WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35787 with mitigation from Trust Water Right No. CS4-02255(A)CTCL@2		
APPLICANT NAME Douglas & Jennifer Hunsaker	CONTACT Traci Shallbetter	CONTACT'S TELEPHONE NO (509) 260-0037
WATER RIGHT HOLDER'S NAME (if different) Swiftwater Ranch		CONTACT'S EMAIL traci@shallbetterlaw

DATE OF APPLICATION	PRIORITY DATE
August 28, 2015	

WATER SOURCE:	CROP:
Well	Lawn and\or noncommercial garden
INSTANTANEOUS QUANTITY:	ANNUAL QUANTITY: 0.414 acre-ft/yr
PERIOD OF USE: Continuous for 1 domestic connection and season irrigation for lawn and\or garden	
PLACE OF USE: Parcel No. 872434, located within the NE¼ of Section 02, T. 20 N., R. 14 E.W.M.	PURPOSE OF USE: Domestic and irrigation of 500 square feet of lawn and\or garden
IRRIGATION METHOD:	

CONSUMPTIVE USE CALCULATION:

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

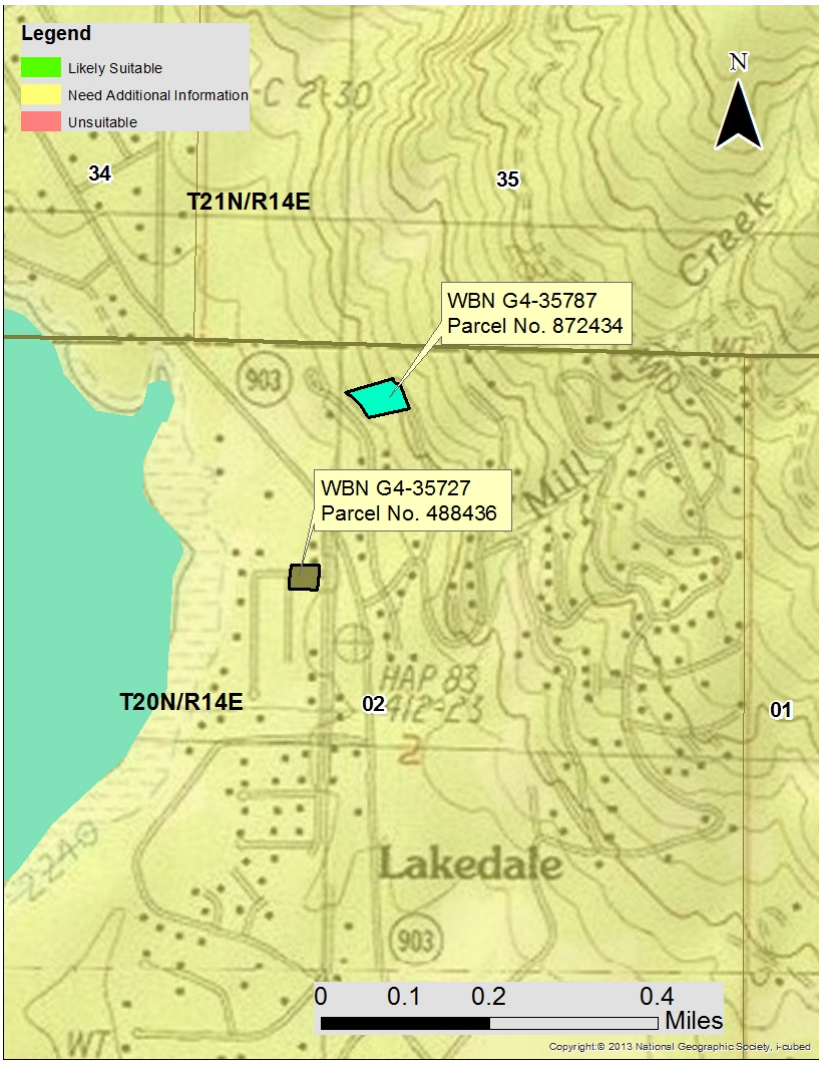
Outdoor use: The requestor proposes to irrigate 500 ft^2 of lawn and\or garden. Using a crop irrigation requirement of 18.10 in/yr (or 1.51 ft/yr) for pasture/turf near Cle Elum from the Washington Irrigation Guide and an application efficiency of 80%, the total outdoor irrigation water use is 0.022 ac-ft/yr.
Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so:
Outdoor consumptive use = 0.019 ac-ft/yr

Consumptive use for the project totals to 0.137 ac-ft/yr
(CU for the period of April 1 to August 31 is 0.065 ac-ft and CU for the period September 1 to March 31 is 0.072 ac-ft)

NARRATIVE DESCRIPTION OF PROJECT:

The requestor proposes to offset the 0.137 ac-ft/yr of consumptive use for the project (1 residential connection and 500 ft^2 of lawn and garden) with 0.137 ac-ft/yr of mitigation water acquired from Trust Water Right No. CS4-02255(A)CTCL@2. 0.072 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 872434. The proposed well is to be located in a "yellow area" for the Swiftwater Trust Water Right. Review of the local area hydrogeology suggests that withdrawals will likely impact Cle Elum Lake. Copies of the Draft Hydrogeology Memo for the subject water budget neutral request are available on request from Ecology.

WTWG Project form

Place of Use for G4-35787