

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Water Budget Neutral (WBN) Request No. G4-35722; mitigation from Trust Water Right No. S4-05259CTCL@2sb7		
APPLICANT NAME Smith Family Banti Creek	CONTACT NAME Jessica Kuchan	TELEPHONE NO. 206-838-7650
WATER RIGHT HOLDER'S NAME (if different)		EMAIL Kuchan@mentorlaw.com

DATE OF APPLICATION 10/16/2014	PRIORITY DATE
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WATER SOURCE: A future well in Parcel 445634, in the NE¼ NW¼ of Section 6, T19N, R15E.	CROP: Non-commercial lawn and garden.
INSTANTANEOUS QUANTITY: Not provided	ANNUAL QUANTITY: 0.609 acre-feet/year (afy)
PERIOD OF USE: Continuous for a single domestic and seasonal for 5,000 sq ft lawn and garden.	
PLACE OF USE: Parcel No. 445634, in the NE¼ NW¼ of Section 6, T19N, R15E.	PURPOSE OF USE: Single Domestic home and seasonal lawn and garden.
IRRIGATION METHOD: None	

<p>CONSUMPTIVE USE CALCULATION:</p> <p>Indoor use: One residential connection at 350 gallons per day (gpd) used continuously year round equates to 0.392 afy of water use Consistent with WAC 173-539A-050(3), 30% of domestic in-house use on a septic system is consumptively used, therefore: Indoor consumptive use = 0.118 afy</p> <p>Outdoor use: The requestor proposes to irrigate 5,000 ft² of lawn and garden. Using a crop irrigation requirement of 18.11 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 0.216 afy. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: Outdoor consumptive use = 0.195 afy</p> <p>CU for the project totals to .312 afy</p>
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<p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>Parcel No. 445634 is located in the Yakima River valley near the mouth of Spex Arth Creek (Figure 1). It is approximately 4 miles west of the City of Cle Elum in the NE¼NW¼ of Section 6, T19 N, R15E, in a Suncadia green suitability zone.</p> <p>A hydrogeology evaluation was performed for this request because it is very near Spex Arth Creek. Results show that a new well drilled within Parcel No. 445634 would likely</p>
