

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Water Budget Neutral (WBN) Request No. G4-35749 with mitigation from Trust Water Right No. CS4-01467@11sb3a(A)		
APPLICANT NAME Lynn Hatcher and Anne Watanabe	CONTACT NAME Suzanne Blakeney	TELEPHONE NO. 509 929-2822
WATER RIGHT HOLDER'S NAME (if different) Masterson Ranch		EMAIL Suzanne@washingtonwatertrust.org

DATE OF APPLICATION 3/10/2015	PRIORITY DATE
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WATER SOURCE: Well to be in Parcel 956831 located within the NW ¼ of Section 25, T20N, R16E.	CROP: None
INSTANTANEOUS QUANTITY: 35 gpm	ANNUAL QUANTITY: 0.414 acre-feet/year (afy)
PERIOD OF USE: Continuous for one domestic home and seasonal lawn or garden.	
PLACE OF USE: Parcel 956831 located within the NW ¼ of Section 25, T20N, R16E.	PURPOSE OF USE: Single Domestic home and irrigation.
IRRIGATION METHOD: None	

<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, or: (350 gpd per connection) x (365 days) x (one connection) x (1.0 ac-ft / 325,851 gal) = 0.392 afy total 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 = (0.392 afy) x (0.30) = 0.118 afy</p> <p>Outdoor use: The requestor proposes to irrigate 500 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 0.022 afy. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: Outdoor consumptive use = 0.019 afy</p> <p>CU for the project totals to 0.137 afy</p>

<p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>Parcel 956831 is located within the NW ¼ of Section 25, T20N, R16E. It is in a green suitability area, approximately 4 miles northeast of Interstate 90 in the Teanaway River valley, and approximately 6 ½ miles east of Cle Elum. The parcel is situated along the north edge of the river valley and a few hundred feet west of the Teanaway River. Impacts from groundwater withdrawals will likely occur to the Teanaway River.</p>
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The requestor proposes to offset the 0.137 afy of consumptive use for the project (one residential connection and .011 acres lawn/garden) with 0.137 afy of mitigation water acquired from Trust Water Right No. CS4-01467@11sb3a(A). 0.017 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) to address out-of-season impacts along the Yakima River between September 16 and October 31.

WTWG Project form

Location Map for G4-35749

Figure 1: Location of WBN Request G4-35749 and Masterson Ranch mitigation Water Bank suitability layers.

