

# WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. CS4-01603CTCL		
APPLICANT NAME US Bureau of Reclamation	CONTACT NAME Stan Isley/ James Esget	TELEPHONE NO. 575-5848 x 281 Stan 575-5848 x 267 James
WATER RIGHT HOLDER'S NAME (if different) Claim confirmed to Eldon H. and Erliss L. McCormack and purchased by USBR.		EMAIL sisley@pn.usbr.gov jesget@pn.usbr.gov

DATE OF APPLICATION March 31, 2006	PRIORITY DATE November 4, 1886
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WATER SOURCE: Yakima River and Blue Slough	CROP: Pasture
INSTANTANEOUS QUANTITY: 0.20 cfs	ANNUAL QUANTITY: 60 acre-feet

PERIOD OF USE: April 1 through October 31
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PLACE OF USE: Historical: That portion of the north 1400 feet of the SW $\frac{1}{2}$ NW $\frac{1}{4}$ of Section 4, T. 12 N., R. 19 E.W.M. lying west of Blue Slough and east of an unnamed slough. Proposed: Blue Slough from the historical point of diversion to a point on the slough where the secondary reach will begin, then down the slough to the Yakima River and down the Yakima River to its confluence with the Columbia River.	PURPOSE OF USE: Irrigation of 10 acres of pasture and stock water. Proposed purpose of use is instream flow trust water right.
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IRRIGATION METHOD: Flood
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CONSUMPTIVE USE CALCULATION: Using crop irrigation water requirement based on WIG data for irrigation of pasture near the Yakima station and total efficiency of 52 percent, the consumptive use for irrigation is calculated at 3.41 acre-feet per acre, for a total of 34.1 acre-feet per year. An additional quantity may be added to the trust water calculations for consumptive stock water use. Using WIG data the instantaneous consumptive use for ten acres of pasture is as follows:								
	April	May	June	July	August	September	October	
Days	8	31	30	31	31	30	27	
cfs	0.04	0.09	0.11	0.14	0.11	0.07	0.03	
Note that the WIG cites the crop irrigation water requirement begins on April 23 and ends on October 27.								

NARRATIVE DESCRIPTION OF PROJECT: The US Bureau of Reclamation (USBR) purchased the property on April 2, 2001 under the Yakima River Basin Water Enhancement Program's Water and Land Acquisition Program with the intention of following the land and placing the irrigation /stock water right in the Trust Water Right Program. The water will continue to be diverted into Blue Slough to flow through the slough then on to the Yakima River. One objective of this trust water right will be to enhance the habitat of Blue Slough through increasing flow from the historical point of diversion into the slough to the point the water naturally exits the slough. If accepted, a secondary reach will benefit from the fallowed consumptive-use portion of the water right.
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