WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. CS4-01467CTCL@11sb3a Claim 01467(A)03296		
APPLICANT NAME Kathleen Masterson	CONTACT NAME Jason McCormick, Washington Water Trust	TELEPHONE NO. (509) 607-3513
WATER RIGHT HOLDER'S NAME (if different) Harry James Masterson & Mary Lou Masterson (Kathleen Masterson, Personal Representative of Harry Masterson)		

DATE OF APPLICATION April 26, 2011	PRIORITY DATE June 30, 1883

WATER SOURCE: Teanaway River	CROP: Mixed hay, timothy
INSTANTANEOUS QUANTITY: 4.8 cfs	ANNUAL QUANTITY: 1527.5 af/y
PERIOD OF USE: May 1 – September 15	
PLACE OF USE: Those portions of S½SW¼, SW¼SE¼ of Section 28, and N½NW¼, NW¼NE¼ of Section 33 lying southerly and westerly of Masterson Ditch, ALL being within T. 20 N., R. 16 E.W.M.	PURPOSE OF USE: Irrigation on 235 acres
IRRIGATION METHOD: Wheel line – 65% Ea	

CONSUMPTIVE USE CALCULATION:

Consumptive use is based on the Washington Irrigation Guide crop irrigation requirement (CIR) estimate for Timothy Hay 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. Kathi Masterson will be fallowing a total of 81 acres under this water right. Of which, 61 fallowed acres will be permanently placed in the State Trust Water Right Program as instream flow and 20 fallowed acres will be managed in the State Trust Water Right Program (via Trust Water Agreement) for mitigation for future water use.

61 acres – Instream Flows / Stream Enhancement

	CIR	*TIR	Acres	TIR 61 acres	**CU	***RF
Totals	1.592	2.45	61	149.40	112.05	37.35

* Ea = 65% **CU = 75% ***RF = 25 % Based on Ecology GUID-1210.

20 acres – Instream Flows / Mitigation for future water use

	CIR	*TIR	Acres	TIR 20 acres	**CU	***RF
Totals	1.592	2.45	20	48.98	36.74	12.25

* Ea = 65% **CU = 75% ***RF = 25 % Based on Ecology GUID-1210.

NARRATIVE DESCRIPTION OF PROJECT:

Transfer of irrigation and stock water right to instream flows to be used for stream enhancement and mitigation of future water use.

Masterson was confirmed an 1883 priority date water right under court Claim 01467(A)03296 in Subbasin No. 3 (Teanaway). WWT has applied for a permanent transfer of 61 acres of the irrigation water right into the State Trust Water Right Program for instream flows (Ecology File No. CS4-01467CTCL@11sb3a). WWT is also applying (within the same application) to place 20 acres of consumptive use of irrigation and 5 acre-feet of consumptive use stock water into the State Trust Water Right Program to be managed as mitigation for future water use.

This transfer would go into effect following Ecology approval. Optimistic approval date: Fall 2011.

Path: T:\projects_8\EcologyCostReimbursement\MastersonDitch\Delivered\CS4-01467sb3a.mxd

