

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Water Budget Neutral (WBN) Request No. G4-35728; mitigation from Trust Water Right No. CS4-02255(A),(B),or (C) CTCL@2		
APPLICANT NAME Shannon Family LLC	CONTACT NAME Traci Shallbetter	TELEPHONE NO. 509 260-0037
WATER RIGHT HOLDER'S NAME (if different)		EMAIL traci@shallbetterlaw.com

DATE OF APPLICATION 11/06/2014	PRIORITY DATE
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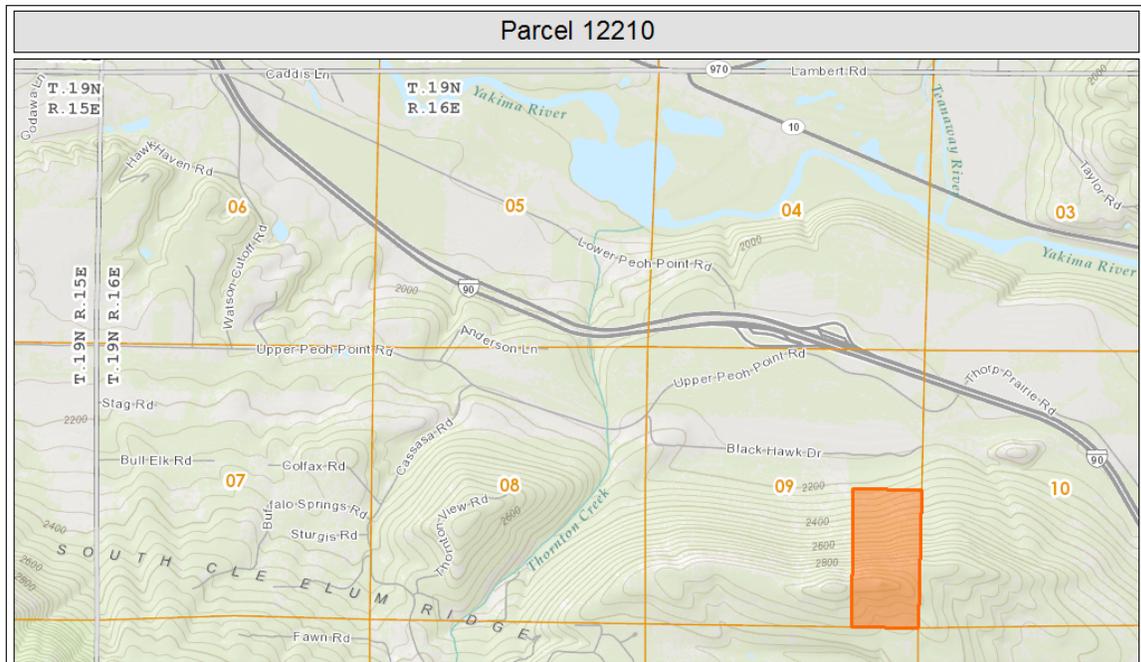
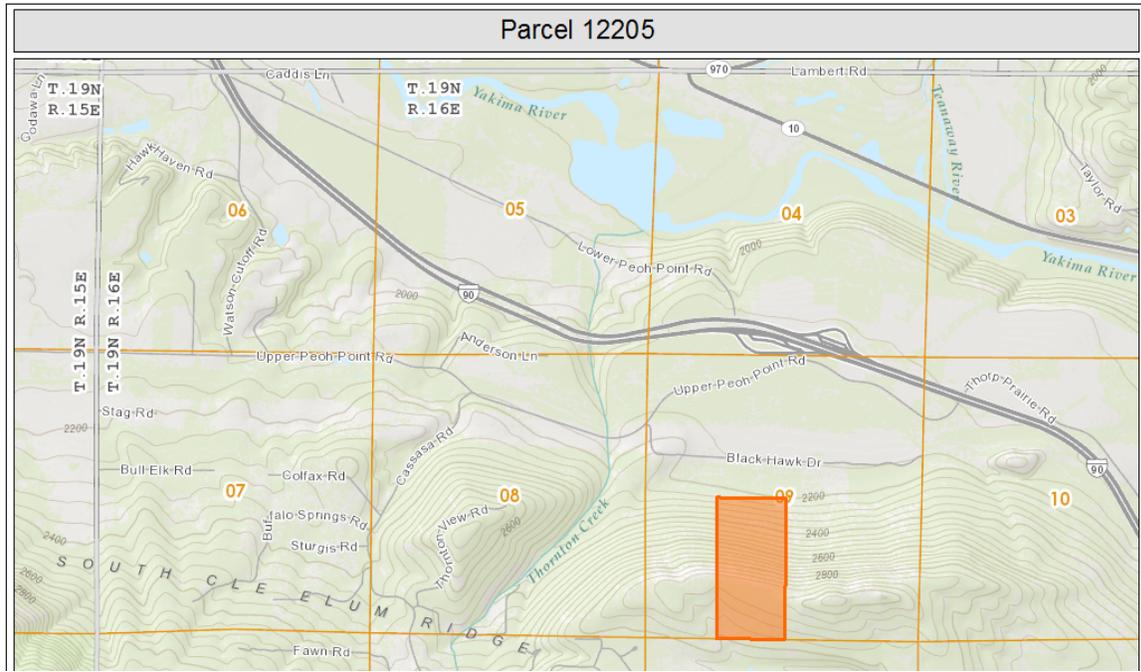
WATER SOURCE: Wells to be in Parcels 12205 located in E $\frac{1}{2}$ SW $\frac{1}{4}$ of Section 9; and 12210 in the E $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 9, all in T19N, R16E.	CROP: Non-commercial lawn and garden.
INSTANTANEOUS QUANTITY: Not provided	ANNUAL QUANTITY: 0.827 acre-feet/year (afy)
PERIOD OF USE: Continuous for two domestic and seasonal for 1,000 sq ft lawn and garden.	
PLACE OF USE: Parcels 12205 and 12210, located in Section 9 in T19N, R16E.	PURPOSE OF USE: Multiple Domestic homes and seasonal lawn and garden.
IRRIGATION METHOD: None	

<p>CONSUMPTIVE USE CALCULATION:</p> <p>Indoor use: Two residential connections at 350 gallons per day (gpd) used continuously year round equates to 0.784 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 = 0.235 afy</p> <p>Outdoor use: The requestor proposes to irrigate 1,000 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 0.043 afy. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: Outdoor consumptive use = 0.039 afy CU for the project totals to 0.274 afy</p>
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<p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>Parcels 12205 and 12210 are located approximately 5 miles southeast of Cle Elum on a north-facing slope on the south side of the Yakima River Valley (Figure 1). They are in the south $\frac{1}{2}$ of Section 9 in T19N, R16E, in a yellow suitability zone for the Masterson Ranch water bank. A WBN request (G4-35370) was previously approved for a parcel located immediately to the north of the location of the subject WBN request.</p>

Results of a hydrogeology evaluation indicate that wells drilled within Parcels 12205 and 12210 would likely capture water that would otherwise discharge to the Yakima River.

The requestor proposes to offset the 0.274 afy of consumptive use for the project (two residential connections and seasonal lawn and garden) with 0.274 afy of mitigation water acquired from Trust Water Right No. CS4-02255(A),(B),or (C) CTCL@2. During the irrigation season, 0.144 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) and released between September 1 and March 31 to address out-of-season impacts along the Yakima River.



Date: 12/19/2014

1 inch = 3,009 feet
Relative Scale 1:36,112

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Figure 1: Locations of Parcels 12205 (top) and 12210 (bottom) (in orange).