### WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

**APPLICATION NO./COURT CLAIM NO.**  
Water Budget Neutral Request No. G4-35475 with mitigation from Trust Water Right No. CS4-00195CTCLsb6 (Bruton Ditch)

**APPLICANT NAME**  
Kittitas County Fire District No. 7

**CONTACT NAME**  
Kurt Walker - Ecology

**TELEPHONE NO.**  
509-454-4237

**DATE OF APPLICATION**  
April 15, 2011

**PRIORITY DATE**  
Priority date of mitigation: June 30, 1873.

**WATER SOURCE:**  
well

**CROP:**  
none

**INSTANTANEOUS QUANTITY:**  

**ANNUAL QUANTITY:**  
0.392 acre-ft/yr

**PERIOD OF USE:**  
Continuous

**PLACE OF USE:**  
Parcel No. 776935, located within the NE¼NW¼ of Section 28, T. 21 N., R. 14 E.W.M.

**PURPOSE OF USE:**  
Domestic

**IRRIGATION METHOD:**

**CONSUMPTIVE USE CALCULATION:**

**Indoor use:**  
350 gallons per day (gpd) used continuously year round equates to 0.392 ac-ft/yr of water use, or:  

\[
(350 \text{ gpd}) \times (365 \text{ days}) \times (1.0 \text{ ac-ft/325,851 gal}) = 0.392 \text{ afy}
\]

Consistent with WAC 173-539A-050(3), 30% of domestic in-house use on a septic system is consumptively used, therefore:  

\[
\text{Indoor consumptive use} = (0.392 \text{ afy}) \times (0.30) = \textbf{0.118 ac-ft/yr}
\]

**As a result, the total consumptive use (CU) for the project is 0.118 ac-ft/yr**  
(CU April 1 to Aug 31 is 0.049 ac-ft and CU Sept 1 to Mar 31 is 0.068 ac-ft)

**NARRATIVE DESCRIPTION OF PROJECT:**

The requestor proposes to offset the 0.118 ac-ft/yr of consumptive use for the project with 0.118 ac-ft/yr of mitigation water acquired from Trust Water Right No. CS4-00195CTCLsb6. During the irrigation season, 0.068 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) and released between Sept 1 to Mar 31 to address out of season impacts along the Yakima River. In addition, consistent
with the Exchange Contract, Ecology plans to assign 0.023 ac-ft of the Trust Water Right to be managed within the Trust Water Right Program for instream flow purposes to benefit the Yakima River.

The proposed well for the new use is to be located in an area that needed additional information (“yellow area”) to determine the suitability of the CS4-00195CTCLsb6 Trust Water Right for use as mitigation to offset the new use. Review of the local area hydrogeology suggests that the proposed withdrawal would, more likely than not, impact Newport Creek which is located approximately 300 feet to the south of the subject well. Copies of the Draft Hydrogeology Memo for the subject water budget neutral request are available on request from Ecology. For a copy, please contact Kurt Walker at (509) 454-4237, or kwal461@ecy.wa.gov.
Outline of Parcel No. 956709 (blue) is overlain on DNR Geologic Map and USGS topographic contour map.