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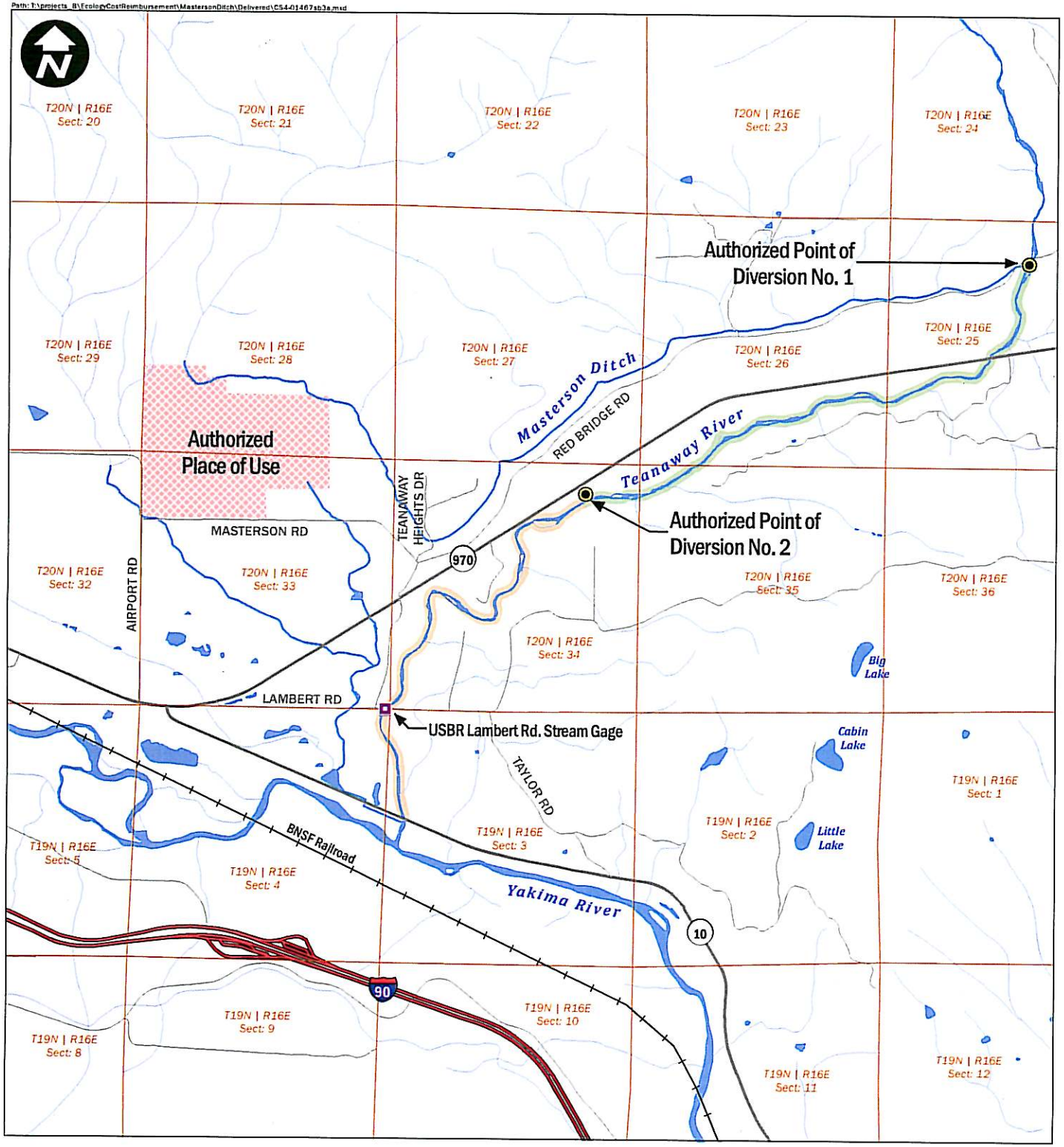

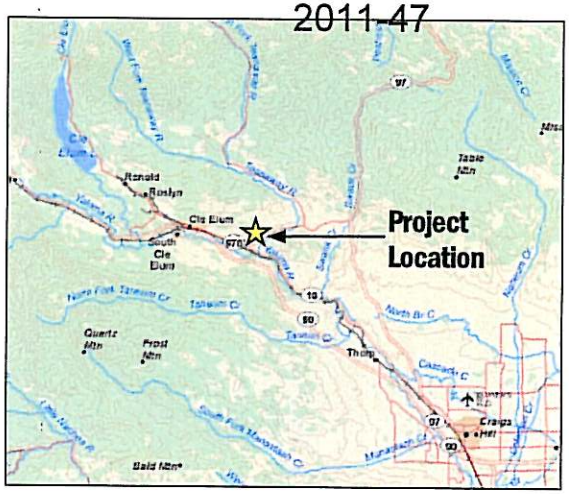

Comments: *Place of use and point of diversion are defined on the cover sheet under the heading "LEGAL DESCRIPTION OF PROPERTY ON WHICH WATER IS TO BE USED."*

- Authorized Place of Use
- Authorized Point of Diversion
- Primary Reach A
- Primary Reach B
- USBR Lambert Rd. Gage
- Local Road
- Highway
- Interstate
- Railroad
- Sections (TRS)

0 1,500 3,000 6,000 Feet

No. CS4-01467sb3a
(Washington Water Trust)
WRIA 39
Kittitas County, Washington

Aspect CONSULTING	May, 2011	ATTACHMENT NO.
	ASPECT PROJECT NO. 090180 / DRAWN BY: TDC / PPW	1

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