

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

Application Number Water Budget Neutral Request No. G4-36164	
Applicant Name Kyle and Wendy Dumas	Priority Date August 26, 2022
Water Bank Kittitas County Water Bank (Roth)	Trust Water Rights No. S4-85140-J(B)

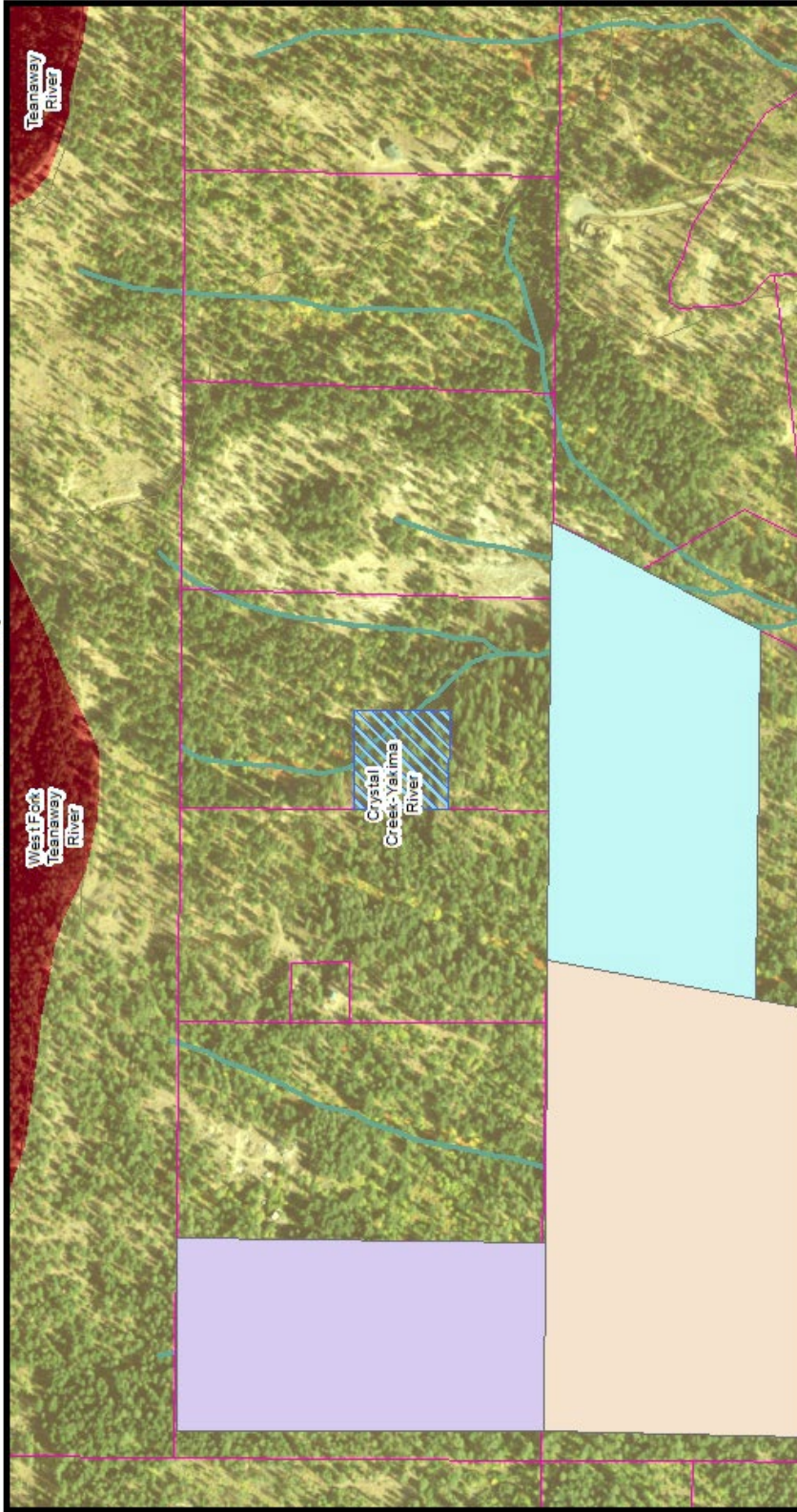
WATER SOURCE: Existing Well (Well Tag ID) ALC407	CROP: Domestic, Lawn and\or noncommercial garden
INSTANTANEOUS QUANTITY: TBD	ANNUAL QUANTITY: 0.331 ac-ft/yr
PERIOD OF USE: Continuous use for 1 domestic connection and seasonal irrigation for lawn and/or garden	
PLACE OF USE: Parcel No. 039136, located within the S½ of Section 14, Township 20 N., Range 15 E.	PURPOSE OF USE: Domestic and irrigation of up to 500 square feet of lawn and\or garden.

<p>CONSUMPTIVE USE CALCULATION:</p> <p>Indoor Use: 1 residential connection(s) 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) = 0.0924 ac-ft/yr.</p> <p>Outdoor Use: The requestor/applicant proposes to irrigate 500 ft² of lawn and/or garden. Using a crop irrigation requirement of 18.1 in/yr for pasture/turf near Cle Elum from the Washington Irrigation Guide and an application efficiency of 75%, the total outdoor irrigation water use is 0.023 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, therefore: outdoor consumptive use = 0.021 ac-ft/yr.</p> <p>Total Consumptive Use = 0.113 ac-ft/yr</p> <p>Exchange Contract Water = 0.071 ac-ft/yr for the period August 1 to March 31</p>
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<p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>The project is located along the South face of the Cle Elum Ridge near Crystal Creek in a “Yellow” area as noted on Ecology’s current Mitigation Suitability Map (see attached map).</p> <p>The requestor/applicant proposes to offset the 0.113 ac-ft/yr of consumptive use for the project with 0.113 ac-ft/yr of mitigation from Trust Water Right No. S4-85140-J(B). Ecology will assign 0.071 ac-ft/yr to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) to address impacts to the Yakima River.</p> <p>Review of the local area hydrogeology suggests that this project would impact the Yakima River. However, Ecology believes that the mitigation offered would adequately mitigate for the impacts of this project and not impair existing rights.</p>

Map of the Project Area




Kyle and Wendy Dumas
 Water Budget Neutral Request No. G4-36164
 Parcel Nos. 039136
 S 1/2 of Section 14, T. 20 N., R. 15 E. W.M.
 WRIA 39 - Kittitas County



Legend

 Proposed POU

Previously Approved WBNs

-  G4-35309 (Skvarla, 2010)
-  G4-35327 (Dursch, 2010)
-  G4-35331 (McKim, 2010)

Kittitas County Roth

suit_stat

-  Likely Suitable
-  Need Additional Information
-  Unsuitable

