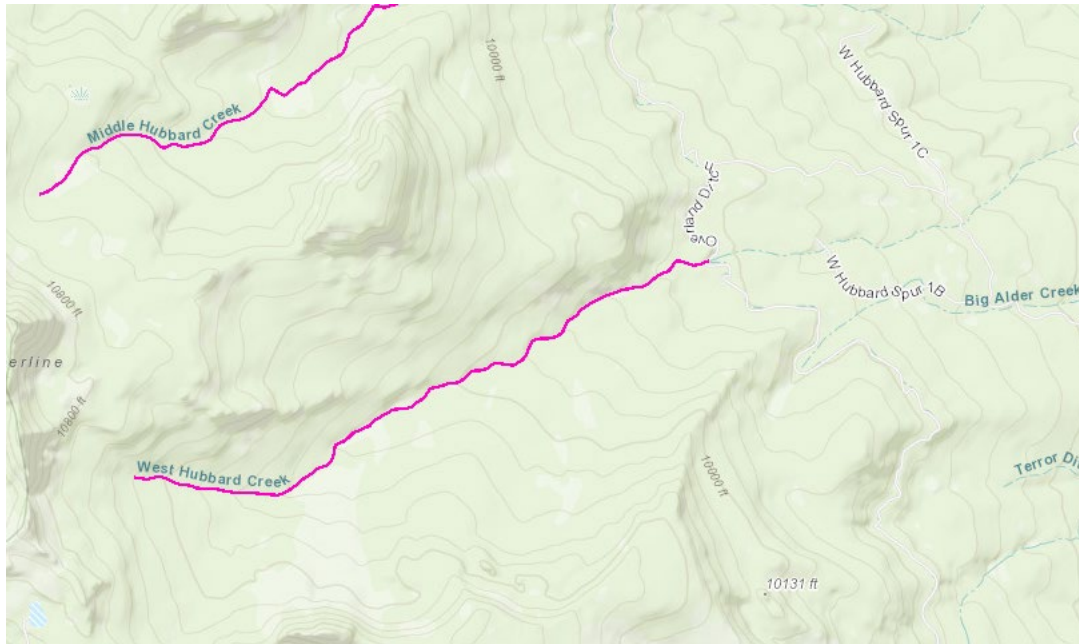


Preliminary Instream Flow Recommendations for West Hubbard Creek in Water Division 4, Delta County to be presented at the January 2025 CWCB Meeting

Recommended Segments & Land Status

CPW is proposing an ISF recommendation on West Hubbard Creek from the headwaters (located at UTM 13S 270549.71 4322507.68) to Overland Canal (located at UTM 13S 273785.08 4323616.26). The reach is approximately 2.3 miles in length. The proposed reach is entirely on public lands managed under the Gunnison National Forest.



Natural Environment and Biological Summary

West Hubbard Creek is a high-elevation headwaters creek which supports a self-sustaining population of Colorado River cutthroat trout of the Gunnison Basin lineage. The creek also supports a healthy riparian area and diverse macroinvertebrate community.

Preliminary R2Cross Results

In 2023, CPW and CWCB staff collected two cross-section data sets on West Hubbard Creek upstream of the Overland Canal diversion structure. The preliminary results of the R2Cross analysis are summarized below.

	Bankfull Top Width	Date Measured	Flow Measured	Flow Meeting Two Criteria	Flow Meeting Three Criteria
1	11.86 ft	8/21/2023	0.86 cfs	0.28 cfs	8.60 cfs
2	11.85 ft	8/21/2023	0.86 cfs	0.52 cfs	4.45 cfs
Recommended Flow Rates:				0.40 cfs	6.53 cfs

The preliminary biological flow recommendation during the baseflow period is 0.40 cfs. The preliminary biological flow recommendation in the summer is 6.53 cfs.

Water Availability

There is a gage on West Hubbard Creek that was maintained by the USGS between 1960 and 1973 (USGS '9132900'). Gage records generally indicate median water availability to meet the preliminary biological flow recommendations. There will be slight water availability reductions during the winter months.

