

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. S4-84123-J		
APPLICANT NAME Mid Valley Investment Properties LLC	CONTACT NAME Justin Bezold (project manager, Trout Unlimited)	TELEPHONE NO. 509-881-5464
WATER RIGHT HOLDER'S NAME (if different) n/a		EMAIL Justin.bezold@tu.org

DATE OF APPLICATION November 21, 2023	PRIORITY DATE May 24, 1884
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WATER SOURCE: Wilson Creek	CROP: Pasture/hay
INSTANTANEOUS QUANTITY: 0.39 cfs	ANNUAL QUANTITY: 35 ac-ft/yr
PERIOD OF USE: April 1 through October 31	
PLACE OF USE: <u>Until temporarily donated to the Trust Water Rights Program:</u> the W1/2 of that portion of Government Lot 3, Section 19, T. 17 N., R 19 E.W.M. described as follows: Beginning at the southwest corner of Section 19; thence N 0°20' W 1318.62 feet along the west boundary of Section 19; thence N 88°53'03" E 54.05 feet to the true point of beginning; thence N 88°53'03" E 1162.69 feet; thence N 0°18'19" W 632.27 feet; thence N 86°53'48" W 580.32 feet; thence S 88°53'03" W 579.36 feet; thence S 0°01'59" W 675.04 feet to the true point of beginning. <u>Since being donated to the Trust Water Rights Program:</u> Instream in Wilson Creek from the historic POD (approx. RM 3.9) downstream to the confluence of the Yakima River with the Columbia River.	PURPOSE OF USE: <u>Certificate:</u> Irrigation of 7.5 acres and stockwater <u>Proposed:</u> Instream flow for mitigation
IRRIGATION METHOD: Flood	

CONSUMPTIVE USE CALCULATION: Based on recent WTWG discussions, the consumptive use provided below is the maximum using established WIG (pasture/grass) and GUID 1210 methods. Values used are 7.5 acres of irrigation, 0.56 application efficiency, and 5% misc. evaporation.								
	Apr	May	Jun	Jul	Aug	Sep	Oct	
Inches per acre (WIG)	0.00	3.07	6.80	9.32	7.43	4.23	0.60	
CIR inches	0.00	23.03	51.00	69.90	55.73	31.73	4.50	
CIR feet	0.00	1.92	4.25	5.83	4.64	2.64	0.38	
Duty (total)	0.00	3.42	7.57	10.37	8.27	4.71	0.67	
Evap loss	0.00	0.17	0.38	0.52	0.41	0.24	0.03	
CIR ft + Evap losses	0.00	2.09	4.63	6.34	5.06	2.88	0.41	
Consumptive use cfs	0.00	0.04	0.08	0.10	0.08	0.05	0.01	
	Consumptive Use AF						21.41	

TU recognizes that the change will need to be TWSA neutral and will require a review of extent and validity. As such, the provided numbers are subject to change based on the E&V review and WTWG feedback (specifically for “early season” – April, May, June – consumptive use amounts). TU will work closely with Ecology and other potentially impacted parties (e.g., Roza, KRD) to ensure the values are accurate.

