

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
KITT-10-13 / <i>Acquavella</i> Court Claim No. 01968		
APPLICANT NAME	CONTACT NAME	TELEPHONE NO.
Allwest L.L.C.	Jeff Slothower	(509) 925-6916
WATER RIGHT HOLDER'S NAME (if different)		EMAIL
		jslothower@lwhsd.com

DATE OF APPLICATION	PRIORITY DATE
January 18, 2011	June 30, 1874

WATER SOURCE:	CROP:
Manastash Creek	Timothy Hay
INSTANTANEOUS QUANTITY:	ANNUAL QUANTITY:
1.56 cfs (April 1 to June 30); 0.78 cfs (July 1 to October 31); 0.0317 cfs (continuous stock-water)	487.5 acre ft./ year (irrigation); 1.68 acre ft./ year (stock-water)
PERIOD OF USE:	
April 1 through October 31 for irrigation; Continuous for stock-water	
PLACE OF USE:	PURPOSE OF USE:
50.58 acres of property legally described as follows: Lot 20 of that certain survey as recorded in Book 29 of Surveys at page 174, under Auditor's File Number 200312040048, records of Kittitas County, State of Washington which is bounded by a line described as follows: Beginning at the southeast quarter corner of Section 7, Township 17 North, Range 18 East, W.M., Kittitas County, State of Washington; thence North 01°18'18" east along the east boundary of Section 7, 49.53 feet to the north boundary line of Manastash Road; thence continuing north 01°18'18" east along the east boundary of said Section 7, 505.57 feet to the true point of beginning of said line; thence	Irrigation of 50.38 acres and stock-water

south 87°59'55" west along the south boundary line of said Lot 20, 1331.59 feet; thence north 01°10'18" east along the west boundary line of said Lot 20, 1652.22 feet; thence north 88°18'48" east along the north boundary line of said Lot D, 1053.17 feet; thence north 00°21'52" east, 30.02 feet; thence north 88°18'23" east, 281.83 feet; thence south 01°18'18" west along the east boundary line of said Lot 20; 1675.17 feet to the true point of beginning and terminus of said line.

Situated in Section 7, Township 17 North, Range 18 East, W.M., Kittitas County, State of Washington.

IRRIGATION METHOD:

Sprinkler/Flood

CONSUMPTIVE USE CALCULATION:

A CIR for pasture grass/turf of 31.46 inches (2.76 afy/acre) was calculated using the Washington Irrigation Guide for pasture grass/turf crop located in the vicinity of Ellensburg, Washington (WIG Appendix B-49a). The property is irrigated with wheel lines and some flood irrigation, for which Guidance 1210 recommends a %EVAP of 5 percent. Applying these values, consumptive use associated with irrigation use under this right is estimate as:

$$CU = (9.349 \text{ afy/acre} \times 0.05 + 2.76 \text{ afy/acre}) \times 50.38 \text{ acres} = 162.59 \text{ acre-feet per year}$$

This equates to a consumptive use per acre of about 3.2 afy/acre.

However, there have been several other transfers of water as part of the Manastash Project. In those transfers Ecology determined water use and estimated consumptive use amounts. Those prior decisions resulted in a consumptive use calculation being arrived at consistent with Ecology Publication POL-1020. The Conservancy Board concluded that the consumptive use is 2.9-acre feet per acre or 146.102 acre-feet per year.

NARRATIVE DESCRIPTION OF PROJECT:

This application (KIT-10-13) is part of a project that involves the change in place of use and purpose of use of three water rights that were confirmed in *Ecology v. Acquavella* in Subbasin No. 11 (Manastash Creek).

The portion of the water right owned by Allwest L.L.C. described below and which is the subject of this application will be permanently designated for instream flow purposes in perpetuity and

conveyed to Ecology.¹ The primary and secondary reaches of the trust water right will be as follows:

Primary Reach: Within the ordinary high water mark of Manastash Creek commencing at the Keach Jensen ditch diversion, which is located 550 feet south and 650 feet east from the Northwest corner of Section 14 within the NW 1/4 NE 1/4 of Section 14, Township 17 N, Range 17 E.W.M. and ending at the confluence of Manastash Creek and the Yakima River.

Secondary Reach: Commencing at the confluence of the Manastash Creek and the Yakima River and terminating at the confluence of the Columbia River and the Yakima River.

The property is also within the KRD service area. KRD water has historically been delivered to fulfill crop requirements when water was unavailable from Manastash Creek. If this change is approved, the KRD water will be used to irrigate the property within the approved service area. The applicant does not seek to change the stock-water element of the water right. The stockwater will continue to be used at the existing place of use.

Board’s Decision on the Application

MAXIMUM CUB FT/ SECOND 1.56 cfs from April 1 through June 30; 0.78 cfs from July 1 through October 31	MAXIMUM GAL/MINUTE	MAXIMUM ACRE-FT/YR 471.04 acre-feet/ year	TYPE OF USE, PERIOD OF USE Instream Flow of 471.04 acre-feet in the primary reach and Instream Flow of 146.102 acre-feet in the secondary reach. Use a portion of the nonconsumptive portion of the water right to divert between April 1 and May 1 for ditch conveyance purposes.		
LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED AS APPROVED BY THE BOARD					
Instream flow: Primary Reach: Within the ordinary high water mark of Manastash Creek commencing at the Keach Jensen ditch diversion, which is located 550 feet south and 650 feet east from the Northwest corner of Section 14 within the NW 1/4 NE 1/4 of Section 14, Township 17 N, Range 17 E.W.M. and ending at the confluence of Manastash Creek and the Yakima River. Secondary Reach: Commencing at the confluence of the Manastash Creek and the Yakima River and terminating at the confluence of the Columbia River and the Pacific Ocean.					
PARCEL NO.	¼	¼	SECTION	TOWNSHIP N.	RANGE,

¹ A portion, to be determined over a several year period, of the non consumptive water will be available to be diverted between March 1 and May 1 to mitigate inter-ditch conveyance issues.