

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. CS4-00756sb2@3		KITT-13-07
APPLICANT NAME Teaway Ridge LLC	CONTACT NAME Jeff Slothower	TELEPHONE NO. 509.925.6916
WATER RIGHT HOLDER'S NAME (if different) Gerald J. Griffin – Court Claim 00756 (Sub 2 Easton)		EMAIL jslothower@lwhsd.com

DATE OF APPLICATION December 2, 2013	PRIORITY DATE 6/30/1889
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WATER SOURCE: “Water in continuity w/Big Creek” is the source stated on the 2007 ROD. This appears to have been a proposed well which was never used.	CROP: Pasture changed to Municipal use in 2007. Current change will be Municipal use changing to instream flow for water banking/mitigation for other water uses.
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INSTANTANEOUS QUANTITY: See table below:	ANNUAL QUANTITY: See table below:
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PERIOD OF USE:		
Cubic feet per second	Acre-feet per year	Type of use, period of use
0.34	60 (21.02 afy consumptive and 38.98 afy non-consumptive)	Municipal Supply January 1 to December 31
0.156	*	Stock water March 1 to April 30
0.02	*	Stock water May 1 to September 1
0.156	*	Stock water September 2 to November 15
0.222	*	Stock water November 16 to February 29

*Cumulative total for stock is 0.9 acre-feet per year.

PLACE OF USE: Primary Reach: The portion of Big Ck. below the original POD to the confluence with Yakima R. Secondary Reach: Confluence of Big Ck. and Yakima R. downstream to confluence with the Columbia R.	PURPOSE OF USE: Instream flow to be used for mitigation of other water uses.
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IRRIGATION METHOD: Was originally flood irrigation of 17 acres of timothy grass/pasture. Tentative Determination for 2006/07 change resulted in a reduction of the irrigated acreage to 12.5 acres. Stock water was not changed.

CONSUMPTIVE USE CALCULATION:

The ROE refers to the consumptive use calculation that was described in the 2006/07 ROE as part of the change of water right from irrigation water to municipal use:

Crop Irrigation Requirement(CIR)

Cle Elum "WIG" for pasture = 18.11 inches or 1.51 ft.
12.5 acres of pasture x 1.51 ft. = 18.9 acre-ft.

Total Irrigation Requirement(TIR)

TIR = CIR / application efficiency

Application efficiency was determined by dividing the original authorized Qa by the total acreage irrigated as confirmed by the Yakima Adjudication CFO.

17 acres / 81.6 acre-ft = application efficiency factor of .315

TIR = 18.9 af / .315 = 60 af

Consumptive Use (CU)

