

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Court Claim Nos. 00412, 00800, 00153, 00946, 03214, 00277, 00280, 00994, and 00317, and pending Application(s) for a New Water Right.		
APPLICANT NAME Goose Prairie Home Tracts	CONTACT NAME Kelsey Collins	TELEPHONE NO. 509-575-2640
WATER RIGHT HOLDER'S NAME (if different) Multiple		EMAIL KESI461@ECY.WA.GOV

DATE OF APPLICATION Pending	PRIORITY DATE Post 1905; mitigated by trust water right with June 30, 1873 priority date
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WATER SOURCE: 3 Unnamed Springs, tributary to Bumping River, and the Bumping River	CROP: N/A
INSTANTANEOUS QUANTITY: Existing Claims: 0.06 cfs New Water Rights: 0.18 cfs	ANNUAL QUANTITY: Existing Claims: 0.675 ac-ft/yr (consumptive use) New Water Rights: 0.36 ac-ft/yr (consumptive use)
PERIOD OF USE: Continuous – year round	
PLACE OF USE: Goose Prairie Home Tracts within unsurveyed SE1/4SE1/4 Section 1 and NE1/4 Section 12, T. 16 N., R. 12 E.W.M., and SW1/4SW1/4 Section 6 and NW1/4NW1/4 Section 7 T. 16 N., R. 13 E.W.M. Snoqualmie National Forest.	PURPOSE OF USE: Domestic supply for up to 30 homes
IRRIGATION METHOD: N/A	

<p>CONSUMPTIVE USE CALCULATION:</p> <p><u>Existing Claims</u> - The junior claim holders are each authorized to divert an annual quantity of 2.25 ac-ft/yr. Assuming 30 percent of the total authorized Qa is consumptively used by indoor domestic use (on septic), up to 0.675 ac-ft/yr will be required for mitigation.</p> <p><u>New Mitigated Water Right</u> - Ecology has determined (Ecology 2006) that the average seasonal recreational cabin uses approximately 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 part time cabin would require 0.01 ac-ft/yr. Ecology's 2006 report also determined</p>

that full time/permanent residence with no irrigation uses up to 200 gpd (total use). This is approximately equal to 0.06 afy consumptive use. Therefore, for the assumed 18 unpermitted cabins (12 part time; 4 full time) in the Goose Prairie community, 0.36 ac-ft/yr will be required to fully mitigate a new water right.

Total authorization (existing and new) will not exceed 1.035 ac-ft/yr (consumptive use).

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 1.035 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, 1.035 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 springs (Webb Spring and two unnamed), approximately 1,900 feet from the Bumping River. Water is diverted and conveyed to the cabin community through a main distribution line. Return flow occurs through septic. Based on the authorized quantities, the cumulative consumptive impact will not exceed 1.035 ac-ft/yr.

The three springs are small and infiltrate before reaching the mainstem Bumping River, and WDFW fish distribution data indicate no occurrence of Bull Trout or other ESA-listed fish. However, the Bumping River does provide spawning and rearing habitat to ESA-listed species. The diversion (0.24 cfs) is below 1 percent of critical low flow of the Bumping River. Only other permitted diversion located above (or tributary) to the subject river reach (Bumping Lake Dam to Goose Prairie) is Camp Fife (Claim No. 01728). Therefore, no ESA consultation has been conducted.

The one claim (No. 00317) for the Bumping River diversion has not been located, but is included in this report for completeness.

CONCLUSION

During rationing years, TWSA in the Yakima River will not be impacted if 1.035 ac-ft were held and released from Bumping Lake. Assignment of 1.035 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

PROJECT LOCATION MAP



CLAIMANT NAME:

**Alvin R. Elliott
& Mona E. Elliott**

COURT CLAIM NO. 00412

Certificate Number:

S4-83419-J

Subbasin:

16 Upper Naches

Source:

Webb spring and stream

Use:

Single domestic supply

Period of Use:

Continuously

Quantity:

0.0025 cubic foot per second, 0.5 acre-foot per year

Priority Date:

August 20, 1949

Point of Diversion:

40 feet south and 2,200 feet west from the northeast corner of unsurveyed Section 12, being within the NW¹/₄NE¹/₄ of unsurveyed Section 12, T. 16 N., R. 12 E.W.M., Snoqualmie National Forest.

Place of Use:

Lots 6 and 7 of Roots Subdivision of Fife's Goose Prairie Home Tracts in the N¹/₂ of unsurveyed Section 12, T. 16 N., R. 12 E.W.M.

