

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35798 with mitigation from Trust Water Right No. CS4-02255(A)CTCL@2		
APPLICANT NAME Lucas C & Jane I Oberhansly	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 02, 2015

WATER SOURCE: 1 Proposed 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. 212534, located within the NW ¹ / ₄ SW ¹ / ₄ and the SW ¹ / ₄ NW ¹ / ₄ of Section 12, 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>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 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, so: Outdoor consumptive use = 0.019 ac-ft/yr</p> <p>Total consumptive use = 0.137 ac-ft/yr</p> <p>Contract water = 0.072 ac-ft/yr for the period September 1 to March 31</p>

NARRATIVE DESCRIPTION OF PROJECT:

The project is located approximately ½ mile southwest from where State Highway 903 intersects with Ronald, Washington and is in a “yellow” area as noted in the current Swiftwater Ranch 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 ft² 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 suggests that “. . . the proposed well for use under request G4-35798 may capture water from a nearby unnamed creek, which is located approximately 400 feet, as measured in ArcGIS, to the northeast of the subject parcel as determined using ARCGIS. The unnamed creek discharges to the Cle Elum River which in turn discharges to the mainstem Yakima River. As a result, the mitigation identified earlier in this report addresses surface water concerns; such as, fish habitat and impairment of senior surface water rights.”

Location of G4-35798

