

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. CS4-00529CTCL/ Court Claim No. 00529		
APPLICANT NAME Sorenson Properties	CONTACT NAME Paul Dempsey, Attorney	TELEPHONE NO. 509-575-6611
WATER RIGHT HOLDER'S NAME (if different) Same		EMAIL pdempsey@halversonlaw.com

DATE OF APPLICATION March 23, 2006	PRIORITY DATE June 30, 1872
---------------------------------------	--------------------------------

WATER SOURCE: Little Wilson Creek	CROP: Rotation crops of hay, corn and wheat
INSTANTANEOUS QUANTITY: 2.3 cfs	ANNUAL QUANTITY: 364 acre-feet per year
PERIOD OF USE: April 1 through October 15, 2006	
PLACE OF USE: Temporary instream flow for the benefit of Little Wilson Creek, Wilson Creek and the Yakima River	PURPOSE OF USE: Temporary instream flow
IRRIGATION METHOD: Flood / rill	

CONSUMPTIVE USE CALCULATION: Using crop irrigation water requirement based on WIG data for irrigation of 35 acres of clover near the Ellensburg climate station and a total efficiency of 35 percent, the consumptive use for irrigation is calculated at 3.22 acre-feet per acre for a total of 112.84 acre-ft/yr. Clover is used as a proxy for calculating consumptive use for timothy hay. Timothy hay was used in the calculations because it is the crop with the greatest consumptive need. An additional quantity may be added to the trust water calculations for consumptive stock water use. Using WIG data the instantaneous consumptive use for 35 acres of clover is as follows:							
	May	June	July	August	September	October	
Number of Days	19	30	31	31	30	18	
cfs	0.29	0.41	0.54	0.43	0.26	0.06	
Note that the WIG cites the crop irrigation water requirement begins on May 13 and ends on October 14.							

NARRATIVE DESCRIPTION OF PROJECT: Sorenson Properties intends to use Ellensburg Water Company (EWC) water on the 35 acres historically irrigated under Court Claim No. 00529 and temporarily place the creek water right in the Trust Water Right Program. Annual renewal of the temporary trust water right is expected until such time as permanent transfer (sale) of the water can be arranged. The 35 acres will not be fallowed, rather it will be irrigated with EWC water. The applicant reports that EWC water has been used to supplement irrigation needs on these fields and will now be the sole source of irrigation water.
--