

## WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35792 with mitigation from Trust Water Right No. CS4-02255(A)CTCL@2		
APPLICANT NAME Gilles Toussaint	CONTACT Traci Shallbetter	CONTACT'S TELEPHONE NO (509) 260-0037
WATER RIGHT HOLDER'S NAME (if different) Swiftwater Ranch		CONTACT'S EMAIL traci@shallbetterlaw

DATE OF APPLICATION September 10, 2015	PRIORITY DATE
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WATER SOURCE: Well	CROP: Lawn and\or noncommercial garden
INSTANTANEOUS QUANTITY:	ANNUAL QUANTITY: 0.435 acre-ft/yr
PERIOD OF USE: Continuous for 1 domestic connection and season irrigation for lawn and\or garden	
PLACE OF USE: Parcel No. 954167, located within the NW <sup>1</sup> / <sub>4</sub> ,NW <sup>1</sup> / <sub>4</sub> of Section 28, T. 21 N., R. 14 E.W.M.	PURPOSE OF USE: Domestic and irrigation of 1,000 square feet of lawn and\or garden
IRRIGATION METHOD:	

<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 1,000 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 0.043 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: <b>Outdoor consumptive use = 0.039 ac-ft/yr</b></p> <p><b>Consumptive use for the project totals to 0.157 ac-ft/yr</b> <b>(CU for the period of April 1 to August 31 is 0.081 ac-ft and CU for the period September 1 to March 31 is 0.076 ac-ft)</b></p>
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## NARRATIVE DESCRIPTION OF PROJECT:

The requestor proposes to offset the 0.157 ac-ft/yr of consumptive use for the project (1 residential connection and 1,000 ft<sup>2</sup> of lawn and garden) with 0.157 ac-ft/yr of mitigation water acquired from Trust Water Right No. CS4-02255(A)CTCL@2. 0.076 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) to address out of season impacts along the Yakima River.

The proposed well is to be located in parcel 954179. The proposed well is to be located in a “yellow area” for the Swiftwater Trust Water Right. Review of the local area hydrogeology suggests that withdrawals will likely impact Cle Elum Lake. Copies of the Draft Hydrogeology Memo for the subject water budget neutral request are available on request from Ecology.

WTWG Project form

## Place of Use for G4-35792

