

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request / Groundwater Right Application No. G4-36159 with mitigation from Trust Water Right No. CS4-02255(A)CTCL		
APPLICANT NAME Jason and Ashley Johnson	CONTACT N/A	CONTACT'S TELEPHONE NO N/A
WATER RIGHT HOLDER'S NAME (if different) New Suncadia (Teaway River)		CONTACT'S EMAIL N/A

DATE OF APPLICATION July 13, 2022

WATER SOURCE: Well	CROP: Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: 275 GPD residential 25 GPD outdoors	ANNUAL QUANTITY: 0.316 ac-ft/yr
PERIOD OF USE: Continuous for 1 domestic connection and season irrigation for lawn and/or garden	
PLACE OF USE: Parcel No. 345734, located within the NW ¹ / ₄ of Section 8, T. 19 N., R. 15 E.W.M.	PURPOSE OF USE: Domestic and irrigation of 175 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/applicant proposes to irrigate 175 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 0.008 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, therefore: outdoor consumptive use = 0.007 ac-ft/yr.</p> <p>Total Consumptive Use = 0.099 ac-ft/yr</p> <p>Exchange Contract Water = 0.055 ac-ft/yr for the period September 1 to March 31</p>

NARRATIVE DESCRIPTION OF PROJECT:

The project is located approximately 0.5 miles from the Yakima River in a “Yellow” area as noted on Ecology’s current Mitigation Suitability Map (see attached map).

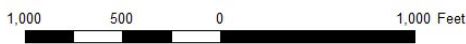
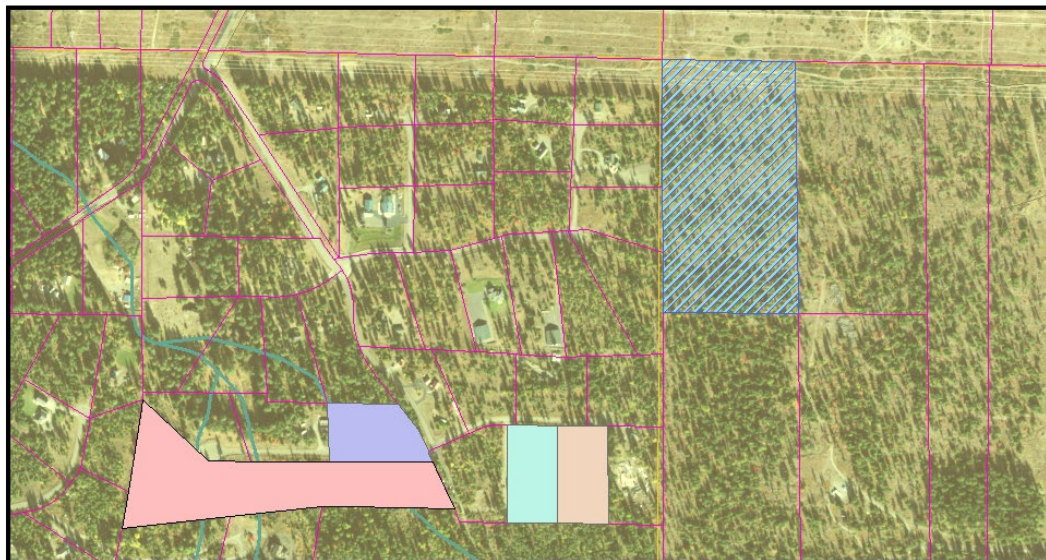
The requestor/applicant proposes to offset the 0.099 ac-ft/yr of consumptive use for the project (1 residential connection and 175 ft² of lawn and garden) with 0.099 ac-ft/yr of mitigation from Trust Water Right No. CS4-02255(A)CTCL. Ecology will assign 0.055 ac-ft/yr to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) to address impacts to the Yakima River.

Review of the local area hydrogeology suggests that well pumping would impact the Yakima River. However, this would not cause impairment to out of stream uses due to the mitigating water right.

WTWG Project form

Map of Project Area

Jason and Ashley Johnson
 Water Budget Neutral Request No. G4-36159
 Kittitas County Parcel No. 345734
 NW 1/4 NW 1/4 of Section 8, T. 19 N, R. 15 E.W.M.



Basemap - N AIP 2017 Aerial Photo
 WASHINGTON STATE
 ECOLOGY
 Ecology for a Better Tomorrow

Legend

- Proposed POU
- Previously Approved WBNs**
- G4-35577 (Shoval, 2012)
- G4-35581 (Modarelli, 2012)
- G4-35615 (Janker, 2013)
- G4-35634 (Shoval, 2013)
- NewSuncadia_TeanawayRiver Suit_stat**
- Likely Suitable
- Need Additional Information
- Unsuitable

Projected Area Impacts (Yellow Hatched Area)

