

**WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION**

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35812 with mitigation from Trust Water Right No. S4-01724CTCLsb7		
APPLICANT NAME Charles Lathrop	CONTACT Steven Lathrop	CONTACT'S TELEPHONE NO 509.925.5622
WATER RIGHT HOLDER'S NAME (if different) SC Aggregate		CONTACT'S EMAIL steve@lwhsd.com

DATE OF APPLICATION December 24, 2015
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WATER SOURCE: 1 Existing Well	CROP: 0.025-acre (1,089 ft <sup>2</sup> ) lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: 9 gpm	ANNUAL QUANTITY: 0.362ac-ft/yr
PERIOD OF USE: Continuous for 1 domestic connection and season irrigation for lawn and/or garden.	
PLACE OF USE: Parcel No. 17382, located within the SE <sup>1</sup> / <sub>4</sub> NE <sup>1</sup> / <sub>4</sub> of Section 3, T. 17 N., R. 17 E.W.M.	PURPOSE OF USE: Domestic and irrigation of .025-acre (1,089 ft <sup>2</sup> ) of lawn and/or garden

<p>CONSUMPTIVE USE CALCULATION:</p> <p><b>Indoor use:</b> 1 residential connection at 250 gallons per day (gpd) used continuously year round equates to 0.280 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: <b>Indoor consumptive use (CU) = 0.084 ac-ft/yr</b></p> <p><b>Outdoor use:</b> Irrigation 0.025-acre (1,089 ft<sup>2</sup>) of lawn and/or garden. Using a crop irrigation requirement of 31.45 in/yr (or 1.51 ft/yr) for pasture/turf near Ellensburg from the Washington Irrigation Guide and an application efficiency of 80%, the total outdoor irrigation water use is 0.082 ac-ft/yr.</p> <p>90% of outdoor use is considered to be consumptively used; therefore,</p> <p><b>Outdoor consumptive use = 0.074 ac-ft/yr</b></p> <p><b>Total consumptive use = 0.158 ac-ft/yr</b></p>
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NARRATIVE DESCRIPTION OF PROJECT:

The project is located between Robinson and Manastash Creeks approximately 5.5 miles west of West Ellensburg and about 4.7 miles south of Thorp in a “yellow” area.

The applicant proposes to offset the 0.158 ac-ft/yr of consumptive use for the project (1 residential connection and 0.025-acre [1,089 ft<sup>2</sup>] of lawn and garden) with 0.158 ac-ft/yr of mitigation water acquired from Trust Water Right No. S4-01724CTCLsb7.

Ecology’s review of the local area hydrogeology suggests that the proposed source may withdraw groundwater that would otherwise discharge to Coleman and Catlin Canyon Creeks, and the Yakima River.

**Location of G4-35812**

