

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

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| APPLICATION NO./COURT CLAIM NO. No. G4-23645 | | |
| APPLICANT NAME Kachess Village Associates | CONTACT NAME Kelsey Collins | TELEPHONE NO. 509-575-2640 |
| WATER RIGHT HOLDER'S NAME (if different) Kachess Village Associates (c/o Robert Angrisano) | | EMAIL KESI461@ECY.WA.GOV |

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| DATE OF APPLICATION Pending | PRIORITY DATE November 8, 1974; mitigated by trust water right with June 30, 1873 priority date |
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| WATER SOURCE: Unnamed Creek, tributary to Lake Kachess | CROP: N/A - Indoor Use Only |
| INSTANTANEOUS QUANTITY: N/A | ANNUAL QUANTITY: 1.28 (consumptive use) |
| PERIOD OF USE: Continuous – year round | |
| PLACE OF USE: Section 17, T. 21 N., R. 13 E.W.M. | PURPOSE OF USE: Community domestic for 142 approved connections |
| IRRIGATION METHOD: N/A | |

CONSUMPTIVE USE CALCULATION:
The junior certificate holder is authorized to divert a cumulative annual quantity of 26.35 acre-feet per year. Based on metering data provided, the community has used a maximum of about 1.4 million gallons (or 4.28 acre-feet). Consumptive use is defined by rule (WAC 173-539(A)-050(3)) in upper Kittitas County as 30 percent of total use. Using the community current water use as a guide would imply about 1.28 acre-feet consumptive use would provide sufficient mitigation.

NARRATIVE DESCRIPTION OF PROJECT:
As directed by Senate Bill 6861, Ecology is providing water banking opportunities for Yakima Basin Cabin Owners with junior claims and/or certificates (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 1.28 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, 1.28 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 consists of an improved spring and infiltration gallery next to a small unnamed tributary, approximately 750 feet above the confluence with Lake Kachess. Water is diverted from the infiltration gallery, filtered, chlorinated, and stored prior to distribution to the community. Return flow to the lake occurs through septic. Based on the authorized quantities, the cumulative consumptive impact will not exceed 1.28 ac-ft/yr.

Kachess Lake is a migratory barrier to anadromous salmonids (Kachess Dam has no fish passage facilities), and the small tributary is too small and steep to provide habitat for anadromous salmonids (Reclamation 2005). In addition, WDFW fish distribution data indicate no occurrence of Bull Trout or other ESA-listed fish.

CONCLUSION

During rationing years, the availability of water to satisfy TWSA in the Yakima River will not be impacted if 1.28 ac-ft were held and released from Kachess Lake. Assignment of 1.28 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>.

PROJECT LOCATION MAP

