

## WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Court Claim No. 00249		
APPLICANT NAME Young Men's Christian Association	CONTACT NAME Kelsey Collins	TELEPHONE NO. 509-575-2640
WATER RIGHT HOLDER'S NAME (if different) Young Men's Christian Association (Camp Dudley)		EMAIL KESI461@ECY.WA.GOV

DATE OF APPLICATION Pending	PRIORITY DATE December 16, 1941; mitigated by trust water right with June 30, 1873 priority date
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WATER SOURCE: Unnamed spring, tributary to Clear Lake and Rimrock Lake	CROP: N/A - Indoor Use Only
INSTANTANEOUS QUANTITY: N/A	ANNUAL QUANTITY: 1.2 acre-feet (consumptive use)
PERIOD OF USE: Continuous – year round	
PLACE OF USE: Tract "0-1" of Randall Yakima Highway Recreation Unit Plan within the NW <sup>1</sup> / <sub>4</sub> of Section 12 of Unsurveyed T. 13 N., R. 12 E.W.M., Snoqualmie National Forest	PURPOSE OF USE: Community domestic for 150-person camp
IRRIGATION METHOD: N/A	

CONSUMPTIVE USE CALCULATION: The junior claim holder is authorized to divert a cumulative annual quantity of 4.0 acre-feet per year. Assuming 30 percent of the total authorized Qa is consumptively used by indoor domestic use (on septic), the required mitigation is 1.2 ac-ft/yr.
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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 1.2 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. Of the 60 ac-ft/yr currently assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) under the Bruton Ditch project, 1.2 ac-ft will be allocated to the subject application to address impacts to TWSA.
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## 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 at an unnamed spring, approximately 1,500 feet Clear Lake. Water is diverted from the spring, filtered, chlorinated, and stored prior to distribution to the camp. Return flow to the lake occurs through septic. Based on the authorized quantities, the cumulative consumptive impact will not exceed 1.2 ac-ft/yr.

Rimrock Lake is a migratory barrier to anadromous salmonids (Tieton Dam has no fish passage facilities), and the existing fish ladder at Clear Lake Dam is ineffective in providing fish passage. In addition, the spring tributary is too small and/or steep to provide habitat for anadromous salmonids (Reclamation 2005), and WDFW fish distribution data indicate no occurrence of Bull Trout or other ESA-listed fish.

## CONCLUSION

During rationing years, TWSA in the Yakima River will not be impacted if 1.2 ac-ft were held and released from Rimrock Lake. Assignment of 1.2 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: Young Men's Christian Association**

COURT CLAIM NO. 00249

Certificate Number: S4-83203-J

Subbasin: 17 Tieton

Source: Unnamed spring tributary to Clear Lake

Use: Community domestic supply for 150-person camp

Period of Use: Continuously

Quantity: 0.11 cfs; 4 acre-feet per year

Priority Date: **December 16, 1941**

Point of Diversion: 700 feet south and 1400 feet west of the northeast corner of Section 11, being within the NW $\frac{1}{4}$ NE $\frac{1}{4}$  of Section 11, of Unsurveyed T. 13 N., R. 12 E.W.M., Snoqualmie National Forest

Place of Use: Tract "0-1" of Randall Yakima Highway Recreation Unit Plan within the NW $\frac{1}{4}$  of Section 12 of Unsurveyed T. 13 N., R. 12 E.W.M., Snoqualmie National Forest

PROJECT LOCATION MAP

