

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35810 with mitigation from Trust Water Right No. CS4-02316sb8(a1)		
APPLICANT NAME Tim & Joy Martin	CONTACT Jessica Berry	CONTACT'S TELEPHONE NO 509-649-5271
WATER RIGHT HOLDER'S NAME (if different) Yakima Mitigation Services		CONTACT'S EMAIL jberry@inlandnet.com

DATE OF APPLICATION December 23, 2015
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WATER SOURCE: Well	CROP: Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: TBD	ANNUAL QUANTITY: 0.430 ac-ft/yr
PERIOD OF USE: Continuous for 1 domestic connection and season irrigation for lawn and/or garden	
PLACE OF USE: Parcel No. 14104, located within the SW ¹ / ₄ , NE ¹ / ₄ of Section 3, T. 17 N., R. 17 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 31.45 in/yr (or 1.51 ft/yr) for pasture/turf near Ellensburg from the Washington Irrigation Guide and an application efficiency of 80%, the total outdoor irrigation water use is 0.038 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: Outdoor consumptive use = 0.034 ac-ft/yr</p> <p>Total consumptive use = 0.151 ac-ft/yr</p>
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<p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>The subject parcel is situated near the base of an east facing hill slope at the edge of the Kittitas Valley to the north of Manastash Creek along Catlin Canyon within the northeast quarter of Section 3, T. 17 N., and R. 17 E.W.M. The Kittitas County Yakima River Mitigation Services Water Right CS4-01968sb11a(Bb)) indicates that the subject parcel is within the "yellow" area.</p>
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The requestor proposes to offset the 0.151 ac-ft/yr of consumptive use for the project (1 residential connection and 500 ft² of lawn and garden) with 0.151 ac-ft/yr of mitigation water acquired from Trust Water Right No. CS4-02316sb8(a1).

Review of the local area hydrogeology suggests that the proposed well would likely capture water that would otherwise discharge to Coleman and Catlin Canyons Creeks, unnamed streams or water bodies within close proximity to the Yakima River flood plain, and the Yakima River.

WTWG Project form

Location of G4-35810

