

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Water Budget Neutral Request No. G4-35829 with mitigation from Trust Water Right No. CS4-01467@11sb3a(A)		
APPLICANT NAME Paul & Sharon Collette, and Duane & Linda Cameron	CONTACT Suzanne Blakeney	CONTACT'S TELEPHONE NO 509-929-2822
WATER RIGHT HOLDER'S NAME (if different) Masterson Ranch		CONTACT'S EMAIL suzanne@washingtonwatertrust.org

DATE OF APPLICATION March 04, 2016

WATER SOURCE: Well	CROP: Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: TBD	ANNUAL QUANTITY: 0.827 ac-ft/yr
PERIOD OF USE: Continuous for 1 domestic connection and season irrigation for lawn and/or garden	
PLACE OF USE: Parcel No. 12127 and 12129, located within the S½ NW¼ of Section 25, T. 20 N., R. 16 E.W.M.	PURPOSE OF USE: Domestic and irrigation of 1,000 square feet of lawn and/or garden

<p>CONSUMPTIVE USE CALCULATION:</p> <p>Indoor use: 2 residential connections at 700 gallons per day (gpd) used continuously year round equates to 0.784 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) = 0.235 ac-ft/yr</p> <p>Outdoor use: The requestor proposes to irrigate 1,000 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 0.043 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: Outdoor consumptive use = 0.039 ac-ft/yr</p> <p>Total consumptive use = 0.274 ac-ft/yr</p> <p>Contract water = 0.033 ac-ft/yr for the period September 16 to October 31</p>

<p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>The subject parcels are located to the north of the Teanaway River and just to the west of the Musser Creek Teanaway River confluence in the S½ NW¼ Section 25, T. 20 N.,</p>

R. 16 E.W.M. The Masterson Suitability Map (Trust Water Right CS4-01467@11sb3a(A)) indicates that the subject parcel is within the “green” area.

The requestor proposes to offset the 0.274 ac-ft/yr of consumptive use for the project (2 residential connections and 1,000 ft² of lawn and garden) with 0.274 ac-ft/yr of mitigation water acquired from Trust Water Right No CS4-01467@11sb3a(A). 0.033 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700). Additionally, to address out-of-season flow impacts to the Teanaway River, \$1000 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 proposed well would likely capture water that would otherwise discharge to the Teanaway River.

WTWG Project form

Location of INSERT LINK FOR FILE NAME

