

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral (WBN) Request No. G4-35631 with mitigation from Trust Water Right No. CS4-01467@11sb3a(A)		
APPLICANT NAME Ann Redmond/Hay Baron	CONTACT NAME Jason McCormick	TELEPHONE NO. 509-607-3513
WATER RIGHT HOLDER'S NAME (if different) Masterson Ranch		EMAIL jason@washingtonwatertrust.org

DATE OF APPLICATION 6/20/2013	PRIORITY DATE
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WATER SOURCE: Well (Not yet Drilled)	CROP: None
INSTANTANEOUS QUANTITY: 15 gpm	ANNUAL QUANTITY: 0.392 acre-feet/year (afy)
PERIOD OF USE: Continuous for a single domestic and seasonal irrigation for 0 sq feet of lawn and garden	
PLACE OF USE: Parcel No. 940436 located within the N $\frac{1}{2}$ of Section 24, T. 20 N., R. 16 E.W.M.	PURPOSE OF USE: Single Domestic
IRRIGATION METHOD:	

<p>CONSUMPTIVE USE CALCULATION:</p> <p>Indoor use: One residential connection at 350 gallons per day (gpd) used continuously year round equates to 0.392 afy of water use Consistent with WAC 173-539A-050(3), 30% of domestic in-house use on a septic system is consumptively used, therefore: Indoor consumptive use = 0.118 afy</p> <p>Outdoor use: The requestor proposes to irrigate 0 ft² of lawn and garden. 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 is 0 afy. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: Outdoor consumptive use = 0 afy</p> <p>CU for the project totals to 0.118 afy (CU April 1 to September 15 is 0.054 ac-ft and CU Sept 15 to March 31 is 0.063 ac-ft)</p>
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<p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>The requestor proposes to offset the 0.118 afy of consumptive use for the project (One residential connections and 0 ft² of lawn and garden) with 0.118 afy of mitigation water acquired from Trust Water Right No. CS4-01467@11sb3a(A). During the irrigation season, 0.063 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) and released between September 15 and March 31 to address out-of-</p>

season impacts along the Yakima River. Additionally, to address 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 proposed groundwater withdrawals under G4-35631 may result in flow impacts to the Teanaway River.

The subject parcel is located in the Teanaway River Valley, on the east side of the Teanaway River, approximately 4 miles northeast of the confluence of the Teanaway and Yakima Rivers.

WTWG Project form

Location Map for G4-35631



Figure 1: Location of the POU for WBN request G4-35631