

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

COURT CLAIM NO. A portion of CC No. 00195		
APPLICANT NAME Washington Water Trust	CONTACT NAME Jason McCormick	TELEPHONE NO. (509) 607-3513
WATER RIGHT HOLDER'S NAME (if different) Michael J. Fischer (formerly Mike Emerick)		EMAIL Jason@washingtonwatertrust.org

DATE OF APPLICATION n/a	PRIORITY DATE June 30, 1873
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WATER SOURCE: Taneum Creek	CROP: Pasture
INSTANTANEOUS QUANTITY: 0.216 cfs (variable based on creek flows)	ANNUAL QUANTITY: 41.15 acre-feet
PERIOD OF USE: Irrigation of 5.08 acres from April 1 to October 31	
PLACE OF USE: Parcel A of that certain survey recorded June 12, 1996 in Book 22 of Surveys at page 29 under Auditor's File No. 199606120024, Records of Kittitas County, Washington; being a portion of the SE $\frac{1}{4}$ NW $\frac{1}{4}$ of Section 4, T. 18N., R. 17E. W.M., in the County of Kittitas, State of Washington.	PURPOSE OF USE: Irrigation
IRRIGATION METHOD: Rill Flood	

CONSUMPTIVE USE CALCULATION:

Consumptive use is based on the Washington Irrigation Guide crop irrigation requirement (NIR) estimate for Pasture/Turf in the Ellensburg region. In calculating the NIR, Pasture/Turf was used as comparable crop to the pasture grown by Michael J. Fischer. The average NIR for Pasture/Turf is 31.45 inches per acre annually (WIG season includes April - October). Michael J. Fischer will be permanently following 5.08 acres provided by the Court Claim from Taneum Creek.

Trusted Portion of the Water Right

Priority Dates	Qi (cfs)	Qa (af)	Acres
June 30, 1885	0.216 (max)	40.5	5

Net Irrigation Requirement (Pasture/Turf - Ellensburg, WA) in Acre-feet

	April	May	June	July	August	September	October	Total (in/acre)
NIR (WIG)	0	3.07	6.8	9.32	7.43	4.23	0.6	31.45
Percentage of Total	0	9.76	21.62	29.63	23.63	13.45	1.91	

All Season Water Use Analysis in Acre-feet.

	NIR (af/acre)	*CIR (af/acre)	Acres	TIR (af)	**CU (af)	***RF (af)
WDFW Property	2.62	8.10	5	40.50	15.12	25.38

* Ea = 32.345 %

**CU = 37.345%

***RF = 62.655 % Based on Ecology GUID-1210.

Secondary Reach Calculation

Secondary Reach $Q_i = (\text{July water use}/31)/1.9834$

$Q_i = (4.48/31)/1.9834$

$Q_i = 0.07 \text{ cfs}$

Application Efficiency (Ea) Calculation

$Ea = \text{NIR}/\text{CIR}$

$Ea = 32.345 \%$

Secondary Reach - April 1 to October 31 Monthly Water Use based on CU (af)

	April	May	June	July	August	September	October	Total
TIR (Use Analysis)	0	1.48	3.27	4.48	3.57	2.03	0.29	15.12

Secondary Reach - Q_i (cfs)

	April	May	June	July	August	September	October
CU - Q_i	0	0.02	0.05	0.07	0.06	0.03	0.01

NARRATIVE DESCRIPTION OF PROJECT:

This is a permanent acquisition of the irrigation portion of Michael J. Fischer's portion of Court Claim No. 00195 as ordered in "Revised Order to Divide Water Right Claim No. 00195," dated May 14, 2009. Washington Water Trust is seeking to temporarily change the purpose and place of use to instream flows until such time as Ecology processes the permanent change to instream flow. Washington Water Trust will be requesting Ecology to place the entire irrigation portion of the above referenced Court Claim into the Trust Water Right Program permanently. Michael J. Fischer will be retaining the stockwater portion of above referenced Court Claim.