

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Court Claim No. 02079		
APPLICANT NAME Bear Cove Cabins, Inc.	CONTACT NAME Kelsey Collins	TELEPHONE NO. 509-575-2640
WATER RIGHT HOLDER'S NAME (if different) Bear Cove Cabins, Inc.		EMAIL KESI461@ECY.WA.GOV

DATE OF APPLICATION Pending	PRIORITY DATE April 21, 1939; mitigated by trust water right with June 30, 1873 priority date
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WATER SOURCE: Unnamed Spring, tributary to Bear Creek 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: Within the site plan for Bear Cove Cabins, Inc. in the E½NW¼ of Section 11 of Unsurveyed T. 13 N., R. 13 E.W.M., Snoqualmie National Forest	PURPOSE OF USE: Community domestic supply for 50 recreational cabins
IRRIGATION METHOD: N/A	

<p>CONSUMPTIVE USE CALCULATION:</p> <p>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.</p> <p>The community is located on National Forest System lands, authorized by a special use permit. The permit specifics lot appearance shall be maintained in the condition of a natural northwest forest environment. Planting of lawns or non-native plants is prohibited.</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 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 Burton 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 Burton Ditch project, 1.2 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 at an unnamed spring, approximately 1,200 feet above the Bear Creek. Water is diverted from the spring, filtered, chlorinated, and stored prior to distribution to the cabins. 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 Bear Creek has high sedimentation and does not meet Forest Plan standards for pool frequency (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 1.2 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>.

CLAIMANT NAME: **Bear Cove Cabins, Inc.** COURT CLAIM NO. 02079

Certificate Number: S4-83201-J

Subbasin: 17 Tieton

Source: Unnamed spring

Use: Community domestic supply for 50 recreational residences

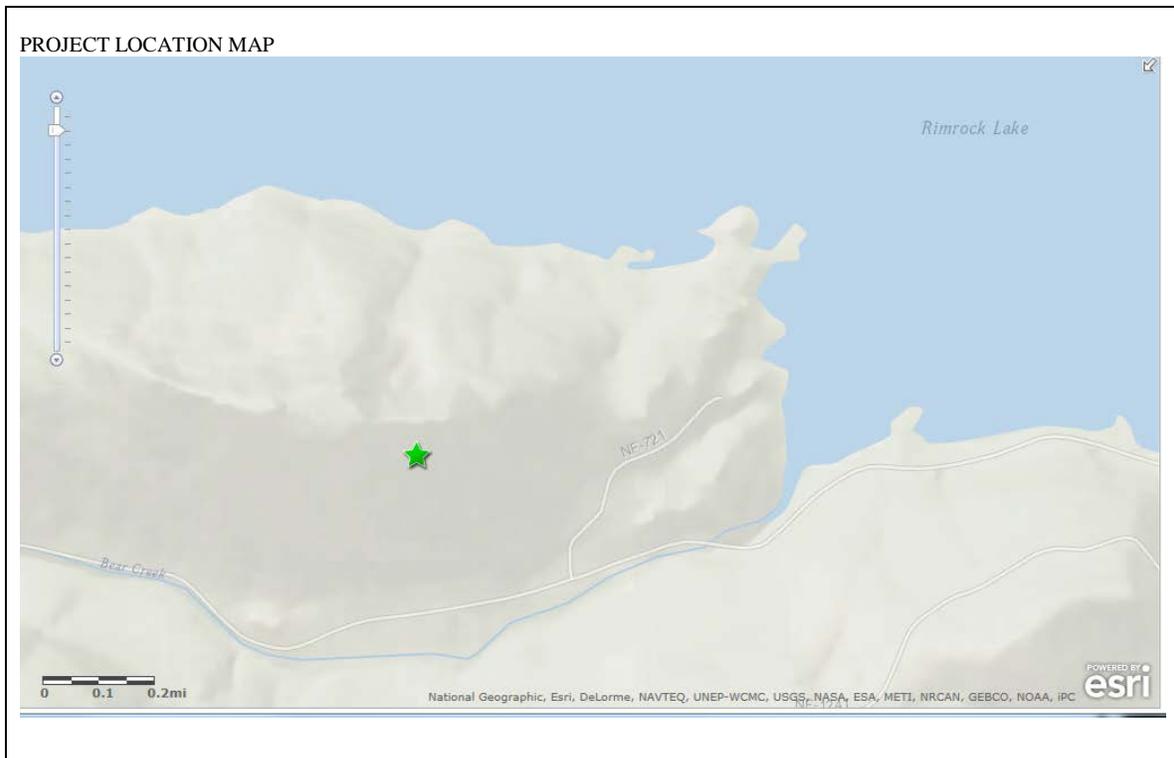
Period of Use: Continuously

Quantity: 0.025 cfs; 4 acre-feet per year

Priority Date: **April 21, 1939**

Point of Diversion: 350 feet north and 1400 feet east of the center of Section 10, being within the SE $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 10 of Unsurveyed T. 13 N., R. 13 E.W.M., Snoqualmie National Forest

Place of Use: Within the site plan for Bear Cove Cabins, Inc. in the E $\frac{1}{2}$ NW $\frac{1}{4}$ of Section 11 of Unsurveyed T. 13 N., R. 13 E.W.M., Snoqualmie National Forest



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