

**WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION**

<b>APPLICATION NO. or COURT CLAIM NO.</b> Court Claim No. 01638		
<b>APPLICANT NAME</b> Washington Water Trust	<b>CONTACT NAME</b> Jason McCormick	<b>TELEPHONE NO.</b> 509.607.3513
<b>WATER RIGHT HOLDER'S NAME (if different)</b> Maryhelen Stephens and WSU Foundation		<b>EMAIL</b> Jason@washingtonwatertrust.org

<b>DATE OF APPLICATION</b> TBA	<b>PRIORITY DATE(S)</b> June 30, 1879 June 30, 1870
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<b>WATER SOURCE:</b> Wenas Creek	<b>CROP:</b> Pasture/Turf
<b>INSTANTANEOUS QUANTITY:</b> 0.30 cfs	<b>ANNUAL QUANTITY:</b> 60 acre-feet
<b>PERIOD OF USE:</b> April 1 to October 15	
<b>PLACE OF USE:</b> SW ¼ of Section 11, T. 14 N., R. 18 E.W.M. lying north of South Wenas Road and south of Wenas Creek.	<b>PURPOSE OF USE:</b> Irrigation
<b>IRRIGATION METHOD:</b> Wheel line	

**CONSUMPTIVE USE CALCULATION:**  
 Consumptive use is based on the Washington Irrigation Guide net irrigation requirement (NIR) estimate for Pasture/Turf in the Yakima region. The average NIR for Pasture/Turf is 37.27 inches per acre annually. In 2012-2021, from April 1 through October 15, Ms. Stephens and WSU Foundation will be fallowing 15 acres under this water right.

Note: Consumptive use calculations assume full season availability of the subject right. Please see narrative description below regarding actual water availability.

Water Use Analysis in Acre-feet.

	NIR	*CIR	Acres	TIR	**CU	***RF
12 acres - 1879	3.11	4.00	12	48.00	42.12	5.88
3 acres - 1870	3.11	4.00	3	12.00	10.53	1.47

\*Ea = 77.75%      \*\*CU = 87.75%      \*\*\*RF = 12.25 %      Based on Ecology GUID-1210.

12 acre - 1879 right

Secondary Reach: May 1 - September 15 CU Qa

	April	May	June	July	August	September	October 1-15	Total
acre-feet CU	0.84	6.70	8.11	10.65	8.51	5.42	1.89	42.12

Secondary Reach: May 1 - September 15 CU Qi

	April	May	June	July	August	September	October 1-15
cfs CU	0.01	0.11	0.14	0.17	0.14	0.09	0.03

3 acre - 1870 right

Secondary Reach: May 1 - September 15 CU Qa

	April	May	June	July	August	September	October 1-15	Total
acre-feet CU	0.21	1.67	2.03	2.66	2.13	1.36	0.47	10.53

Secondary Reach: May 1 - September 15 CU Qi

	April	May	June	July	August	September	October 1-15
cfs CU	0.01	0.03	0.03	0.04	0.03	0.02	0.01

