

## WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Water Budget Neutral (WBN) Request No. G4-35726; mitigation from Trust Water Right No. CS4-02255(A),(B),or (C) CTCL@2		
APPLICANT NAME Stephanie N Moore	CONTACT NAME Traci Shallbetter	TELEPHONE NO. 509 260-0037
WATER RIGHT HOLDER'S NAME (if different)		EMAIL traci@shallbetterlaw.com

DATE OF APPLICATION 10/20/2014	PRIORITY DATE
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WATER SOURCE: One existing well (ID ACL-806) located in Parcel 951114, in the NW¼ SE¼ of Section 1, T19N, R14E.	CROP: Non-commercial lawn and garden.
INSTANTANEOUS QUANTITY: Not provided	ANNUAL QUANTITY: 0.414 acre-feet/year (afy)
PERIOD OF USE: Continuous for a single domestic and seasonal for 500 sq ft lawn and garden.	
PLACE OF USE: Parcel No. 951114, located in the NW¼ SE¼ of Section 1, T19N, R14E.	PURPOSE OF USE: Single Domestic home and seasonal lawn and garden.
IRRIGATION METHOD: None	

<p>CONSUMPTIVE USE CALCULATION:</p> <p><b>Indoor use:</b> One residential connection at <b>350 gallons per day</b> (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: <b>Indoor consumptive use = 0.118 afy</b></p> <p><b>Outdoor use:</b> The requestor proposes to irrigate <b>500 ft<sup>2</sup></b> 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 0.022 afy. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: <b>Outdoor consumptive use = 0.019 afy</b></p> <p><b>CU for the project totals to 0.137 afy</b></p>
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<p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>Parcel No. 951114 is located on the northeast side of a topographic high between Spex Arth Creek and Peterson/Fowler Creek, approximately 4 miles southwest of the City of Cle Elum. It is in the NW¼ SE¼ of Section 1, T19N, R14E, in a yellow suitability zone for the Swiftwater Ranch LLC water bank (Figure 1).</p>
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Previous hydrogeology evaluations have been performed for nearby WBN requests, and the conclusions of those reports adequately apply to request G4-35726. Results show that the existing well drilled within Parcel No. 951114 would likely capture water that would otherwise discharge to the Yakima River.

The requestor proposes to offset the 0.137 ac-ft of consumptive use for the project (one residential connection and seasonal lawn and garden) with 0.137 ac-ft of mitigation water acquired from Trust Water Right No. CS4-02255(A),(B),or (C) CTCL@2. During the irrigation season, 0.072 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.

WTWG Project form

### Location Map for G4-35726

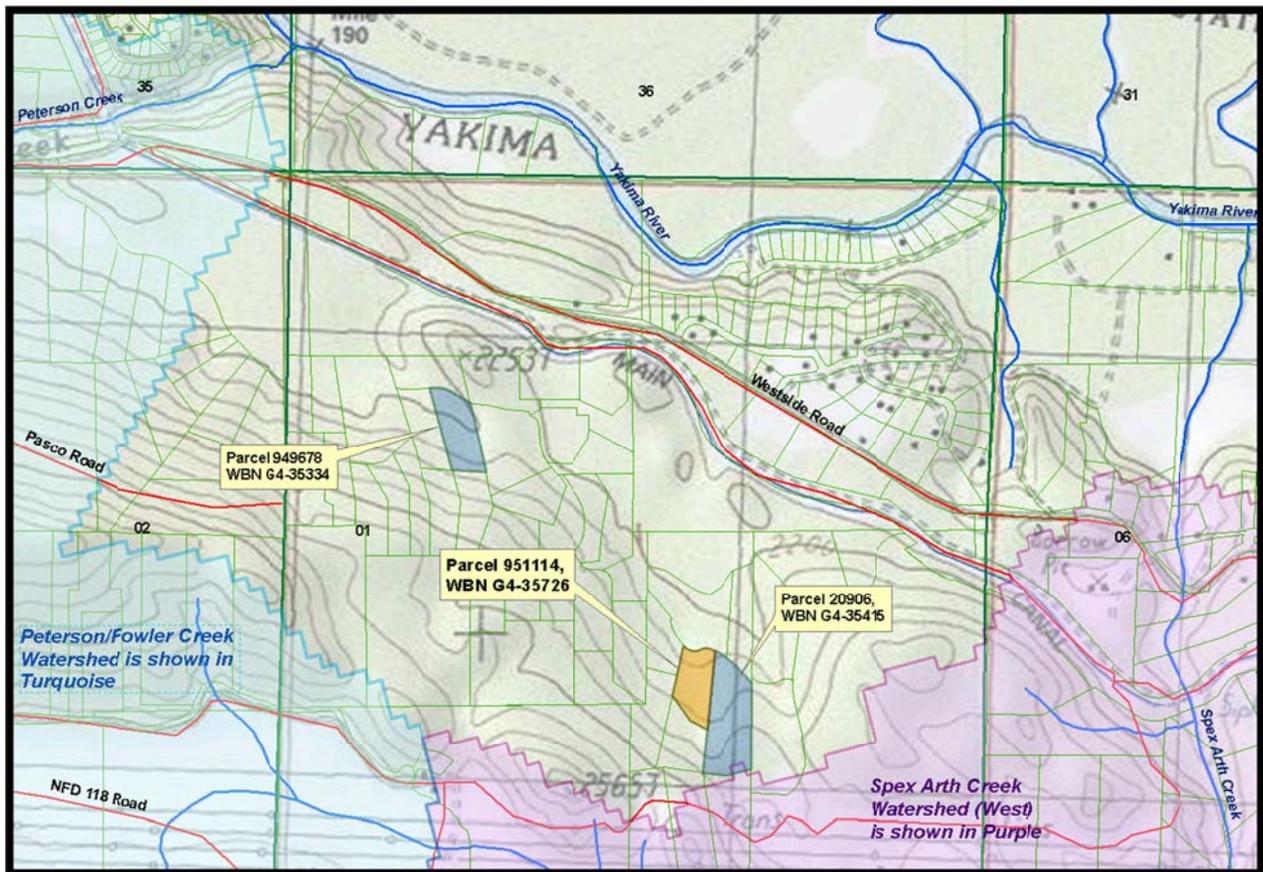


Figure 1: Location of Parcel 951114 (in orange) for WBN request G4-35726. Locations of previously-approved WBN requests G4-35334 and G4-35415 are shown, as are outlines of Peterson/Fowler Creek and Spex Arth Creek Watersheds.