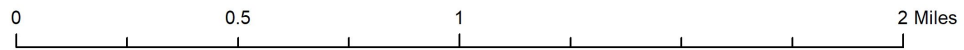
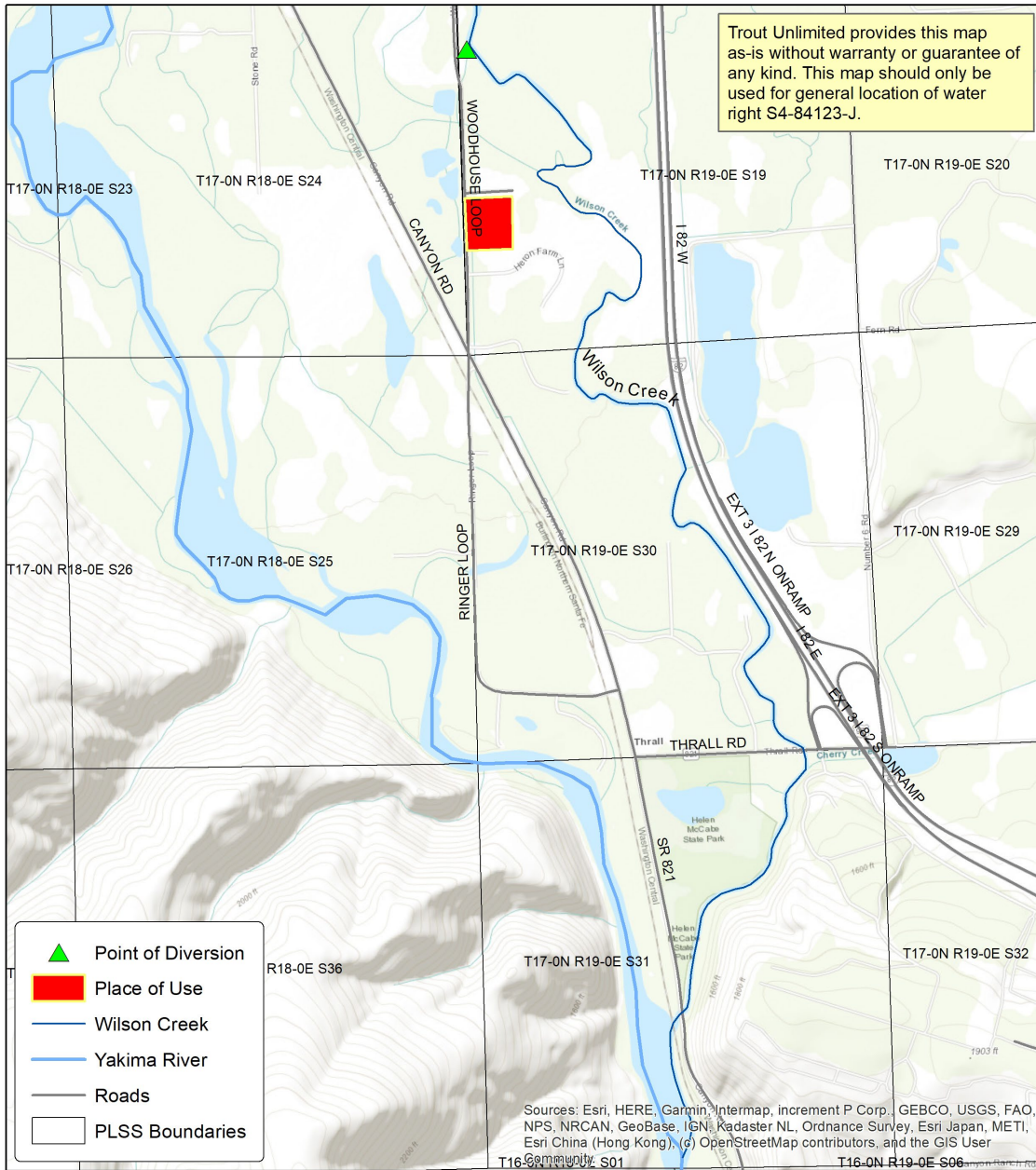
NARRATIVE DESCRIPTION OF PROJECT:

Trout Unlimited will acquire and transfer the water right to instream flow for mitigation. The project will improve fish habitat and passage in about 4 miles of Wilson Creek. The primary reach will begin at the Point of Diversion at approx. RM 3.9 and extend downstream to the Wilson Creek – Yakima River confluence. The secondary reach will extend downstream in the Yakima River from the Wilson Creek – Yakima River confluence to the Columbia River. Water is diverted via a river screen into a pipe that conveys the water to the Place of Use. Once transferred to instream flow, the river screen will be removed and the Place of Use will be fallowed. Trout Unlimited understands that fallowed acreage not owned by the water right seller may present enforcement challenges and raise TWSA concerns. As such, Trout Unlimited will work with all relevant parties to collaboratively address these issues to achieve the fish and stream benefits.

Benefitting salmonid species include:

- Mid-Columbia Steelhead
- Chinook salmon
- Coho Salmon
- Resident trout – Rainbow and Westslope Cutthroat

S4-84123-J: General Location



S4-84123-J Proposed Primary and Secondary Reaches

