

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
00497 (S4-84250-J and S4-84251-J)		
APPLICANT NAME Trout Unlimited	CONTACT NAME Justin Bezold Kelsey Collins	TELEPHONE NO. 509-881-5464 509-575-2640
WATER RIGHT HOLDER'S NAME (if different) Robert Stewart & Shirley Stewart		EMAIL jbezold@tu.org

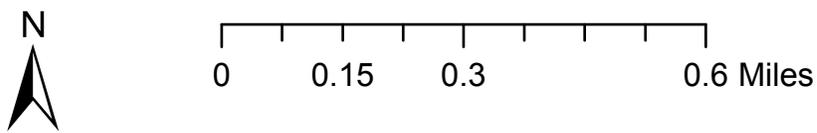
DATE OF APPLICATION OPL being filed in June, 2015	PRIORITY DATE June 30, 1889 (S4-84250-J) August 16, 1895 (S4-84251-J)
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WATER SOURCE: Yakima River, Wilson-Naneum subbasin	CROP: Pasture grass
INSTANTANEOUS QUANTITY: 3.27 cfs (3.0 + 0.27)	ANNUAL QUANTITY: 1,063 ac-ft/yr (975 + 88)
PERIOD OF USE: April 1 through October 15	
PLACE OF USE E1/2NW1/4 of Section 24, T. 17 N., R. 18 E.W.M., and the W1/2NW1/4 of Section 24, T. 17 N., R. 18 E.W.M.. lying east of the Yakima River	PURPOSE OF USE: Irrigation of 88 acres and stock water (80 +8 acres)
IRRIGATION METHOD: The Stewarts irrigate approximately 44 acres by flood (or rill) and 44 acres with a wheel-line sprinklers.	

CONSUMPTIVE USE CALCULATION:	
Period	Acre-feet in Secondary Reach
June 11-30	33.3
July	76.3
August	60.8
September	34.6
October	4.9
ANNUAL TOTAL	210.0
Note: Calculations are in the attached spreadsheet	

NARRATIVE DESCRIPTION OF PROJECT: The Stewarts own water rights that entitle them to irrigate a maximum of 88 acres (certificate #'s S4-84520-J and S4-84521-J). The water rights entitle the Stewarts to irrigate a maximum of 88 acres. According to aerial images and Trout Unlimited's observations and discussions with Robert Stewart, 88 acres have been irrigated. The Stewarts agreed to cease all irrigation (flood and sprinkler) on the property as part of a single-season lease agreement with Trout Unlimited's Washington Water Project. The lease term is June 11, 2015 through October 15, 2015. In addition to irrigation cessation, the lease also requires the Stewarts to stop diverting water from the Yakima River at their point of diversion. The lease will conserve a total of 210 acre-feet of consumptive use water from the Yakima River.

Robert Stewart -- Yakima River Water Right Claim 00497 ²⁰¹⁵⁻¹⁸



- Stewart_POD
- Yakima River
- Stewart_Tjossem_Ditch
- ▭ Stewart_Yakima_River_POUs
- KittitasCo_Roads

Basemap is NAIP 2013 compressed county mosaic.
Trout Unlimited provides this map "as is" and with no warranties.

STEWART

SPINKLER	Pasture	44 acres			85% consumptive based on avg Ea of 75% and % Evap of 10%	
	CIR inches/ac	CIR ac-ft/ac	total CIR ac-ft	TIR	CU	CU
	44					
June	4.07	0.34	14.92		19.90	16.91
July	9.32	0.78	34.17		45.56	38.73
Aug	7.43	0.62	27.24		36.32	30.88
Sep	4.23	0.35	15.51		20.68	17.58
Oct	0.6	0.05	2.20		2.93	2.49
sub total					125.40	106.59

FLOOD

	44	based on 55% consumptive based on avg Ea of 50% and Evap of 10%				
		CIR inches/ac	CIR ac-ft/ac	total CIR ac-ft	TIR	CU
June	4.07	0.34	14.92		29.85	16.42
July	9.32	0.78	34.17		68.35	37.59
Aug	7.43	0.62	27.24		54.49	29.97
Sep	4.23	0.35	15.51		31.02	17.06
Oct	0.6	0.05	2.20		4.40	2.42
sub total					188.10	103.46

TOTAL 210.045

days/mon	88 CU ac-ft	Qi	
19 June		33.3	0.886
31 July		76.3	1.243
31 Aug		60.8	0.991
30 Sep		34.6	0.583
15 Oct		4.9	0.165
		210.0	