CLAIMANT NAME: **Richard Manka, et al.**

COURT CLAIM NO. 00800

Certificate Number: S4-83421-J

Subbasin: 16 Upper Naches

Source: Webb spring and stream

Use: Single domestic supply

Period of Use: Continuously

Quantity: 0.0025 cubic foot per second, 0.5 acre-foot per year

Priority Date: **July 26, 1950**

Point of Diversion: 40 feet south and 2,200 feet west from the northeast corner of unsurveyed Section 12, being within the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of unsurveyed Section 12, T. 16 N., R. 12 E.W.M., Snoqualmie National Forest.

Place of Use: S $\frac{1}{2}$ of Lot 2 of Roots Subdivision of Fife's Goose Prairie Home Tracts in the N $\frac{1}{2}$ of unsurveyed Section 12, T. 16 N., R. 12 E.W.M.

CLAIMANT NAME:

Leilani McCoy

COURT CLAIM NO. 00153

Certificate Number:

S4-83422-J

Subbasin:

16 Upper Naches

Source:

Webb spring and stream

Use:

Single domestic supply

Period of Use:

Continuously

Quantity:

0.0025 cubic foot per second, 0.5 acre-foot per year

Priority Date:

December 11, 1950

Point of Diversion:

40 feet south and 2,200 feet west from the northeast corner of unsurveyed Section 12, being within the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of unsurveyed Section 12, T. 16 N., R. 12 E.W.M., Snoqualmie National Forest.

Place of Use:

Lot 5 of Roots Subdivision of Fife's Goose Prairie Home Tracts in the N $\frac{1}{2}$ of unsurveyed Section 12, T. 16 N., R. 12 E.W.M.

CLAIMANT NAME:

**Jerry R. McCully
& Sally T. McCully
Dennis P. Sveen
& Darlene Sveen**

COURT CLAIM NO. 00946

Certificate Number:

S4-84115-J

Subbasin:

16 Upper Naches

Source:

Webb Spring and Stream

Use:

Group domestic supply for a home and cafe/grocery store

Period of Use:

Continuously

Quantity:

0.005 cubic foot per second, 0.50 acre-foot per year

Priority Date:

March 17, 1952

Point of Diversion:

40 feet south and 2200 feet west of the northeast corner of unsurveyed Section 12, T. 16 N., R. 12 E.W.M., Snoqualmie National Forest.

Place of Use:

Lot 1 of Short Plat, Recorded on August 24, 1978, in Book P of Short Plats, Page 27, being a portion of Tract 9 of Fife's Goose Prairie Home Tracts in unsurveyed Section 12, T. 16 N., R. 12 E.W.M.

CLAIMANT NAME: **Theodore W. Mellotte, Jr.** COURT CLAIM NO. 03214
& **Wanda E. Mellotte**

Certificate Number: S4-83424-J

Subbasin: 16 Upper Naches

Source: Webb Spring and stream

Use: Group domestic supply for eight cabins and eight trailer hookups

Period of Use: Continuously

Quantity: 0.005 cubic foot per second, 1.80 acre-feet per year

Priority Date: **March 17, 1952**

Point of Diversion: 40 feet south and 2,200 feet west of the northeast corner of unsurveyed Section 12, being within the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of unsurveyed Section 12, T. 16 N., R. 12 E.W.M., Snoqualmie National Forest.

Place of Use: Lot 2 of Short Plat, Recorded on August 24, 1978, in Book P of Short Plats, Page 27, being a portion of Tract 9 of Fife's Goose Prairie Home Tracts in unsurveyed Section 12, T. 16 N., R. 12 E.W.M.

CLAIMANT NAME:

**Charles A. Severn
& Helen M. Severn**

COURT CLAIM NO. 00277

Certificate Number:

S4-83425-J

Subbasin:

16 Upper Naches

Source:

Webb Spring and stream

Use:

Single domestic supply

Period of Use:

Continuously

Quantity:

0.0025 cubic foot per second, 0.50 acre-foot per year

Priority Date:

January 20, 1953

Point of Diversion:

40 feet south and 2,200 feet west of the northeast corner of unsurveyed Section 12, being within the NW¹/₄NE¹/₄ of unsurveyed Section 12 T. 16 N., R. 12 E.W.M., Snoqualmie National Forest.

