

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. CS4-00346sb12		
APPLICANT NAME Acheson Ranch	CONTACT NAME Charlie Acheson	TELEPHONE NO. (509)899-3005
WATER RIGHT HOLDER'S NAME (if different)		EMAIL

DATE OF APPLICATION 6-13-2011	PRIORITY DATE September 16, 1889
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WATER SOURCE: Yakima River	CROP: Hay/pasture
INSTANTANEOUS QUANTITY: 27.01 cfs total, 0.29cfs to be placed into trust	ANNUAL QUANTITY: 3,580 afy total, 9.29afy to be placed into trust
PERIOD OF USE: April 1 – October 31	
PLACE OF USE: That portion of the SE $\frac{1}{4}$ and the S $\frac{1}{2}$ NE $\frac{1}{4}$ of Section 23 lying south of Sorenson Creek and west of the Yakima River; that portion of the E $\frac{1}{2}$ SW $\frac{1}{4}$ and the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of said section lying north of the West Side Canal; that portion of the NW $\frac{1}{4}$ of Section 25 lying west of the Yakima River; that portion of the N $\frac{1}{2}$ NE $\frac{1}{4}$ of Section 26 lying north of the West Side Canal; all in T.17N.,R 18 E.W.M.	PURPOSE OF USE: Irrigation and Instream Flow (future)
IRRIGATION METHOD: A combination of center-pivot, wheel line and rill irrigation.	

CONSUMPTIVE USE CALCULATION: Applicant has entered in to an Irrigation Efficiencies Grant agreement to convert 15.7 acres of handline irrigation to a center pivot, with savings being placed into the state Trust Water Rights Program for a term of 15 years. This change will result in no increase to consumptive use. .

NARRATIVE DESCRIPTION OF PROJECT: Water is diverted from the Yakima River into Fogarty Ditch, which connects with Sorenson Creek. Water is redistributed into another section of the ditch for use at the Acheson Ranch. Sorenson Creek continues from the secondary point of diversion and empties into side channels of the Yakima River. This trust water agreement will leave water in Sorenson Creek and Yakima River side channels as a result of reduced diversions at the redistribution point where Acheson's water is diverted. The upgraded sprinkler system will increase efficiency of water delivery to the subject 15.7 acres. The project will save an estimated 0.23 cfs and 9.29 acre-feet of water per year. Saved water would have previously flowed through the Acheson Ranch and returned to the Yakima River at the end of the lower section of Fogarty Ditch around approximate Yakima River mile 149. A result of this project is increased stream flows in the lower 1.6 miles of Sorenson Creek and 1.2 miles of large side channels on the Yakima River.

WTWG Project form

Acheson Ranch IEGP Temporary Trust Water Acquisition

