

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Court Claim No. 01325, (A) 03071		
APPLICANT NAME Cliff Dell Summer Home Association	CONTACT NAME Kelsey Collins	TELEPHONE NO. 509-575-2640
WATER RIGHT HOLDER'S NAME (if different)		EMAIL KESI461@ECY.WA.GOV

DATE OF APPLICATION Pending	PRIORITY DATE December 18, 1921; mitigated by trust water right with June 30, 1873 priority date
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WATER SOURCE: Davison Spring, a tributary to the Naches River	CROP: N/A - Indoor Use Only
INSTANTANEOUS QUANTITY: N/A	ANNUAL QUANTITY: 1.74 acre-feet (consumptive use)
PERIOD OF USE: Continuous – year round	
PLACE OF USE: Lots 4 through 22, 24 through 31, 33, 34, 36, 37 through 42, 47, 48, 52, and 56 through 65 of Cliff Dell Summer Homes, being within Homestead Entry Survey No. 156 in that portion of Government Lot 1 of Section 23 and Government Lot 1 of Section 22, T. 17 N., R. 14 E.W.M., north of the Naches River; as said plat existed from 1926 to 1974.	PURPOSE OF USE: Community domestic for 29 cabins within the Cliff Dell Summer Home Association
IRRIGATION METHOD: N/A	

<p>CONSUMPTIVE USE CALCULATION:</p> <p>The Cliff Dell community has metered their water use since 2007, with annual total water use ranging between 0.5 and 6.3 ac-ft/year. Ecology has determined (Ecology 2006) that the average full time/permanent residence with no irrigation uses up to 200 gpd (total use). Assuming 30 percent of total use is consumptive, approximately 0.06 ac-ft/yr (rounding down) would be required to mitigate for indoor use. Therefore, using a consumptive water duty of 0.06 ac-ft/yr for 29 cabins is 1.74 ac-ft/yr (consumptive use).</p>

<p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>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>
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Ecology proposes to offset 1.74 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, 1.74 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 Davison Spring, a tributary to the Naches River, located directly up-slope of Cliff Dell. Water is diverted from the spring, metered, and then conveyed to individual cabins under gravity flow. Return flow to the Naches River occurs through septic. Based on the authorized quantities, the cumulative consumptive impact will not exceed 1.74 ac-ft/yr.

Davison Springs does not support fish species. However, the Naches River, which Davison Spring is a tributary to, supports ESA-listed species including anadromous salmonids and bull trout. Any impacts for this diversion will be offset by releases from Bumping Lake, and will not impact TWSA in the Yakima River.

CONCLUSION

During rationing years, TWSA in the Yakima River will not be impacted if 1.74 ac-ft were held and released from Bumping Lake. Assignment of 1.74 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.

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

WTWG Project form

CLAIMANT NAME: Cliff Dell Summer Home Association

COURT CLAIM NO. 01325, (A)03071

Certificate Number: S4-83414-J

Subbasin: 16 Upper Naches

Source: Davison Spring

Use: Community domestic supply for 52 homes

Period of Use: Continuously

Quantity: 0.34 cfs; 11.7 acre-feet per year

Priority Date: **December 18, 1921**

Point of Diversion: 500 feet south and 300 feet east of the west quarter corner of Section 23, being within Government Lot 1 of Section 23 T. 17 N., R. 14 E.W.M.

Place of Use: Lots 4 through 22, 24 through 31, 33, 34, 36, 37 through 42, 47, 48, 52, and 56 through 65 of Cliff Dell Summer Homes, being within Homestead Entry Survey No. 156 in that portion of Government Lot 1 of Section 23 and Government Lot 1 of Section 22 T. 17 N., R. 14 E.W.M., north of the Naches River; as said plat existed from 1926 to 1974.

