

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35797 with mitigation from Trust Water Right No. CS4-01939sb9		
APPLICANT NAME Curtis Andes	CONTACT Anne Watanabe	CONTACT'S TELEPHONE NO 509-945-0107
WATER RIGHT HOLDER'S NAME (if different) Mitigation with Western Water Partner's (Kuchin) Trust Water Right		CONTACT'S EMAIL anew@inlandcellular

DATE OF APPLICATION September 28, 2015

WATER SOURCE: Well	CROP: Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: TBD	ANNUAL QUANTITY: 0.330 ac-ft/yr
PERIOD OF USE: Continuous for 1 domestic connection and season irrigation for lawn and/or garden	
PLACE OF USE: Parcel No. 607035, located within the SE ¹ / ₄ , NE ¹ / ₄ of Section 34, T. 21 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>Indoor use: 1 residential connection at 275 gallons per day (gpd) used continuously year round equates to 0.308 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) = 0.092 ac-ft/yr</p> <p>Outdoor use: The requestor proposes to irrigate 500 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 = 0.112 ac-ft/yr</p> <p>Contract water = 0.057 ac-ft/yr for the period September 1 to March 31</p>

NARRATIVE DESCRIPTION OF PROJECT:

The project is located adjacent to Cle Elum Lake, approximately 5 miles northwest of the City of Roslyn, in the “yellow area,” for the Western Water Partner’s Water Bank.

The requestor proposes to offset the 0.112 ac-ft/yr of consumptive use for the project (1 residential connection and 500 ft² of lawn and garden) with 0.112 ac-ft/yr of mitigation water acquired from Trust Water Right No. CS4-01939sb9. 0.057 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 0.019 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 G4-35797 may capture water from the nearby Spring Creek, which is located approximately 64 feet to the west of the proposed well. Spring Creek discharges to Cle Elum Lake which in turn eventually discharges to the mainstem Yakima River by way of the Cle Elum River.

WTWG Project form

Location of G4-35797

