

**WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION**

APPLICATION NO. Water Budget Neutral Request No. G4-36102 with mitigation from Trust Water Right No. CS4-00714sb2 (Which originally diverted from Fowler Creek)		
APPLICANT NAME Thomas Richardson	CONTACT Peter Price	CONTACT'S TELEPHONE NO (971) 344-7055
WATER RIGHT HOLDER'S NAME (if different) Land Lloyd Development		CONTACT'S EMAIL pprice@aspectconsulting.com

DATE OF APPLICATION June 05, 2020
--------------------------------------

WATER SOURCE: Proposed Well	CROP: Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: TBD	ANNUAL QUANTITY: 0.414 ac-ft/yr
PERIOD OF USE: Continuous for 1 domestic connection and season irrigation for lawn and/or garden	
PLACE OF USE: Parcel No. 12383, located within the NE $\frac{1}{4}$ , and the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 3, T. 19 N., R. 14 E.W.M.	PURPOSE OF USE: Domestic and irrigation of 500 square feet of lawn and/or garden.

<p>CONSUMPTIVE USE CALCULATION:</p> <p><b>Indoor Use:</b> 1 residential connection at 350 gallons per day (gpd) used continuously year round equates to 0.392 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: <b>indoor consumptive use (CU) = 0.118 ac-ft/yr.</b></p> <p><b>Outdoor Use:</b> The requestor/applicant proposes to irrigate 500 ft<sup>2</sup> 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 0.022 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, therefore: <b>outdoor consumptive use = 0.019 ac-ft/yr.</b></p> <p><b>Total Consumptive Use = 0.137 ac-ft/yr</b></p> <p><b>Exchange Contract Water = 0.059 ac-ft/yr for the period October 1 to March 31</b></p>
---

NARRATIVE DESCRIPTION OF PROJECT:

The project is located approximately 0.74 miles from Little Creek in a “Yellow” area as noted on Ecology’s current Mitigation Suitability Map (see attached map)..

The requestor/applicant proposes to offset the 0.137 ac-ft/yr of consumptive use for the project (1 residential connection and 500 ft<sup>2</sup> of lawn and garden) with 0.137 ac-ft/yr of mitigation from Trust Water Right No. CS4-00714sb2. Ecology will assign 0.059 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 groundwater withdrawals are expected to impact the Peterson/Fowler Creek system and the Yakima River but will not cause impairment.

WTWG Project form

**Location of G4-36102**

