

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35842 with mitigation from Trust Water Right No. CS4-01676sb5d@2b(B)		
APPLICANT NAME Mark Hasbargen	CONTACT Erin Moore	CONTACT'S TELEPHONE NO 509.962.7698
WATER RIGHT HOLDER'S NAME (if different) Kittitas County (Roth)		CONTACT'S EMAIL Erin.moore@co.kittitas.wa.us

DATE OF APPLICATION April 11, 2016

WATER SOURCE: 1 ExistingWell	CROP: Lawn and\or noncommercial garden
INSTANTANEOUS QUANTITY: 4.48 gpm	ANNUAL QUANTITY: 0.330 ac-ft/yr
PERIOD OF USE: Continuous for 1 domestic connection and season irrigation for lawn and\or garden	
PLACE OF USE: Parcel No. 953674, located within the NW ¹ / ₄ NE ¹ / ₄ of Section 19, T. 20 N., R. 14 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 275 gallons per day (gpd) used continuously year round equates to 0.308 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) = 0.092 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 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 0.022 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: Outdoor consumptive use = 0.019 ac-ft/yr</p> <p>Total consumptive use = 0.112 ac-ft/yr</p> <p>Contract water = 0.070 ac-ft/yr for the period August 1 to March 31</p>
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NARRATIVE DESCRIPTION OF PROJECT:

The project is located south of the Yakima River, approximately 1 miles southeast of Easton in a “green” area.

The requestor proposes to offset the 0.112 ac-ft/yr of consumptive use for the project (1 residential connection and 500 ft² of lawn and garden) with 0.112 ac-ft/yr of mitigation water acquired from Trust Water Right NoCS4-01676sb5d@2b(B). 0.070 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700).

Review of the local area hydrogeology suggests that the existing source will capture water that would otherwise discharge to the Yakima River.

Location of G4-35842-Hasbargen

