

2009-14

## WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

|   |  |  |
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| <b>COURT CLAIM NO.</b><br>CC No. 01863                            |  |  |
| <b>APPLICANT NAME</b><br>Washington Water Trust                   | <b>CONTACT NAME</b><br>Jason McCormick | <b>TELEPHONE NO.</b><br>(509) 607-3513         |
| <b>WATER RIGHT HOLDER'S NAME (if different)</b><br>William Holmes |  | <b>EMAIL</b><br>Jason@washingtonwatertrust.org |

|  |  |
|--|--|
| <b>DATE OF APPLICATION</b><br>April 24, 2009 | <b>PRIORITY DATE</b><br><b>June 30, 1902</b> |
|--|--|

|   |   |
|---|---|
| <b>WATER SOURCE:</b><br>Teanaway River  | <b>CROP:</b><br>Timothy Hay               |
| <b>INSTANTANEOUS QUANTITY:</b><br>0.048   | <b>ANNUAL QUANTITY:</b><br>9.52 acre-feet |
| <b>PERIOD OF USE:</b><br>Irrigation of 2.38 acres from May 1 to September 15  |   |
| <b>PLACE OF USE:</b><br>That portion of the W½SE¼ lying west of the primary irrigation ditch and that portion of the E½E½SW¼ lying east of the primary irrigation ditch in Section 31, T. 21 N., R. 16 E.W.M. | <b>PURPOSE OF USE:</b><br>Irrigation      |
| <b>IRRIGATION METHOD:</b><br>Flood  |   |

**CONSUMPTIVE USE CALCULATION:**

Consumptive use is based on the Washington Irrigation Guide crop irrigation requirement (CIR) estimate for Clover in the Cle Elum 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). During 2009-2011, from May 1 through September 15, William Holmes will be following 2.34 acres under this water right.

| Priority Dates | Qi    | Qa   | Acres | Secondary Reach Qi | Secondary Reach Qa |
|----------------|-------|------|-------|--------------------|--------------------|
| 1902           | 0.048 | 9.52 | 2.38  | 0.016              | 4.36               |

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            | 1     |

All Season Water Use Analysis in Acre-feet.

|                 | NIR   | *CIR | Acres | TIR  | **CU  | ***RF |
|-----------------|-------|------|-------|------|-------|-------|
| Holmes Property | 1.592 | 4    | 2.38  | 9.52 | 4.360 | 5.255 |

\* Ea = 39.8%      \*\*CU = 45.8%      \*\*\*RF = 55.2 %      Based on Ecology GUID-1210.

Primary Reach: May 1 - September 15 Monthly Water Use Based on **CU and RF**

|                    | May | June | July | August | September 1-15 | Total |
|--------------------|-----|------|------|--------|----------------|-------|
| TIR (Use Analysis) | 0   | 1.76 | 3.41 | 2.52   | 1.83           | 9.52  |

Secondary Reach: May 1 to September 15 Monthly Water Use based on **CU**.

|                    | May | June | July | August | September 1-15 | Total |
|--------------------|-----|------|------|--------|----------------|-------|
| TIR (Use Analysis) | 0   | 0.81 | 1.56 | 1.15   | 0.84           | 4.36  |

NARRATIVE DESCRIPTION OF PROJECT:

Norman J. Cromarty was confirmed a 1902 priority date water right under court Claim No. 01863 in Subbasin No. 3 (Teaway). Mark Schober purchased this property from the Cromarty's and in 2007 William Holmes purchased 3.00 acres from Mark Schober. WWT is proposing a temporary transfer of the confirmed court claim to a purpose of use of instream flow via a trust water right donation. The water is to be placed into the state Trust Water Right Program for a period of three years. Our transfer application, on behalf of William Holmes, proposes to change the purpose of use from irrigation to instream flow from May 1 to September 15 and change the place of use to instream in the Teaway and Yakima Rivers to the confluence with the Columbia River from 2009-2011.