

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. S4-35710		
APPLICANT NAME Sunnyside Holding Investments, Inc	CONTACT NAME Kelsey Collins	TELEPHONE NO. 509-575-2640
WATER RIGHT HOLDER'S NAME (if different)		EMAIL KESI461@ECY.WA.GOV

DATE OF APPLICATION August 4, 2014	PRIORITY DATE Post 1905; mitigated by trust water right with June 30, 1873 priority date
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WATER SOURCE: Wildcat Creek, a tributary of the Tieton River	CROP: N/A - Indoor Use Only
INSTANTANEOUS QUANTITY: 0.033 cfs (15 gpm)	ANNUAL QUANTITY: 0.12 acre-feet (consumptive use)
PERIOD OF USE: Continuous – year round	
PLACE OF USE: Summer camp and leasehold rights situated within the Northeast quarter of the Southwest quarter of Section 30, Township 14 N., Range 14 E.W.M., former YWCA Camp Rimrock Snoqualmie National Forest, on Government leased land, Lease No. NAC 0050 (Yakima County Assessor's Parcel No. 141430-11901)	PURPOSE OF USE: Multiple Domestic
IRRIGATION METHOD: N/A	

CONSUMPTIVE USE CALCULATION: <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, and 200 gpd or 0.20 ac-ft/yr for year round occupancy. Assuming 30 percent of total use is consumptive; each cabin would require up to 0.06 ac-ft/yr. Therefore, for the 2 proposed connections at Camp Jubilee, 0.12 ac-ft/yr will be required to fully mitigate a new water right.

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 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, up to 0.12 ac-ft will be allocated to the subject applications 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 TWSA irrigation supply period is in effect.

IMPACT ANALYSIS

The point of diversion is located directly on Wildcat Creek, a tributary to the Tieton River. Water is pumped from the creek and conveyed a short distance to the cabin and lodge for general domestic use. Water which is not consumptively used is discharged to an individual on-site septic which discharges back toward Wildcat Creek.

Wildcat Creek is tributary to Tieton River, historically supporting ESA-listed species including spring Chinook salmon and summer steelhead in its lower reaches. Impacts to ESA-listed species can be a limiting factor in permitting mitigation water. However, flow data suggests that impacts to Wildcat Creek would be considered minor (i.e., less than 1 percent of critical low flow). On September 11, 2015, flows in Wildcat Creek were measured at 1.25 cfs. The cumulative diversion volume – defined as the total Qa normalized over a 6-month period – is about 0.001 cfs. In addition, there is one confirmed court claim within the Wildcat drainage (Court Claim No. 02276). The claim allows the diversion of 0.004 cfs and 0.403 ac-ft/yr from two unnamed springs for stock watering and wildlife. The cumulative impacts of this proposed use and Court Claim No. 02276 is about 0.0022 cfs, which is less than 1% of the low flow measured this year. Therefore, no formal ESA consultation has been conducted.

During rationing years, the availability of water to satisfy TWSA in the Yakima River will not be impacted if up to 0.12 ac-ft were held and released from Rimrock Lake. Assignment of 0.12 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>.

PROJECT LOCATION MAP

