

2009-12

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

COURT CLAIM NO. A portion of CC No. 2019 (2109)		
APPLICANT NAME Washington Water Trust	CONTACT NAME Jason McCormick	TELEPHONE NO. (509) 607-3513
WATER RIGHT HOLDER'S NAME (if different) WDFW		EMAIL Jason@washingtonwatertrust.org

DATE OF APPLICATION April 24, 2009	PRIORITY DATE June 30, 1873
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WATER SOURCE: South Fork of Cowiche Creek	CROP: Pasture
INSTANTANEOUS QUANTITY: 0.48 cfs	ANNUAL QUANTITY: 104 acre-feet
PERIOD OF USE: Irrigation of 24 acres from April 1 to October 31	
PLACE OF USE: That portion of the S½ NE¼ of Section 36, T. 14N R. 16E. W.M. lying south of Cowiche Creek.	PURPOSE OF USE: Irrigation
IRRIGATION METHOD: Rill Flood	

CONSUMPTIVE USE CALCULATION:									
Consumptive use is based on the Washington Irrigation Guide crop irrigation requirement (NIR) estimate for Pasture/Turf in the Yakima region. In calculating the NIR, Pasture/Turf was used as a comparable crop substitute for habitat grown by WDFW. The average NIR for Pasture/Turf is 39.25 inches per acre annually (WIG season includes April - October). During 2009-2013, from April 1 through October 31, WDFW will be following 24 acres of the 32 acres confirmed and beneficially used under this water right.									
Trusted Portion of the Water Right									
Priority Dates	Qi	Qa	Acres	Secondary Reach Qi	Secondary Reach Qa				
June 30, 1873	0.48	104	24	0.33	79.73				
Net Irrigation Requirement (Clover - Cle Elum, WA) in Acre-feet									
	April	May	June	July	August	September	October	Total	
NIR (WIG)	0.74	5.93	7.18	9.42	7.53	4.8	1.67	37.27	
Percentage of Total	1.99	15.91	19.26	25.28	20.2	12.88	4.48		

All Season Water Use Analysis in Acre-feet.

	NIR	*CIR	Acres	TIR	**CU	***RF
WDFW Property	3.11	4.34	24	104.00	79.73	24.27

* Ea = 71.66 % **CU = 76.66% ***RF = 23.34 % Based on Ecology GUID-1210.

Primary Reach: April 1 - October 31 Monthly Water Use Based on **CU and RF**

	April	May	June	July	August	September	October	Total
TIR (Use Analysis)	2.07	16.55	20.03	26.29	21	13.4	4.66	104

Secondary Reach - April 1 to October 31 Monthly Water Use based on **CU**

	April	May	June	July	August	September	October	Total
TIR (Use Analysis)	1.59	12.69	15.36	20.15	16.1	10.27	3.57	79.73

NARRATIVE DESCRIPTION OF PROJECT:

This is a five year partial donation of a water right confirmed to WDFW in Subbasin No. 18 (Cowiche Creek). WDFW is named as the water right holder and claimant in the Memorandum of Opinion and Order RE: Subbasin 18 Exceptions. WWT and WDFW are proposing a temporary transfer of the confirmed court claim to a purpose of use of instream flow for a period from 2009-2013 via a trust water right donation. The water is to be placed into the state Trust Water Right Program for a period of five years (2009-2013). Our transfer application, on behalf of WDFW, proposes to change the purpose of use from irrigation to instream flow from April 1 to October 31 and change the place of use to instream in the Cowiche Creek Subbasin and Yakima Rivers to the confluence with the Columbia River.