

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Water Budget Neutral Request No. G4-35763 with mitigation from Trust Water Right No. CS4-02255(A)CTCL@2		
APPLICANT NAME Agnes M Bugni Family Ltd Partnership	CONTACT Traci Shallbetter	CONTACT'S TELEPHONE NO
WATER RIGHT HOLDER'S NAME (if different) Swiftwater Ranch		CONTACT'S EMAIL

DATE OF APPLICATION May 22, 2015	PRIORITY DATE June 30, 1890
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WATER SOURCE: Up to 16 Wells	CROP: Lawn and\or noncommercial garden
INSTANTANEOUS QUANTITY: TBD	ANNUAL QUANTITY: 6.619 acre-ft/yr
PERIOD OF USE: Continuous for 16 domestic connection and season irrigation for lawn and\or garden	
PLACE OF USE: Parcel Nos. 954812, 955392, 955393, 955394, 955395, 955396, 955397, 955398, 955399, 955401, 955412, 955417, 955420, 115235, 325834, and 625235, located within the N $\frac{1}{2}$ and NE $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 3 and the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 2, T. 19 N., R. 16 E.W.M. and within the N $\frac{1}{2}$ SW $\frac{1}{4}$ and SE $\frac{1}{4}$ of Section 35, T. 20 N., R. 16 E.W.M.	PURPOSE OF USE: Domestic and irrigation of 8,000 square feet of lawn and\or garden
IRRIGATION METHOD:	

<p>CONSUMPTIVE USE CALCULATION:</p> <p>Indoor use: 16 residential connections at 350 gallons per day (gpd) used continuously year round equates to 6.273 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) = 1.882 ac-ft/yr</p> <p>Outdoor use: The requestor proposes to irrigate 8,000 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 0.346 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: Outdoor consumptive use = 0.312 ac-ft/yr</p>

**Consumptive use for the project totals to 2.194 ac-ft/yr
(CU for the period of November 1 to September 15 is 1.926 ac-ft and CU for the period September 16 to October 31 is 0.267 ac-ft)**

NARRATIVE DESCRIPTION OF PROJECT:

The requestor proposes to offset the 2.193 ac-ft/yr of consumptive use for the project (16 residential connection and 8,000 ft² of lawn and garden) with 2.282 ac-ft/yr of mitigation water acquired from Trust Water Right NoCS4-02255(A)CTCL@2.

The proposed permit is located in the green area for Trust Water Right No CS4-02255(A)CTCL@2. Flow impacts are expected to affect the Teanaway River and the Yakima River. 0.267 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) to address out of season impacts along the Yakima River. If the wells are located in the Teanaway River watershed, then \$500 per home will be placed in a fund for future habitat projects in the Teanaway River.

Place of Use Map for G4-35763

