

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request / Groundwater Right Application No. G4-36117 with mitigation from Trust Water Right No. CS4-00714sb2 (which originally diverted from Fowler Creek)		
APPLICANT NAME Scott Krebs	CONTACT Peter Price	CONTACT'S TELEPHONE NO (971) 714-9851
WATER RIGHT HOLDER'S NAME (if different) Land Lloyd Development		CONTACT'S EMAIL pprice@aspectconsulting.com

DATE OF APPLICATION December 16, 2020
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WATER SOURCE: Well (Well Tag AKW-632)	CROP: Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: TBD	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. 815434, and 949788 , located within the SW¼ 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 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 .40 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 0.274 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. In addition to the consumptive use of the project, Ecology will assign 0.000 ac-ft of the Trust Water Right to be managed within the Trust Water Right Program for instream flow benefit to the Yakima River.

Review of the local area hydrogeology suggests that the proposed withdrawals will have a relatively minor impact on groundwater users, but is not expected to result in severe impacts or impairment to neighboring groundwater users.

WTWG Project form

Location of G4-36117

