

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Application No. G4-35865 with mitigation from Trust Water Right No. CS4-05216sb5a(B)		
APPLICANT NAME	CONTACT	CONTACT'S TELEPHONE NO.
Elwood & Rebecca L Hunt	Darrin Burchak	509.260.0115
WATER RIGHT HOLDER'S NAME (if different)		CONTACT'S EMAIL
Burchak		jdburchak@hotmail.com

DATE OF APPLICATION
June 17, 2016

WATER SOURCE: 1 Existing, Shared Well	CROP: Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: 4.48	ANNUAL QUANTITY: 0.414 ac-ft/yr
PERIOD OF USE: Continuous for 1 domestic connection and season irrigation for lawn and/or garden	
PLACE OF USE: Parcel No. 950549, located within the SE¼, NE¼ of Section 9, T. 19 N., R. 15 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 350 gallons per day (gpd) used continuously year round equates to 0.392 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:</p> <p>Indoor consumptive use (CU) = 0.118 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:</p> <p>Outdoor consumptive use = 0.019 ac-ft/yr</p> <p>Total consumptive use = 0.137 ac-ft/yr</p> <p>Contract water = 0.072 ac-ft/yr for the period September 1 to March 31</p>

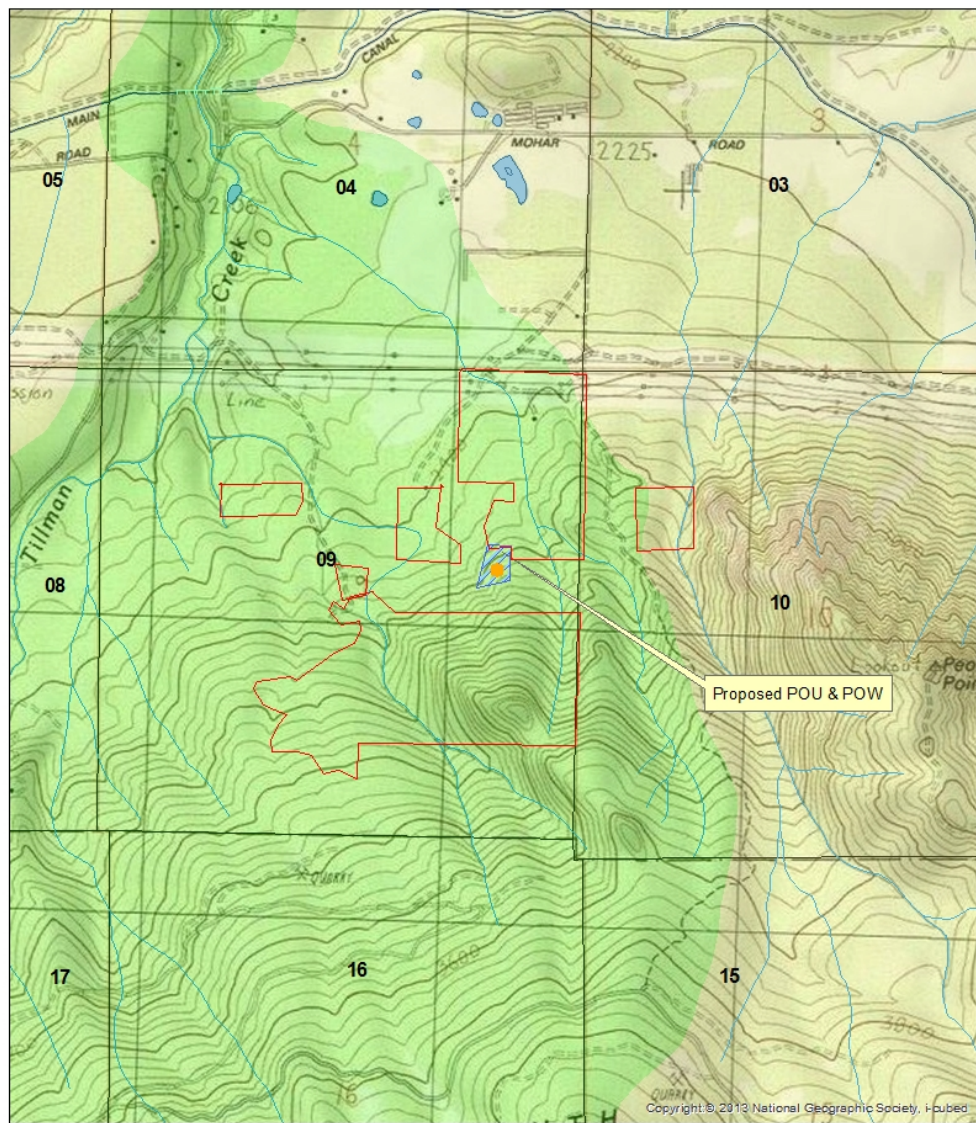
NARRATIVE DESCRIPTION OF PROJECT:

The project is located approximately 2 miles southwest of South Cle Elum in the Tillman Creek watershed.

The requestor proposes to offset the 0.137 ac-ft/yr of consumptive use for the project (1 residential connection and 500 ft² of lawn and garden) with 0.137 ac-ft/yr of mitigation water acquired from Trust Water Right No. CS4-05216sb5a(B). 0.087 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700

Review of the local area hydrogeology suggests that the proposed source would capture water that would otherwise discharge to the Yakima River and Tillman Creek.

G4-35865



0 0.05 0.1 0.2 0.3 0.4 Miles

Legend

- Previously Authorized
- Suitability
- Proposed POU
- Proposed POW
- Water Courses
- Sections

