

**WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION**

APPLICATION NO./COURT CLAIM NO. USBR (former Istvan property water rights) CS4-01850CTCLsb3@1 & CS4-01850CTCLsb3@2		
APPLICANT NAME US Bureau of Reclamation	CONTACT NAME Stan Isley	TELEPHONE NO. (509) 575-5848, ext. 281
WATER RIGHT HOLDER'S NAME (if different) US Bureau of Reclamation (former Istvan water rights)		EMAIL sisley@usbr.gov

DATE OF APPLICATIONS June 25, 2008 (both apps)	PRIORITY DATE CS4-01850CTCLsb3@1: 6-30-1889 CS4-01850CTCLsb3@2: 6-30-1889
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WATER SOURCE: CS4-01850CTCLsb3@1: Yakima River CS4-01850CTCLsb3@2: Wilson Creek	CROP: Historic hay/pasture irrigation, since 3-09-2000, instream flow OPL use.
INSTANTANEOUS QUANTITY: CS4-01850CTCLsb3@1: 0.20 cfs CS4-01850CTCLsb3@2: 0.20 cfs	ANNUAL QUANTITY: CS4-01850CTCLsb3@1: 54 af/yr CS4-01850CTCLsb3@2: 54 af/yr
PERIOD OF USE: CS4-01850CTCLsb3@1: May 1 – September 15 CS4-01850CTCLsb3@2: May 1 – September 15	
PLACE OF USE: CS4-01850CTCLsb3@1: a portion of the NE¼ of Section 4, T. 19 N., R. 16 E.W.M. CS4-01850CTCLsb3@2: an adjacent portion of the NE¼ of Section 4, T. 19 N., R. 16 E.W.M.	PURPOSE OF USE: Instream flow (both) since 3-09-2000 OPL Prior to OPL: CS4-01850CTCLsb3@1: irrigation of 10 acres CS4-01850CTCLsb3@2: irrigation of 10 acres
IRRIGATION METHOD: Flood irrigation historically	

<p>CONSUMPTIVE USE CALCULATION:</p> <p><b>CS4-01850CTCLsb3@1: primary reach Trust water right Q's are 0.20 cfs, 54 af/yr, managed in the primary reach as a constant rate instream flow Trust water right of 0.20 cfs (54 af/yr) from 5/01-9/15.</b></p> <p>Secondary reach TWR (CU) Q's are: 1) 15.09 af/yr [Washington Irrigation Guide (WIG) Crop Irrigation Water Requirement (CIR) for pasture @Cle Elum is 18.11 in./yr/acre x 10 acres = 15.09 af/yr], plus 2.70 af/yr [the additional evaporative loss of 5% on the annual diversion total of 54 af/yr = 2.70 af/yr], which equals a total irrigation CU of 17.79 af/yr (15.09 + 2.70).</p> <p>So therefore, <b>the CS4-01850CTCLsb3@1 secondary reach TWR CU Q totals 17.79 af/yr.</b></p> <p><b>CS4-01850CTCLsb3@1 secondary reach monthly allocations are:</b>  <b>June 1-30: 0.06 cfs (3.28 af); July 1-31: 0.10 cfs (6.39 af); August 1-31: 0.08 cfs (4.71 af); and September 1-15: 0.11 cfs (3.41 af).</b></p>
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**CS4-01850CTCLsb3@2: primary reach Trust water right Q's are 0.20 cfs, 54 af/yr, managed in the primary reach as a constant rate instream flow Trust water right of 0.20 cfs (54 af/yr) from 5/01-9/15.**

Secondary reach TWR (CU) Q's are: 15.09 af/yr [Washington Irrigation Guide (WIG) Crop Irrigation Water Requirement (CIR) for pasture @Cle Elum is 18.11 in./yr/acre x 10 acres = 15.09 af/yr], plus 2.70 af/yr [the additional evaporative loss of 5% on the annual diversion total of 54 af/yr = 2.70 af/yr], which equals a total irrigation CU of 17.79 af/yr (15.09 + 2.70).

So therefore, **the CS4-01850CTCLsb3@2 secondary reach TWR CU Q totals 17.79 af/yr.**

**CS4-01850CTCLsb3@2 secondary reach monthly allocations are:**

**June 1-30: 0.06 cfs (3.28 af); July 1-31: 0.10 cfs (6.39 af); August 1-31: 0.08 cfs (4.71 af); and September 1-15: 0.11 cfs (3.41 af).**

SUM of these 2 USBR Trust Water Rights:

- 1) Primary reach sum total TWR Q's are 0.40 cfs, managed in the primary reaches as constant rate Trust water rights totaling 0.40 cfs, 108 af/yr, from 5/01 through 9/15;**
- 2) Secondary reach sum total TWR CU Q's are 35.58 af/yr, at varying monthly flow rates in cfs as outlined above.**

NARRATIVE DESCRIPTION OF PROJECT:

The USBR purchased this former Istvan property on 9-28-1999 with Yakima River Basin Water Enhancement Project Water and Land Acquisition Program funds for the purpose of fallowing the land, restoring native vegetation and floodplain function, enhancing wetlands, and transferring the irrigation & stock water rights to instream flow enhancement use in the Teanaway River below the authorized points of diversion, and then downstream in the Yakima River and Columbia River to the Columbia River's confluence with the Pacific Ocean.

USBR obtained Yakima Adjudication Court Order Pendente Lite (OPL) authorization on 3-09-2000 to transfer these 2 water rights to ongoing instream flow use in the Teanaway and Yakima Rivers.

The USBR currently proposes to place both of these two USBR (former Istvan) irrigation and stock water rights into the WA State Trust Water Rights Program, for management as instream flow Trust water rights from the original Teanaway River points of diversion downstream to the Pacific Ocean.

The primary reach Trust water quantities will be the entire confirmed quantity of each water right, from the original diversion points downstream to the last return flow point from the former Istvan property. The secondary reach Trust water quantities are only the fallowed consumptive use portions of each of these 2 water rights. The secondary reach extends from the last return flow point for each water right downstream to the Pacific Ocean.

The USBR will place these two water rights in the Trust Program under the terms of Memorandum of Understanding #1425-0-8MU1U7121, between the Bureau of Reclamation and the Department of Ecology, for Water Marketing and Management of Trust Water Rights in the Yakima Basin, entered on July 9, 2008.

That MOU provides that USBR will place this water into Trust for 10-year, automatically-renewing terms; the water will remain in USBR ownership while it is in

Trust; and USBR can remove it from Trust by providing 60-day notice to Ecology if USBR determines its placement in the Trust is no longer meeting the goals of YRBWEP.

WTWG Project form