

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Water Budget Neutral Request No. G4-35990 with mitigation from Trust Water Right No. CS4-01676sb5d@2b(B)		
APPLICANT NAME Accurate Development	CONTACT Erin Moore	CONTACT'S TELEPHONE NO 509-962-9886
WATER RIGHT HOLDER'S NAME (if different) Kittitas County (Roth)		CONTACT'S EMAIL Erin.moore@co.kittitas.wa.gov

DATE OF APPLICATION March 13, 2018

WATER SOURCE: Proposed Well	CROP: Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: TBD	ANNUAL QUANTITY: 0.659 ac-ft/yr
PERIOD OF USE: Continuous for 2 domestic connection and season irrigation for lawn and/or garden	
PLACE OF USE: Parcel No. 954860 and 954861, located within the W ¹ / ₂ ,E ¹ / ₂ of Section 7, T. 19 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 connection at 275 gallons per day (gpd) used continuously year round equates to 0.616 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) = 0.185 ac-ft/yr.</p> <p>Outdoor Use: The requestor/applicant 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, therefore: outdoor consumptive use = 0.039 ac-ft/yr.</p> <p>Total Consumptive Use = 0.224 ac-ft/yr</p> <p>Exchange Contract Water = 0.141 ac-ft/yr for the period August 1 to March 31</p>
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NARRATIVE DESCRIPTION OF PROJECT:

The project is located approximately 0.94 miles from Thornton creek in a “Yellow” area as noted on Ecology’s current Mitigation Suitability Map (see attached map).

The requestor/applicant proposes to offset the 0.224 ac-ft/yr of consumptive use for the project (2 residential connection and 1,000 ft² of lawn and garden) with 0.224 ac-ft/yr of mitigation from Trust Water Right No. CS4-01676sb5d@2b(B). Ecology will assign 0.141 ac-ft/yr to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) to address impacts to the Yakima River.

Review of the local area hydrogeology suggests that withdrawals are anticipated to have down gradient impacts to the Yakima River and are not anticipated to result in severe pumping interference or impairment of existing rights (with suitable instream mitigation).

Location of G4-35990

