

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Court Claim No. 00763		
APPLICANT NAME Hart Creek Summer Homes Association	CONTACT NAME Kelsey Collins	TELEPHONE NO. 509-575-2640
WATER RIGHT HOLDER'S NAME (if different) Hart Creek Summer Homes Association		EMAIL KESI461@ECY.WA.GOV

DATE OF APPLICATION Pending	PRIORITY DATE May 26, 1948; mitigated by trust water right with June 30, 1873 priority date
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WATER SOURCE: Hart Creek, tributary to Rimrock Lake	CROP: N/A - Indoor Use Only
INSTANTANEOUS QUANTITY: N/A	ANNUAL QUANTITY: 0.9
PERIOD OF USE: Continuous – year round	
PLACE OF USE: Hart Creek Summer Homes community within the SW ¹ / ₄ NW ¹ / ₄ of Section 2; the S ¹ / ₂ S ¹ / ₂ NE ¹ / ₄ and N ¹ / ₂ N ¹ / ₂ SE ¹ / ₄ of Section 3, all lying northerly of State Highway 12; All being within Unsurveyed T. 13 N., R. 13 E.W.M., Snoqualmie National Forest.	PURPOSE OF USE: Community domestic DOH Water System ID 31495 (34 approved connections)
IRRIGATION METHOD: N/A	

<p>CONSUMPTIVE USE CALCULATION: Based on available metering data (1999 - 2011), the community has diverted an average annual quantity of 1.4 million gallons (or 4.43 ac-ft); exceeding their authorized Qa of 3.0 ac-ft. Assuming 30 percent of the authorized Qa is consumptively used by indoor domestic use (on septic), required mitigation is 0.9 ac-ft/yr. Based on the 34 current hookups, the average annual consumptive use will be limited to 0.026 ac-ft per connection.</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>

<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.</p>

Ecology proposes to offset 0.9 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, 0.9 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 Hart Creek, approximately 700 feet above the confluence with Rimrock Lake. Water is diverted from the creek, filtered, chlorinated, and stored in a 5,000 gallon tank prior to distribution to cabins. Return flow to the Lake occurs through septic. Based on the authorized quantities, the cumulative consumptive impact will not exceed 0.9 ac-ft/yr.

Rimrock Lake is a migratory barrier to anadromous salmonids (Tieton Dam has no fish passage facilities), and Hart Creek 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 0.9 ac-ft were held and released from Rimrock Lake. Assignment of 0.9 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: Hart Creek Summer Homes Association COURT CLAIM NO. 00763

Certificate Number: S4-83206-J

Subbasin: 17 Tieton

Source: Hart Creek tributary to Rimrock Lake

Use: Community domestic supply for 35 recreational residences

Period of Use: Continuously

Quantity: 0.02 cubic foot per second; 3 acre-feet per year

Priority Date: **May 26, 1948**

Point of Diversion: 1100 feet north and 250 feet east of the west quarter corner of Section

2, being within the SW¹/₄NW¹/₄ of Section 2 of Unsurveyed T. 13 N., R. 13 E.W.M., Snoqualmie National Forest.
Place of Use: Lots 1 through 24, and 26 through 36 of Hart Creek Summer Homes area within the SW¹/₄NW¹/₄ of Section 2; the S¹/₂S¹/₂NE¹/₄ and N¹/₂N¹/₂SE¹/₄ of Section 3, all lying northerly of State Highway 12; All being within Unsurveyed T. 13 N., R. 13 E.W.M., Snoqualmie National Forest.

PROJECT LOCATION MAP

