

**WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION**

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35802 with mitigation from Trust Water Right No. CS4-02255(A)CTCL@2		
APPLICANT NAME John & Wendy Schufreider	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 November 12, 2015
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WATER SOURCE: 1 Existing Well	CROP: Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: 350 gpd 4.48 gpm	ANNUAL QUANTITY: 0.414 ac-ft/yr
PERIOD OF USE: Continuous for 1 domestic connection and season irrigation for lawn and/or garden	
PLACE OF USE: Parcel No. 953672, located within the NW <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> of Section 19, T. 20 N., R. 14 E.W.M.	PURPOSE OF USE: Domestic and irrigation of 500 square feet of lawn and/or garden

<p>CONSUMPTIVE USE CALCULATION:</p> <p><b>Indoor use:</b> 1 residential connection at 350 gallons per day (gpd) used continuously year round equates to 0.392 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: <b>Indoor consumptive use (CU) = 0.118 ac-ft/yr</b></p> <p><b>Outdoor use:</b> The requestor proposes to irrigate 500 ft<sup>2</sup> 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 0.022 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: <b>Outdoor consumptive use = 0.019 ac-ft/yr</b></p> <p><b>Total consumptive use = 0.137 ac-ft/yr</b></p> <p><b>Contract water = 0.072 ac-ft/yr for the period September 1 to March 31</b></p>
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**NARRATIVE DESCRIPTION OF PROJECT:**

The project is located on the south side of Interstate 90, approximately ½ mile southwest from Lavender Lake, in a “green” area as noted in the current Swiftwater Trust Water Right.

The requestor proposes to offset the 0.137 ac-ft/yr of consumptive use for the project (1 residential connection and 500 ft<sup>2</sup> of lawn and garden) with 0.137 ac-ft/yr of mitigation water acquired from Trust Water Right NoCS4-02255(A)CTCL@2.

0.072 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700).

Review of the local area hydrogeology “. . . suggest that the proposed well for use under request G4-35802 may capture that would otherwise discharge to the Yakima River. The mitigation identified earlier in this report addresses surface water concerns; such as, fish habitat and impairment of senior surface water rights.”

**Location of G4-35802**

