

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Court Claim No. 00531		
APPLICANT NAME Union Creek Recreation Residence	CONTACT NAME Kelsey Collins	TELEPHONE NO. 509-575-2640
WATER RIGHT HOLDER'S NAME (if different) Union Creek Recreation Residence		EMAIL KESI461@ECY.WA.GOV

DATE OF APPLICATION Pending	PRIORITY DATE May 15, 1974; mitigated by trust water right with June 30, 1873 priority date
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WATER SOURCE: Unnamed Spring, tributary to American River	CROP: N/A - Indoor Use Only
INSTANTANEOUS QUANTITY: N/A	ANNUAL QUANTITY: 0.05 acre-feet (consumptive use)
PERIOD OF USE: Continuous – year round	
PLACE OF USE: Lots 2, 3, 4, 5, and 6 of Union Creek Recreation Residence Group within the SW ¹ / ₄ of unsurveyed Section 25, T. 17 N., R. 11 E.W.M., Snoqualmie National Forest.	PURPOSE OF USE: Community domestic for 5 summer cabins
IRRIGATION METHOD: N/A	

<p>CONSUMPTIVE USE CALCULATION: The junior claim holder is authorized to divert a cumulative annual quantity of 3.5 acre-feet per year. However, Ecology has determined (Ecology 2006) that the average seasonal recreational cabin uses no more than 100 gallons per day (gpd) or 0.03 ac-ft/yr for occupancy up to 105 days per year. Assuming 30 percent of total use is consumptive; each cabin would require 0.01 ac-ft/yr. Therefore, for the 5 cabins in the Union Creek community, 0.05 ac-ft/yr will be required to mitigate the junior claim.</p>

<p>NARRATIVE DESCRIPTION OF PROJECT: As directed by Senate Bill 6861, Ecology is providing water banking opportunities for Yakima Basin Cabin Owners with junior claims (post-1905) to purchase senior mitigation credits to offset the consumptive use of water during years of rationing by the US Bureau of Reclamation. Ecology proposes to offset 0.05 ac-ft/yr of consumptive use with mitigation credits from Trust Water Right Nos. CS4-00195CTCL(A)sb6, CS4-00195CTCL(B)sb6, and CS4-00195CTCL(C)sb6 – collectively known as Bruton Ditch. The Bruton Ditch project was last presented to the WTWG on September 14, 2009.</p>
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Of the 60 ac-ft/yr currently assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) under the Bruton Ditch project, 0.05 ac-ft will be allocated to the subject application to address impacts to TWSA.

PROPOSED USBR-ECOLOGY CONTRACT ASSIGNMENT RATIONALE

Diversion of surface water during rationing years will impact flows in the Yakima River when the TWSA irrigation supply period is in effect.

IMPACT ANALYSIS

The point of diversion is located on an unnamed spring, approximately 1,500 feet above the American River (diversion is not located in the Union Creek drainage). Water is diverted from the improved spring, filtered, and stored prior to distribution to the 5 cabins. Return flow to the American River occurs through septic. Based on the authorized quantities, the cumulative consumptive impact will not exceed 0.05 ac-ft/yr.

WDFW fish distribution data indicate Bull Trout and other ESA-listed fish are present in the American River and Union Creek. However, the small improved spring is not in direct continuity with either surface water body. The diversion (0.045 cfs) is below 1 percent of critical low flow of the American River; therefore, no ESA consultation has been conducted.

CONCLUSION

During rationing years, the availability of water to satisfy TWSA in the Yakima River will not be impacted if 0.05 ac-ft were held and released from Bumping Lake. Assignment of 0.60 ac-ft would be in compliance with the consultation threshold in paragraph 18(b) of the USBR-Ecology contract.

REFERENCES

Ecology 2011. Columbia River Instream Atlas Project, Publication Number: 11-12-015. Prepared by the Washington Department of Fish and Wildlife. September 2011.

Reclamation, 2005. Phase I Assessment Report, Storage Dam Fish Passage Study, Yakima Project, Washington. Revised April 2005

WDFW. SalmonScape. <http://wdfw.wa.gov/mapping/salmonscape/index.html>.

WTWG Project form

CLAIMANT NAME:

Mrs. Lenard Vander Houwen

Union Creek Recreation Residence

COURT CLAIM NO. 00531

Certificate Number: S4-83435-J

Subbasin: 16 Upper Naches

Source: An unnamed spring

Use: Group domestic supply for seven residences

Period of Use: Continuously

Quantity: 0.045 cubic foot per second, 3.5 acre-feet per year

Priority Date: **May 15, 1974**

Point of Diversion: 400 feet south and 700 feet west from the north quarter corner of unsurveyed Section 25, within the NE $\frac{1}{4}$ NW $\frac{1}{4}$ of unsurveyed Section 25, T. 17 N., R. 11 E.W.M., Snoqualmie National Forest.

Place of Use: Lots 2, 3, 4, 5, and 6 of Union Creek Recreation Residence Group within the SW $\frac{1}{4}$ of unsurveyed Section 25, T. 17 N., R. 11 E.W.M., Snoqualmie National Forest.

PROJECT LOCATION MAP

