WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Court Claim Nos. 00164, 02199, 02276 (Cert. No. S4-84362), and one pending Application for a New Water Right.		
APPLICANT NAME Bumping Lake Summer Homes	CONTACT NAME Kelsey Collins	TELEPHONE NO. 509-575-2640
WATER RIGHT HOLDER'S NAME (if different) Existing Claims: Maykut, Kendig, USFS Proposed New Mitigated Permit: Bumping Lake Summer Homes (3 of the 15 cabins have junior water rights)		EMAIL KESI461@ECY.WA.GOV

DATE OF APPLICATION	PRIORITY DATE
Pending	Post 1905; mitigated by trust water right with June 30, 1873 priority date

WATER SOURCE: Unnamed Creek, tributary to Bumping Lake	CROP: N/A
INSTANTANEOUS QUANTITY: Existing Claims: 0.01 cfs New Water Right: 0.12 cfs	ANNUAL QUANTITY: Existing Claims: 0.45 ac-ft/yr (consumptive use) New Water Right: 0.12 ac-ft/yr (consumptive use)
PERIOD OF USE: Continuous – year round	
PLACE OF USE: Bumping Lake Summer Homes within Section 22, T. 16 N., R. 12 E.W.M., Snoqualmie National Forest.	PURPOSE OF USE: Municipal supply for up to 15 summer homes
IRRIGATION METHOD: N/A	

CONSUMPTIVE USE CALCULATION:

Existing Claims - The three junior claim holders are each authorized to divert an annual quantity of 0.5 ac-ft/yr. Assuming 30 percent of the total authorized Qa is consumptively used at the cabins (on septic), up to 0.45 ac-ft/yr will be required for mitigation.

New Mitigated Water Right - Ecology has determined (Ecology 2006) that the average seasonal recreational cabin uses no more than 100 gallons per day (gpd) or 0.03 ac-ft/yr for occupancy up to 105 days per year. Assuming 30 percent of total use is consumptive; each cabin would require 0.01 ac-ft/yr. Therefore, for the 12 unpermitted cabins in the Bumping Lake Summer Homes community, 0.12 ac-ft/yr will be required to fully mitigate a new water right.

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.

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 up to 0.57 (0.45 + 0.12) 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, 0.57 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(s) of diversion are located on small unnamed tributaries, approximately 1,300 feet above Bumping Lake. Water is diverted and conveyed to the cabin community through one of four main distribution lines. Return flow to the lake occurs through septic. Based on the authorized quantities, the cumulative consumptive impact will not exceed 0.57 ac-ft/yr.

Bumping Lake is a migratory barrier to anadromous salmonids (Bumping Lake Dam has no fish passage facilities), and the unnamed tributaries are 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, TWSA in the Yakima River will not be impacted if 0.57 ac-ft were held and released from Bumping Lake. Assignment of 0.57 ac-ft would be in compliance with the consultation threshold in paragraph 18(b) of the USBR-Ecology contract.

REFERENCES

Ecology 2006. Report to the Legislature, Potential Water Solution for Domestic Surface Water Users, Yakima Basin Camps & Cabins Owners. December 2006.

Ecology 2011. Columbia River Instream Atlas Project, Publication Number: 11-12-015. Prepared by the Washington Department of Fish and Wildlife. September 2011.

