

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35663 with mitigation from Trust Water Right No. CS4-00195CTCL(B)sb6		
APPLICANT NAME John & Susan Chappell	CONTACT Danielle Squeochs	CONTACT'S TELEPHONE NO 509-575-2396
WATER RIGHT HOLDER'S NAME (if different) Cabin Owners		CONTACT'S EMAIL daja461@ecy.wa.gov

DATE OF APPLICATION November 27, 2013	PRIORITY DATE
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WATER SOURCE: Well	CROP: None
INSTANTANEOUS QUANTITY: TBD	ANNUAL QUANTITY: 0.200 acre-ft/yr
PERIOD OF USE: Seasonal for 1 domestic connection (Cabin)	
PLACE OF USE: Parcel No. 014236 and 317636, located within the S½,SE¼ of Section 35, T. 23 N., R. 14 E.W.M.	PURPOSE OF USE: Domestic
IRRIGATION METHOD:	

<p>CONSUMPTIVE USE CALCULATION:</p> <p>Indoor use: 1 residential connection at 178.5 gallons per day (gpd) used continuously year round equates to 0.200 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) = 0.060 ac-ft/yr</p> <p>Outdoor use: The requestor proposes to irrigate 0 ft² of lawn and/or 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 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: Outdoor consumptive use = 0.0 ac-ft/yr</p> <p>Consumptive use for the project totals to 0.060 ac-ft/yr (CU for the period January 1 to December 31 is 0.060 ac-ft)</p>
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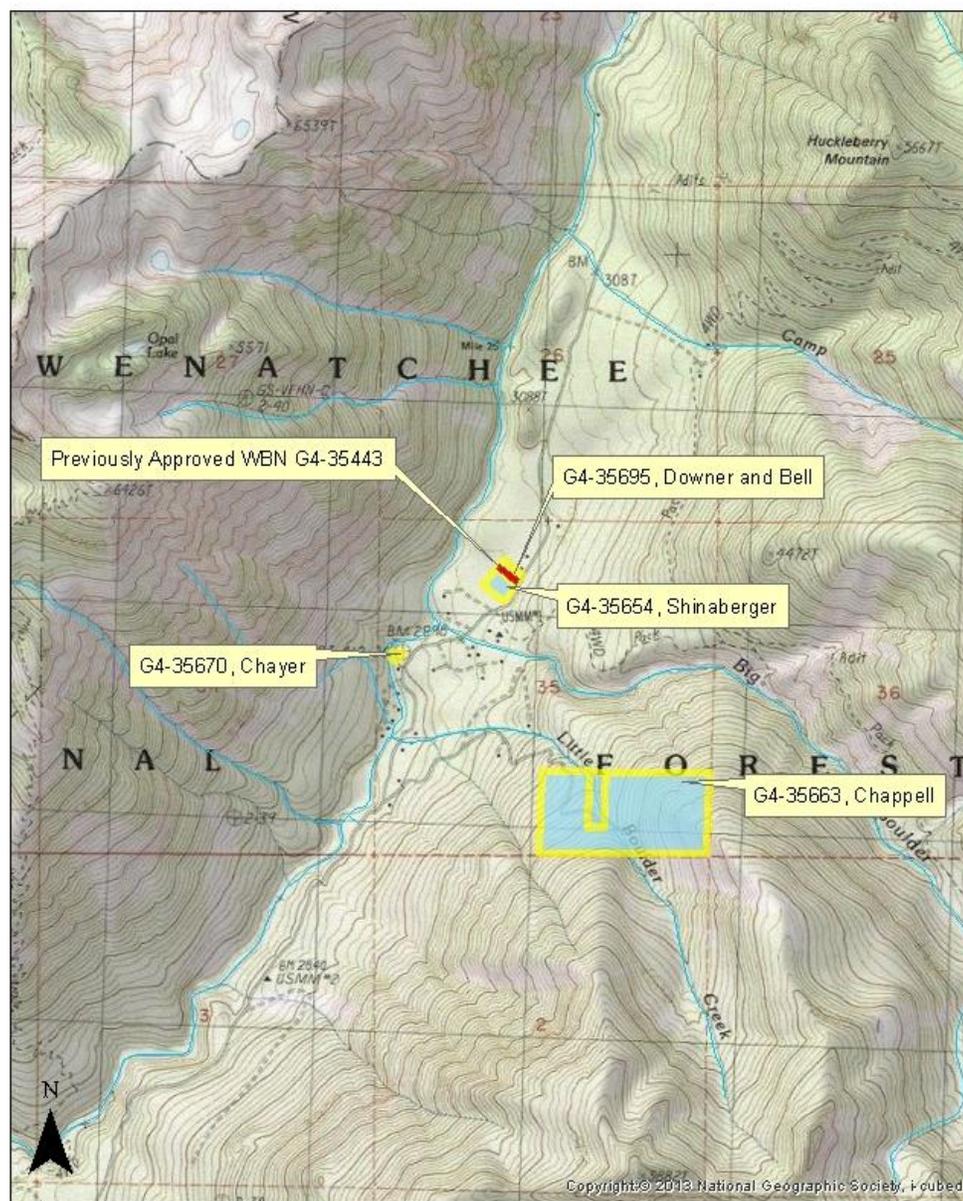
<p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>The requestor proposes to offset the 0.060 ac-ft/yr of consumptive use for the project (1 residential connection and 0 ft² of lawn and garden) with 0.060 ac-ft/yr of mitigation water acquired from Trust Water Right No. CS4-00195CTCL(B)sb6. 0.060 ac-ft is</p>

assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) to address out of season impacts along the Yakima River.

The proposed well is to be located in parcel 014236 or 317636. The Cabin Owners Mitigation Bank does not have a suitability map associated with the use. Review of the local area hydrogeology suggests that that the well drilled within the aforementioned parcels would likely capture water that would otherwise discharge to the Cle Elum River. Copies of the Draft Hydrogeology Memo for the subject water budget neutral request are available on request from Ecology. For a copy, please contact Danielle Squeochs at (509) 575-2396, daja@ecy.wa.gov.

WTWG Project form

Location Map for G4-35654, G4-35663, G4-35670, and G4-35695



0 0.125 0.25 0.5 0.75 1 Miles