

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Water Budget Neutral Request / Groundwater Right Application No. G4-36024 with mitigation from Trust Water Right No. CS4-00714sb2		
APPLICANT NAME Granite Creek Ranches LLC	CONTACT	CONTACT'S TELEPHONE NO 360.413.1510
WATER RIGHT HOLDER'S NAME (if different) Land Lloyd Development		CONTACT'S EMAIL jill@pgwg.com

DATE OF APPLICATION October 17, 2018

WATER SOURCE: Well (Well Tag ID BAF-985)	CROP: Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: 8.96	ANNUAL QUANTITY: 0.827 ac-ft/yr
PERIOD OF USE: Continuous for 2 domestic connection and season irrigation for lawn and/or garden	
PLACE OF USE: Parcel Nos. 949810, 949811, located within the SE¼SW¼ of Section 3, T. 19 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 350 gallons per day (gpd) used continuously year round equates to 0.784 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) = 0.235 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 = 0.274 ac-ft/yr</p> <p>Exchange Contract Water = 0.117 ac-ft/yr for the period October 1 to March 31</p>

NARRATIVE DESCRIPTION OF PROJECT:

The project is located approximately 5 miles southwest from Roslyn and 2 miles from the Yakima River in a “yellow” aread noted on Ecology’s current Mitigation Suitability Map (see attached map).

The requestor/applicant proposes to offset the 0.274 ac-ft/yr of consumptive use for the project (2 residential connection and 1,000 ft² of lawn and garden) with 0.274 ac-ft/yr of mitigation from Trust Water Right No. CS4-00714sb2. Ecology will assign 0.117 ac-ft/yr to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) to address impacts to the Yakima River

The Landloyd trust water right’s historical point of diversion is located on Fowler Creek. Review of the local area hydrogeology suggests that withdrawals are anticipated to have down-gradient impacts to Fowler Creek and the Yakima River.

Location of G4-36024

