

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35796 with mitigation from Trust Water Right No. CS4-01939sb9		
APPLICANT NAME Dustin Pierce	CONTACT Anne Watanabe	CONTACT'S TELEPHONE NO 509-945-0107
WATER RIGHT HOLDER'S NAME (if different) Western Water Partners LLC		CONTACT'S EMAIL anew@inlandcellular.com

DATE OF APPLICATION September 28, 2015

WATER SOURCE: Well	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 No. 666236, located within the SW¼ of Section 35, T. 20 N., R. 15 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 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 0.022 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: Outdoor consumptive use = 0.019 ac-ft/yr</p> <p>Total consumptive use = 0.274 ac-ft/yr</p> <p>Contract water = 0.144 ac-ft/yr for the period September 1 to March 31</p>

NARRATIVE DESCRIPTION OF PROJECT:

The parcel is located south of the City of Cle Elum in the “green zone,” as designated by the Western Water Partner’s Suitability Map.

The requestor 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 water acquired from Trust Water Right NoCS4-01939sb9. 0.144 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 0.048 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 the proposed well for use under request G4-35796 may capture water from a nearby unnamed creek. The unnamed creek discharges to another unnamed creek which in turn discharges to the mainstem Yakima River. As a result, the mitigation identified earlier in this report addresses surface water concerns; such as, fish habitat and impairment of senior surface water rights.

WTWG Project form

Location of G4-35796

