

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

COURT CLAIM NO. Court Claim No. 00777-1		
APPLICANT NAME Washington Water Trust	CONTACT NAME Jason McCormick	TELEPHONE NO. 509.607.3513
WATER RIGHT HOLDER'S NAME (if different) Milton F. Downs		EMAIL jason@washingtonwatertrust.org

DATE OF APPLICATION TBA	PRIORITY DATE June 30, 1885
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WATER SOURCE: Teanaway River	CROP: Timothy Hay
INSTANTANEOUS QUANTITY: 0.44 cfs and 0.88 cfs when "surplus water is available"	ANNUAL QUANTITY: 145.00 acre-feet
PERIOD OF USE: May 1 to September 15	
PLACES OF USE: 777-1 A portion of the E½ of Section 14, T. 20 N., R. 16 E. W.M.	PURPOSE OF USE: 2013-2015 Instream Flow from May 1 to September 15
IRRIGATION METHOD: Flood	

<p>CONSUMPTIVE USE CALCULATION: Consumptive use is based on the Washington Irrigation Guide crop irrigation requirement (CIR) estimate for Clover in the Cle Elum, WA region. In calculating the CIR, Clover was used as a proxy for Timothy Hay. The average CIR for Clover is 19.11 inches per acre annually (WIG season includes June-September). From 2013-2015, from May 1 through September 15, Milton Downs will be following 22 acres under this water right.</p> <p>Instream Flow Lease – 21.5 acres 0.43 cfs 141.75 acre-feet 41.21 acre-feet consumptive</p> <p>Instream flow Donation – 0.5 acres 0.01 cfs 3.25 acre-feet 0.96 acre-feet consumptive</p>

Net Irrigation Requirement (Clover - Cle Elum, WA) in Acre-feet

	May	June	July	August	*September 1-15	Total
NIR (WIG)	0	3.54	6.84	5.06	3.67	19.11
Percentage of Total	0	18.53	35.79	26.48	19.2	100

*Used full season September CIR.

All Season Water Use Analysis in Acre-feet.

	NIR	*CIR	Acres	TIR (21.5 acres)	**CU	***RF
21.5 acres	1.592	6.50	21.5	139.75	41.21	98.54

* Ea = 24.49% **CU = 29.49% ***RF = 70.51 % Based on Ecology GUID-1210.

Secondary Reach: May 1 - September 15 CU Qa

	May	June	July	August	September 1-15	Total
acre-feet CU	0	7.64	14.75	10.91	7.91	41.21

Secondary Reach: May 1 - September 15 CU Qi

	May	June	July	August	September 1-15
cfs CU	0	0.13	0.24	0.18	0.13

All Season Water Use Analysis in Acre-feet.

	NIR	*CIR	Acres	TIR (0.5 acres)	**CU	***RF
0.5 acres	1.592	6.50	0.5	3.25	0.96	2.29

* Ea = 24.49% **CU = 29.49% ***RF = 70.51 % Based on Ecology GUID-1210.

Secondary Reach: May 1 - September 15 CU Qa

	May	June	July	August	September 1-15	Total
acre-feet CU	0	0.18	0.34	0.26	0.18	0.96

Secondary Reach: May 1 - September 15 CU Qi

	May	June	July	August	September 1-15
cfs CU	0	0.003	0.005	0.004	0.003

NARRATIVE DESCRIPTION OF PROJECT:

WWT is seeking to temporarily change the place and purpose of use of Milton F. Downs (Downs) water rights to instream flow for the 2013-2015 irrigation seasons. WWT is Leasing 21.5 acres of the Downs water right and the Downs are donating 0.5 acres of Court Claim No. 00777-1.

This is a three year lease and donation of the Downs water right. The purpose of this transaction is to serve as instream flow from the historic POD on the Teanaway River to the confluence of the Yakima River with the Columbia River.

WWT will be requesting that Ecology place this water right into the State Trust Water Right Program following receipt of an OPL from Yakima County Superior Court.

