

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Water Budget Neutral No. G4-36110 with mitigation from Trust Water Right No. CS4-01676sb5d@2b(B) (which originally diverted from the Yakima River)		
APPLICANT NAME Benjamin Flowers	CONTACT Samantha Cox	CONTACT'S TELEPHONE NO (509) 962-7680
WATER RIGHT HOLDER'S NAME (if different) Kittitas County (Roth)		CONTACT'S EMAIL samantha.cox@co.kittitas.wa.us

DATE OF APPLICATION November 09, 2020
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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. 832534, located within the W $\frac{1}{2}$ SE $\frac{1}{4}$ of Section 12, T. 20 N., R. 14 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 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, therefore: outdoor consumptive use = 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 0.80 miles from Cle Elum River 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 Cle Elum River.

Review of the local area hydrogeology suggests that withdrawals are anticipated to have a down gradient flow impact to the Cle Elum River but will not cause impairment.

WTWG Project form

Location of G4-36110

