

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35674 with mitigation from Trust Water Right No. CS4-0174CTCLsb10		
APPLICANT NAME Theodore J & Teresa I Davis	CONTACT Danielle Squeochs	CONTACT'S TELEPHONE NO 509-575-2396
WATER RIGHT HOLDER'S NAME (if different) Jerry Williams		CONTACT'S EMAIL daja461@ecy.wa.gov

DATE OF APPLICATION February 05, 2014	PRIORITY DATE February 5, 2014; mitigated by trust water right with June 30, 1881 priority date
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WATER SOURCE: Well	CROP: None
INSTANTANEOUS QUANTITY: TBD	ANNUAL QUANTITY: 0.392 acre-ft/yr
PERIOD OF USE: Continuous for 1 domestic connection	
PLACE OF USE: Parcel No. 950740, located within the NE $\frac{1}{4}$ of Section 07, T. 21 N., R. 13 E.W.M.	PURPOSE OF USE: Domestic
IRRIGATION METHOD:	

<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 proposes to irrigate 0 ft² of lawn and/or garden. Using a crop irrigation requirement of 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 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: Outdoor consumptive use = 0 ac-ft/yr</p> <p>Consumptive use for the project totals to 0.118 ac-ft/yr (CU for the period of April 1 to October 15 is 0.064 ac-ft and CU for the period October 16 to March 31 is 0.054 ac-ft)</p>

NARRATIVE DESCRIPTION OF PROJECT: The requestor proposes to offset the 0.118 ac-ft/yr of consumptive use for the project (1
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residential connection and 0 ft² of lawn and garden) with 0.118 ac-ft/yr of mitigation water acquired from Trust Water Right No. CS4-0174CTCLsb10. 0.054 ac-ft is 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 950740. The Jerry Williams Trust Water Right does not have a suitability map associated with the use.

The subject application is to provide water supply to one proposed residence. The parcel is on private land located on the west side of Lake Kachess, off Via Kachess Rd. Review of the local area hydrogeology suggests that withdrawals will most likely impact Lake Kachess.

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

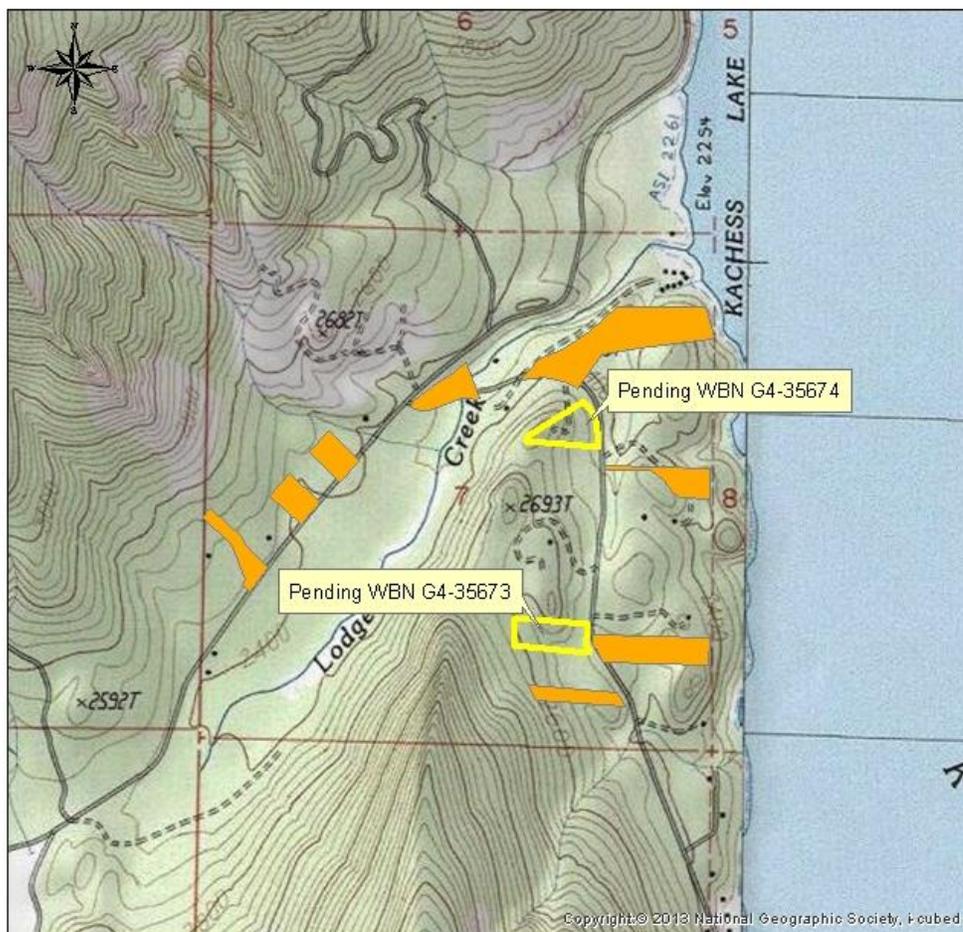


Figure 1: Map for WBN Applications G4-35673 and G4-35674. Parcels with previously approved WBNs are shown in orange.