

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35813 with mitigation from Trust Water Right No. CS4-02316sb8(a1)		
APPLICANT NAME	CONTACT	CONTACT'S TELEPHONE NO
Luther Parker	Jessica Berry	509-649-5271
WATER RIGHT HOLDER'S NAME (if different)		CONTACT'S EMAIL
Yakima Mitigation Services		jberry@inlandnet.com

DATE OF APPLICATION
January 15, 2016

WATER SOURCE: Well	CROP: Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: TBD	ANNUAL QUANTITY: 0.784 ac-ft/yr
PERIOD OF USE: Continuous for 2 domestic connections	
PLACE OF USE: Parcel No. 13433 and 13436, located within the NW ¹ / ₄ ,SE ¹ / ₄ of Section 27, T. 20 N., R. 14 E.W.M.	PURPOSE OF USE: Domestic

<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 proposes to irrigate 0 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, so: Outdoor consumptive use = 0.0 ac-ft/yr</p> <p>Total consumptive use = 0.235 ac-ft/yr</p> <p>Contract water = 0.137 ac-ft/yr for the period September 1 to March 31</p>

NARRATIVE DESCRIPTION OF PROJECT:

The subject parcel is located to the east of Little Creek, along Nelson Siding Road in the NW¼SE¼ within Section 27, T. 20 N., R. 14 E.W.M. The subject parcel is within the “green” area as noted in Trust Water Right CS4-02316sb8(a1) (Crushe LLC Water Bank).

The requestor proposes to offset the 0.235 ac-ft/yr of consumptive use for the project (2 residential connection and 0 ft² of lawn and garden) with 0.235 ac-ft/yr of mitigation water acquired from Trust Water Right No. CS4-02316sb8(a1). 0.137 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700). In addition to the consumptive use of the project, Ecology will assign 0.046 ac-ft of the Trust Water Right to be managed within the Trust Water Right Program for instream flow purposes to benefit the Yakima River.

Review of the local area hydrogeology suggests that additional withdrawals from the existing well (ACL-868) would likely capture water that would otherwise discharge to the Yakima River.

WTWG Project form

Location of G4-35813

