2010-46

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Court Claim No. 00914		Badda
APPLICANT NAME	CONTACT NAME	TELEPHONE NO.
Trout Unlimited Washington Water Project for Robert J. and Cecilia A. Badda	Lisa Pelly, Trout Unlimited-WWP	(509) 888-0970
WATER RIGHT HOLDER'S NAME (if different)		EMAIL
Robert J. Badda and Cecilia A. Badda		lpelly@tu.org

DATE OF APPLICATION	PRIORITY DATE
May 25, 2010	June 30, 1889

WATER SOURCE:	CROP:
Teanaway River	12 acres of timothy hay and alfalfa
INSTANTANEOUS QUANTITY:	ANNUAL QUANTITY:
0.24 cfs	78.0 afy for irrigation
PERIOD OF USE:	
May 1- September 15	
PLACE OF USE:	PURPOSE OF USE:
That portion of the west 795 feet of the SW ¼ NE ¼ of Section 14, T. 20 N., R. 16 E.W.M. lying south of Teanaway Road, EXCEPT the west 460 feet thereof.	Irrigation of 12 acres, and stock watering.
IRRIGATION METHOD:	
flood	

CONSUMPTIVE USE CALCULATION:

Consumptive use calculations are based on Washington Irrigation Guide (WIG) for clover (proxy crop for timothy hay), which represents the most recent historical use. The water right authorizes 73.45 AF/year authorized for 11.3 acres. This equals 6.5 AF per acre water duty (78 AF per year/12 acres).

Consumptive use estimates are calculated as follows based on irrigation May 1 – September 15:

Crop Irrigation requirement (CIR) for Clover = 19.11 in/acre annually or 1.59 AF/acre/year.

Total Irrigation Requirement (TIR) = CIR/Ea Ea for flood irrigation is 50%. TIR = 1.59/.50 = 3.19 AF per acre x 11.3 acres = 36.05 AF/year TIR
% Total CU = Ea + % Evap for flood = 50 % + 5% = 55%
Total CU = 55% x TIR = .55 x 36.05 = 19.83 AFY.

NARRATIVE DESCRIPTION OF PROJECT:

Trout Unlimited Washington Water Project is seeking to temporarily place this water right into the Washington State's Trust Water Rights program from June 20, 2010 through September 15, 2010. The purpose of use under this change is for instream flow from the historic point of diversion on the Teanaway River to the confluence of the Yakima River with the Columbia River. The owners of the water right will not irrigate any lands under this water right during this time. Upon the approved Order Pendente Lite from Yakima County Superior Court, we will be requesting the Department of Ecology place this water right into the State's Trust Water Right Program.

WTWG CHECKLIST

1. Validity	***Response***
Is there continued beneficial use history sufficient to ensure that the right has not been relinquished or abandoned?	***Yes***
Is it free of any "cloud" or claim on the title of the water right?	***Yes***
2. Water Budget Neutrality	
Is the transfer water budget neutral?	***Yes***
Is the transfer TWSA (Total Water Supply Available) neutral?	***Yes***
Does the transfer of the right result in equal or less consumptive use?	***Yes***
Can the transfer be made without detriment or injury to existing rights? (RCW 90.03.380(1))	***Yes***
3. Timing and Availability	
Temporary Transfers: If a seasonal transfer, can the transfer be implemented in the time remaining in the season?	***yes***
Permanent Transfers: Is there a map of the fallowed land or discontinued use and can it be confirmed?	***n/a***
4. Impairment of instream flow	
Does the transfer cause no adverse change to instream flows?	***Yes***
Is all the water accounted for at Parker and Prosser (if applicable)?	***n/a***
5. Operational Considerations	
If the transfer relies on space in existing Reclamation storage, is storage capacity available?	***n/a***
Can the transfer be "bucketed", with different rate and timing, without adverse impacts on other users and fish and other aquatic life?	***Yes***
Does the transfer have no impermissible impact on Yakima Project operations?	***Yes***
6. For Transfers Between Surface Water and Ground Water	
Can the hydrologic impacts of the transfer be accurately evaluated?	***n/a***

7. Other considerations	
Is the transfer in agreement with public policy?	***Yes***
Is the transfer free of unacceptable secondary effects – economic, environmental, or cultural?	***Yes***
Does the transfer not rely on return flow?	***Yes***