

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Water Budget Neutral Request No. G4-36025 with mitigation from Trust Water Right No. CS4-02255(A)CTCL@2		
APPLICANT NAME Shannon Jelenek	CONTACT Traci Shallbetter	CONTACT'S TELEPHONE NO 509-260-0037
WATER RIGHT HOLDER'S NAME (if different) Swiftwater Ranch		CONTACT'S EMAIL traci@shallbetterlaw.com

DATE OF APPLICATION October 22, 2018

WATER SOURCE: Two Proposed Wells	CROP: Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: TBD	ANNUAL QUANTITY: 0.827 ac-ft/yr
PERIOD OF USE: Continuous for 2 domestic connection and season irrigation for lawn and/or garden	
PLACE OF USE: Parcel Nos. 630334 and 11875, located within the S½, S½ of Section 19, T. 20 N., R. 14 E.W.M.	PURPOSE OF USE: Multiple Domestic and irrigation of 1,000 square feet of lawn and/or garden.

<p>CONSUMPTIVE USE CALCULATION:</p> <p>Indoor Use: 2 residential connection at 350 gallons per day (gpd) used continuously year round equates to 0.784 ac-ft/yr of water use, or: Consistent with WAC 173-539A-050(3), 30% of domestic in-house use on a septic system is consumptively used, therefore: indoor consumptive use (CU) = 0.235 ac-ft/yr.</p> <p>Outdoor Use: The requestor/applicant proposes to irrigate 1,000 ft² of lawn and/or garden. Using a crop irrigation requirement of 18.10 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 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, therefore: outdoor consumptive use = 0.039 ac-ft/yr.</p> <p>Total Consumptive Use = 0.274 ac-ft/yr</p> <p>Exchange Contract Water = 0.144 ac-ft/yr for the period September 1 to March 31</p>

NARRATIVE DESCRIPTION OF PROJECT:

The project is located approximately 0.77 miles south of the Yakima river in a “Yellow” area as noted on Ecology’s current Mitigation Suitability Map (see attached map).

The requestor/applicant proposes to offset the 0.274 ac-ft/yr of consumptive use for the project (2 residential connection and 1,000 ft² of lawn and garden) with 0.274 ac-ft/yr of mitigation from Trust Water Right No. CS4-02255(A)CTCL@2. Ecology will assign 0.144 ac-ft/yr to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) to address impacts to the Yakima River.

Review of the local area hydrogeology suggests that withdrawals are anticipated to have down gradient impacts to the Yakima River and that proposed withdrawals are not anticipated to result in severe pumping interference or impairment of existing rights.

Location of G4-36025

