

**WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION**

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral (WBN) Request No. G4-35714 with mitigation from Trust Water Right No. CS4-02255(A)CTCL@2		
APPLICANT NAME	CONTACT NAME	TELEPHONE NO.
Justin and Melissa White	Traci Shallbetter	509 260-0037
WATER RIGHT HOLDER'S NAME (if different)		EMAIL
Swiftwater Ranch, LLC		traci@shallbetterlaw.com

DATE OF APPLICATION	PRIORITY DATE
August 13 <sup>th</sup> , 2014	

WATER SOURCE:	CROP:
Wells (Ecology # AKW-626; AKW-627)	Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY:	ANNUAL QUANTITY:
	0.435 acre-feet/year (afy)
PERIOD OF USE:	
Continuous for indoor domestic use and seasonal for 1,000 sq feet of lawn and garden.	
PLACE OF USE:	PURPOSE OF USE:
Parcel No. 949467, located within SW¼ NW¼ of Section 1, T. 19 N., R. 14 E.W.M.	Domestic and seasonal irrigation
IRRIGATION METHOD:	

CONSUMPTIVE USE CALCULATION:
<b>Indoor use:</b> One residential connection at <b>350 gallons per day</b> (gpd) used continuously equates to 0.392 afy of water use. Consistent with WAC 173-539A-050(3), 30% of domestic in-house use on a septic system is consumptively used, therefore: <b>Indoor consumptive use = 0.118 afy</b>
<b>Outdoor use:</b> The requestor proposes to irrigate <b>1,000 ft<sup>2</sup></b> of lawn and garden. Using a crop irrigation requirement of 18.11 in/yr (or 1.51 ft/yr) for pasture/turf near Cle Elum from the Washington Irrigation Guide and an application efficiency of 80%, the total outdoor irrigation water use is 0.043 afy. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: <b>Outdoor consumptive use = 0.039 afy</b>
<b>CU for the project totals to 0.157 afy</b> <b>(CU April 1 to August 31 is 0.081 ac-ft and CU Sept 1 to March 31 is 0.076 ac-ft)</b>

NARRATIVE DESCRIPTION OF PROJECT:
The subject parcel is located about 6 miles west-southwest of Cle Elum, and south of the Yakima River Valley. Review of several previous reports and local area hydrogeology suggests that groundwater is physically available for this request. The proposed groundwater withdrawals under G4-35714 will likely result in flow impacts to the Yakima River.
The requestor proposes to offset the 0.157 afy of consumptive use for the project (one residential connection and 1000 ft <sup>2</sup> of lawn and garden) with 0.157 afy of mitigation

water acquired from Trust Water Right No. CS4-02255(A)CTCL@2. During the irrigation season, 0.076 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) and released to address out-of-season impacts along the Yakima River.

WTWG Project form

### Location Map for G4-35714

Figure 1: Location of Parcel 949467 for the White WBN request G4-35714, and nearby approved Permits and WBN requests.