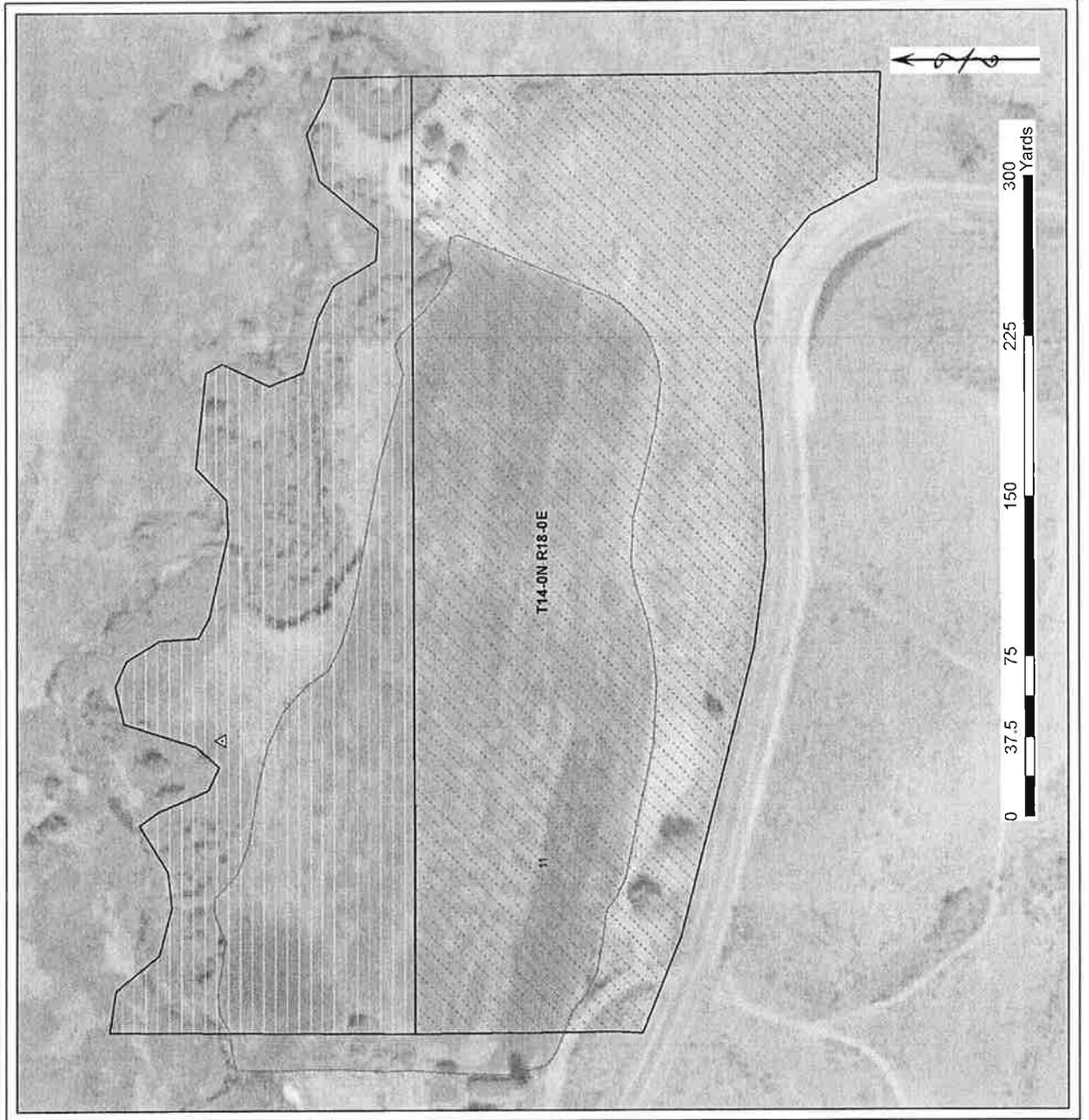
NARRATIVE DESCRIPTION OF PROJECT:

WWT is working with WSU Foundation and Ms. Stephens to donate the subject water rights into the State Trust Water Right Program (TWRP) for a period of 10 years, 2012-2021. WWT will seek an OPL from Yakima County Superior Court, and submit a TWRP application to Ecology.

**Bill Halsey, Stream Patrolman**

**Summary of Conversation:** Bill has Ms. Stephens's rights listed as Class 3 (3 acres) and Class 12 (12 acres). According to Bill, scheduling and water availability varies significantly in the basin based on spatial location of a diversion in the watershed relative to the hydrology of the system and return flows. "It's really like managing three separate basins," Bill reported. With the dividing line between the Lower and Middle basin being Fletcher Rd. Class 1 rights are usually satisfied throughout the year. This is also often the case with Lower Class 2 rights. Upper Class 2 rights are usually shut off a little before the end of the irrigation season. Upper Class 3 rights are cut off late July to early August, with the Lower Class 3 rights being satisfied slightly later in the season because of flow input from springs and return flows from WID land. Class 12 rights are usually shut off mid-July, although sometimes earlier.

REVISED 2012-38



# WSU Wenas Property and Water Rights

## Court Claim No. 01638

### Legend

-  Delineated Irrigated Area
-  1870 - 3 acres
-  1879 - 12 acres
-  Point of Diversion

Base Layer is 2009 National Agriculture Imagery Program (NAIP)  
Compressed County Mosaic

Prepared by



WASHINGTON WATER TRUST  
INTEGRATING WATER RIGHTS WITH LAND MANAGEMENT

August 02, 2012