CU = (application efficiency + evaporation) x TIR

CU = (.315 x .05)x 60 af

CU = .0365 x60 af = 21.9 af

21.9 acre-ft consumptive use

Transfer Consumptive Use Summary

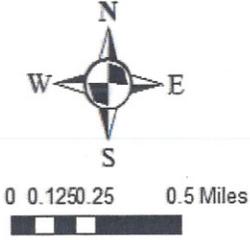
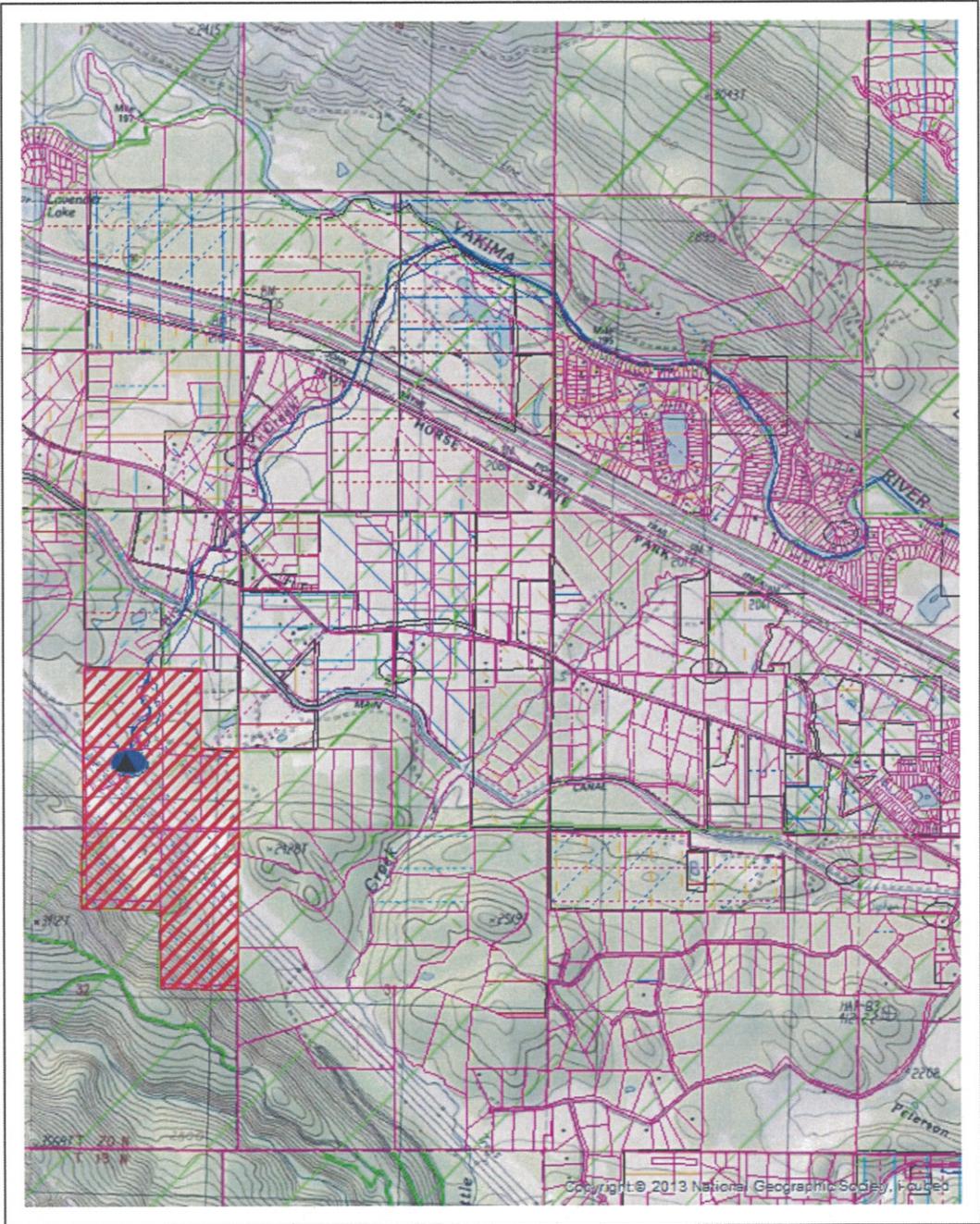
CU from spreadsheet = 17.02 acre-ft for domestic

CU from other sources = 4 acre-ft for pond evaporation

= **21.02 acre-ft consumptive use**

NARRATIVE DESCRIPTION OF PROJECT:

The applicant intends to enter into a Trust Water Right Agreement with Ecology after the subject change to instream flow is completed. The Trust Water Right will be made possible by the historically fallowed 12.5 acres of timothy grass pasture and the termination of stock water use. In 2007 the irrigation/stockwater right was changed to municipal use, at which time the Consumptive Use calculations were made and verified by Ecology. The municipal project has been delayed for reasons not disclosed in the ROE, and the water right was put into Temporary Trust for instream flow from 2009 until March of 2011. The subject change will change the purpose of use from municipal to instream flow, which the applicant intends to use as mitigation of other water uses. Not all of the future uses have been determined, but one of the intended projects is supposed to provide municipal water to development property which will be annexed into the City of Cle Elum.



Teaway Ridge KITT-13-07

- ▲ Teaway Ridge POD
- Teaway Ridge Instream Flow
- ▨ Teaway Ridge municipal POU