

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35639 with mitigation from Trust Water Right No. CS4-01676(B)CTCL@1		
APPLICANT NAME Steve & Yvonne Uhrich	CONTACT Traci Shallbetter	CONTACT'S TELEPHONE NO (509) 260-0037
WATER RIGHT HOLDER'S NAME (if different) Trailside Water Bank		CONTACT'S EMAIL

DATE OF APPLICATION July 15, 2013

WATER SOURCE: A Well (Ecology ID No. AKJ-891)	CROP: Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: 4.48	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. 952164, located within the SE ¹ / ₄ NW ¹ / ₄ of Section 7, T. 19 N., R. 15 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: 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 for the irrigation of 500 ft² of lawn and/or garden 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>Contract water: N/A</p>

NARRATIVE DESCRIPTION OF PROJECT:

The project is located 0.25 mile east of Spex Arth Creek, and approximately 3.5 miles southwest of South Cle Elum in a “yellow” suitability area.

The requestor 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 water acquired from Trust Water Right No. CS4-01676(B)CTCL@1. To address local impacts to Spex Arth and the Yakima River, the applicant has proposed an off-site storage and release plan.

Location of G4-35639

