

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral (WBN) Request No. G4-35712 with mitigation from Trust Water Right No. CS4-02255(A)CTCL@2		
APPLICANT NAME	CONTACT NAME	TELEPHONE NO.
Andrew and Julie Jackson	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 11 th , 2014	

WATER SOURCE:	CROP:
Well (Ecology Tag No. BAN-877)	Lawn or noncommercial garden
INSTANTANEOUS QUANTITY:	ANNUAL QUANTITY:
Not Specified	0.414 acre-feet/year (afy)
PERIOD OF USE:	
Continuous for indoor domestic connection and seasonal irrigation for 500 sq feet of lawn and garden	
PLACE OF USE:	PURPOSE OF USE:
Parcel No. 949472, located within the NE¼ NE¼ of Section 28, T. 20 N., R. 14 E.W.M.	Domestic and seasonal irrigation
IRRIGATION METHOD:	

CONSUMPTIVE USE CALCULATION:
Indoor use: One residential connection at 350 gallons per day (gpd) used continuously year round 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: Indoor consumptive use = 0.118 afy
Outdoor use: The requestor proposes to irrigate 500 ft² 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 0.022 afy. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: Outdoor consumptive use = 0.019 afy CU for the project totals to 0.137 afy (CU April 1 to August 31 is 0.065 ac-ft and CU Sept 1 to March 31 is 0.072 ac-ft)

NARRATIVE DESCRIPTION OF PROJECT:
The requestor proposes to offset the 0.137 afy of consumptive use for the project (one residential connection and 500 ft ² of lawn and garden) with 0.137 afy of mitigation water acquired from Trust Water Right No. CS4-02255(A)CTCL@2. During the irrigation season, 0.072 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) and released between September 1 and March 31 to address out-of-season impacts along the Yakima River.

The subject parcel is located in the Yakima River Valley, with Little Creek to the East, the Yakima River to the north, and Big Creek drainage to the West. Review of the local area hydrogeology suggests that groundwater is physically available for this request; and that the proposed groundwater withdrawals under G4-35712 will result in flow impacts to the Yakima River. Impacts to Big Creek and Little Creek are not likely.

WTWG Project form

Location Map for G4-35712

Figure 1: Location of the POU and POW for the Jackson WBN request (blue outline).