Place of Use:

That portion of the N¹/₂ of unsurveyed Section 12 T. 16 N., R. 12 E.W.M., Snoqualmie National Forest, described as follows: Commencing at the southeast corner of Tract 9, Fife's Goose Prairie Home Tracts; thence N 36°36' W 505 feet to the point of beginning; thence N 36°06' W 508 feet; thence S 53°24' W 173 feet; thence S 36°36' E 503 feet; thence N 53°24' E 173 feet to the point of beginning.

CLAIMANT NAME: David R. Bachmann
& Penny Bachmann

COURT CLAIM NO. 00280

Certificate Number: S4-83427-J

Subbasin: 16 Upper Naches

Source: Webb spring and stream

Use: Single domestic supply

Period of Use: Continuously

Quantity: 0.01 cubic foot per second, 0.5 acre-foot per year

Priority Date: **September 21, 1959**

Point of Diversion: 40 feet south and 2,200 feet west of the northeast corner of unsurveyed Section 12, being within the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of unsurveyed Section 12 T. 16 N., R. 12 E.W.M., Snoqualmie National Forest.

Place of Use: That portion of Tract 9, Fife's Goose Prairie Home Tracts, within the N $\frac{1}{2}$ of unsurveyed Section 12, T. 16 N., R. 12 E.W.M. described as follows: Beginning at the northwest corner of said tract; thence N 36°36' W 127 feet along the westerly line of said tract; thence N 53°24' E 98 feet; thence N 36°36' W 99 feet more or less to the northerly line of said tract; thence northwesterly along said northerly line to the point of beginning.

CLAIMANT NAME:

**Glenn K. Rice
& Audrey Rice**

COURT CLAIM NO. 00994

Certificate Number:

S4-83417-J

Subbasin:

16 Upper Naches

Source:

An unnamed spring

Use:

Single domestic supply

Period of Use:

Continuously

Quantity:

0.01 cubic foot per second, 0.5 acre-foot per year

Priority Date:

September 26, 1945

Point of Diversion:

400 feet north and 250 feet east from the south quarter corner of unsurveyed Section 1, within the SW $\frac{1}{4}$ SE $\frac{1}{4}$ of unsurveyed Section 1, T. 16 N., R. 12 E.W.M., Snoqualmie National Forest.

Place of Use:

Lots 13, 18, and 19 of Roots Subdivision of Fife's Goose Prairie Home Tracts in the N $\frac{1}{2}$ of unsurveyed Section 12, T. 16 N., R. 12 E.W.M.

CLAIMANT NAME: **Mable E. Millard**

COURT CLAIM NO. 00317

Certificate Number: S4-83442-J

Subbasin: 16 Upper Naches

Source: An unnamed spring

Use: Single domestic supply

Period of Use: Continuous

Quantity: 0.01 cubic foot per second, 0.5 acre-foot per year

Priority Date: **June 30, 1929**

Point of Diversion: 500 feet south and 650 feet east from the center of unsurveyed Section 12, being within the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 12, T. 16 N., R. 12 E.W.M.

Place of Use: Lot 54 Fife's Goose Prairie Home Tracts in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ and the SW $\frac{1}{4}$ NE $\frac{1}{4}$ within unsurveyed Section 12, T. 16 N., R. 12 E.W.M. southeast of the road.

Limitations Of Use: The total annual diversion under this right and the right to the Bumping River shall not exceed 0.5 acre-foot per year for single domestic supply.

CLAIMANT NAME: **Mable E. Millard**

COURT CLAIM NO. 00317

Certificate Number: S4-83441-J

Subbasin: 16 Upper Naches

Source: Bumping River

Use: Single domestic supply

Period of Use: Continuous

Quantity: 0.01 cubic foot per second, 0.5 acre-foot per year

Priority Date: **June 30, 1929**

Point of Diversion: 500 feet south and 675 feet east from the center of unsurveyed Section 12, being within the NW $\frac{1}{4}$ SE $\frac{1}{4}$ of Section 12, T. 16 N., R. 12 E.W.M.

Place of Use: Lot 54 Fife's Goose Prairie Home Tracts in the NW $\frac{1}{4}$ NW $\frac{1}{4}$ SE $\frac{1}{4}$ and the SW $\frac{1}{4}$ NE $\frac{1}{4}$ within unsurveyed Section 12, T. 16 N., R. 12 E.W.M. southeast of the road.

Limitations Of Use: The total annual diversion under this right to the Bumping River and an unnamed spring shall not exceed 0.5 acre-foot per year for single domestic supply.