

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO. Water Budget Neutral Request No. G4-36087 with mitigation from Trust Water Right No. CS4-02255(A)CTCL@2 (Which originally diverted from the Teanaway River)		
APPLICANT NAME Land with Water LLC	CONTACT Traci Shallbetter	CONTACT'S TELEPHONE NO 509-260-0037
WATER RIGHT HOLDER'S NAME (if different) Swiftwater Ranch LLC		CONTACT'S EMAIL traci@shallbetterlaw.com

DATE OF APPLICATION November 18, 2019
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WATER SOURCE: Well (Well Tag ID ACX-638)	CROP: Lawn and\or noncommercial garden
INSTANTANEOUS QUANTITY: TBD	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. 904935, located within the NE ¹ / ₄ ,SE ¹ / ₄ of Section 26, and SW ¹ / ₄ , NW ¹ / ₄ and NW ¹ / ₄ , SW ¹ / ₄ , of Section 25, all within T. 16 N., R. 20 E.W.M.	PURPOSE OF USE: Domestic and irrigation of 500 square feet of lawn and\or garden.

<p>CONSUMPTIVE USE CALCULATION:</p> <p>Indoor Use: 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: indoor consumptive use (CU) = 0.118 ac-ft/yr.</p> <p>Outdoor Use: The requestor/applicant proposes to irrigate 500 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 0.022 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, therefore: outdoor consumptive use = 0.019 ac-ft/yr.</p> <p>Total Consumptive Use = 0.137 ac-ft/yr</p> <p>Exchange Contract Water = 0.017 ac-ft/yr for the period September 16 to October 31</p>
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NARRATIVE DESCRIPTION OF PROJECT:

The project is located approximately 0.12 miles from Teanaway river in a “Red” area as noted on Ecology’s current Mitigation Suitability Map (see attached map).

The requestor/applicant proposes to offset the 0.137 ac-ft/yr of consumptive use for the project (1 residential connection and 500 ft² of lawn and garden) with 0.137 ac-ft/yr of mitigation from Trust Water Right No. CS4-02255(A)CTCL@2. Ecology will assign 0.017 ac-ft/yr to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) to address impacts to the Yakima River. To address the out-of-season flow impacts to the Teanaway River, \$500 will be placed into an account to be used for one or more upstream or headwater riparian corridor projects.

Review of the local area hydrogeology suggests that the impacts of this project will manifest on the Teanaway River approximately at the historic point of diversion of the mitigation but will not cause impairment.

Location of G4-36087

