

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request / Groundwater Right Application No. G4-36019 with mitigation from Trust Water Right No. CS4-00714sb2		
APPLICANT NAME Paul Stedman	CONTACT Jill Van Hulle	CONTACT'S TELEPHONE NO. 360-413-1510
WATER RIGHT HOLDER'S NAME (if different) Land Lloyd Development		CONTACT'S EMAIL Jill@pgwg.com

DATE OF APPLICATION August 27, 2018
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WATER SOURCE: Well (Well Tag ID AWK-632)	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. 949799, located within the SW $\frac{1}{4}$ SW $\frac{1}{4}$ of Section 3, T. 19 N., R. 14 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: indoor consumptive use (CU) = 0.118 ac-ft/yr.</p> <p>Outdoor Use: The requestor/applicant 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, therefore: outdoor consumptive use = 0.019 ac-ft/yr.</p> <p>Total Consumptive Use = 0.137 ac-ft/yr</p> <p>Exchange Contract Water = 0.072 ac-ft/yr for the period September 1 to March 31</p>

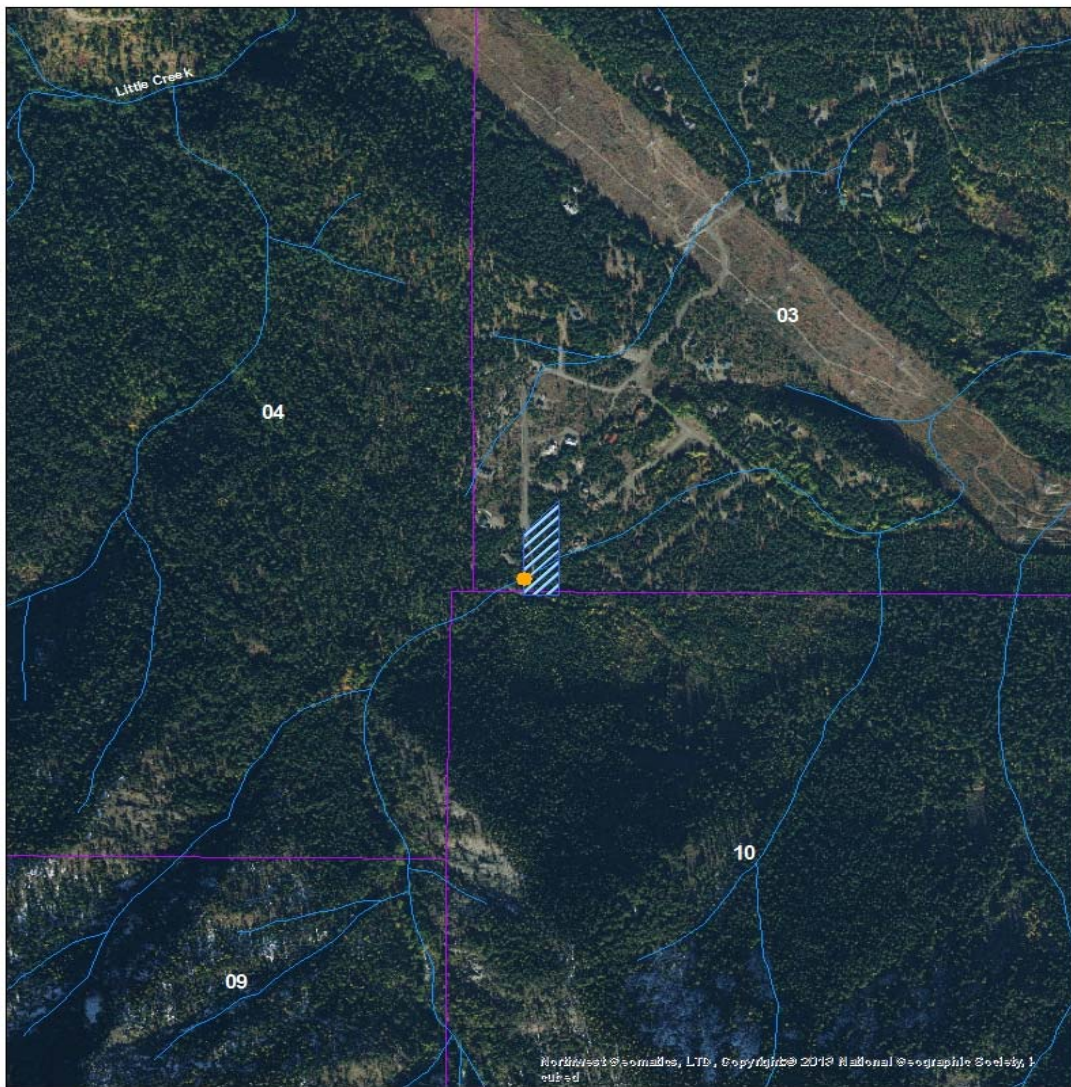
NARRATIVE DESCRIPTION OF PROJECT:

The project is located approximately 2 miles south from the Yakima River and approximately 5.2 miles southwest of South Cle Elum in a “Yellow” area as determined by Ecology’s senior hydrogeologist.

The requestor/applicant 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 from Trust Water Right No. CS4-00714sb2. Ecology will assign 0.072 ac-ft/yr to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) to address impacts to the Yakima River. In addition to the consumptive use of the project, Review of the local area hydrogeology suggests that minor reductions of flow to the Peterson/Fowler Creek drainage could be expected.

WTWG Project form





Location of G4-36019



0 0.040.08 0.16 0.24 0.32 Miles

Legend



-  Proposed POU
-  Proposed POW
-  Water Courses
-  Sections