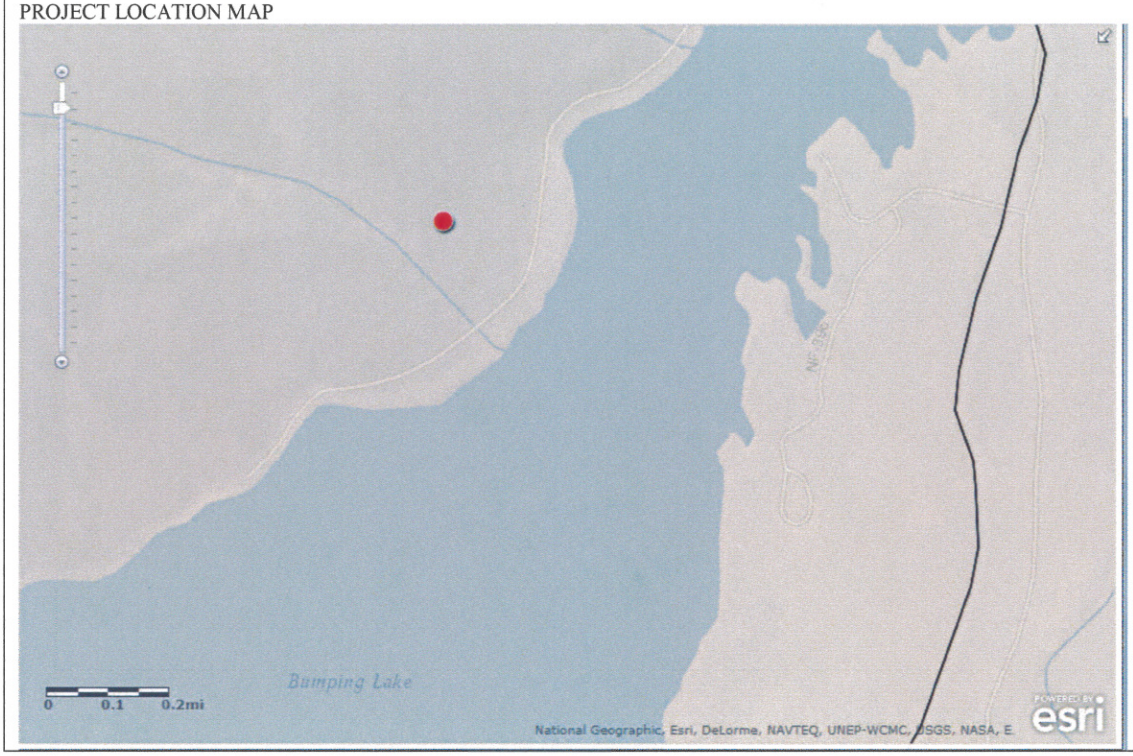
Reclamation, 2005. Phase I Assessment Report, Storage Dam Fish Passage Study, Yakima Project, Washington. Revised April 2005

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

WTWG Project form

CLAIMANT NAME:
Naydene Maykut
COURT CLAIM NO. 00164
Certificate Number: S4-83416-J
Subbasin: 16 Upper Naches
Source: An unnamed stream
Use: Single domestic supply
Period of Use: Continuously
Quantity: 0.01 cubic foot per second, 0.5 acre-foot per year
Priority Date: **February 26, 1945**
Point of Diversion: 800 feet south and 700 feet west from the center of unsurveyed Section 22, within the NE¼SW¼ of unsurveyed Section 22, T. 16 N., R. 12 E.W.M., Snoqualmie National Forest.
Place of Use: Tract No. 16 of Bumping Lake Summer Homes within the SE¼ of unsurveyed Section 22, T. 16 N., R. 12 E.W.M., Snoqualmie National Forest.

CLAIMANT NAME:
Les Kendig
COURT CLAIM NO. 02199
Certificate Number: S4-83426-J
Subbasin: 16 Upper Naches
Source: An unnamed stream
Use: Single domestic supply
Period of Use: Continuous
Quantity: 0.01 cubic foot per second, 0.5 acre-foot per year
Priority Date: **January 4, 1956**
Point of Diversion: 800 feet south and 700 feet west of the center of unsurveyed Section 22, within the NE¼SW¼ of Section 22, T. 16 N., R. 12 E.W.M.
Place of Use: Lot No. 10 of Bumping Lake Summer Home Tracts, within the SW¼ of unsurveyed Section 22, T. 16 N., R. 12 E.W.M., Snoqualmie National Forest.

CLAIMANT NAME:
United States of America
U.S. Forest Service
COURT CLAIM NO. 02276
Certificate Number: S4-84362-J
Subbasin: MC Major Claimants
Source: An unnamed creek
Use: Single domestic supply
Period of Use: Continuous
Quantity: 0.01 cubic foot per second, 0.5 acre-foot per year
Priority Date: **July 21, 1944**
Point of Diversion: 800 feet south and 700 feet west of the center of unsurveyed Section 22, within the NE¼SW¼ of Section 22, T. 16 N., R. 12 E.W.M.
Place of Use: Tract No. 16 of Bumping Lake Summer Homes in Section 22, T. 16 N., R. 12 E.W.M.

PROJECT LOCATION MAP