

## WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		This is a total of 50 water right change applications for these 25 water rights: - 25 POD changes to new pumpsites for the irrigator-retained portion of each divided water right, and - 25 trust water changes for the instream flow portion of each divided water right.
<p><b>For TRROA:</b> CS4-01942sb3 and CS4-01942sb3@1 through ...@21 (already filed w/ECY); and CS4-01942sb3@22 through ...@25 (to be filed soon w/ECY);</p> <p><b>For SWUA:</b> CS4-12485sb3 and ...@1, CS4-01692sb3 and ...@1, CS4-02226sb3 and ...@1 through ...@3, CS4-01286sb3 and ...@1 through ...@7, CS4-02148sb3 and ...@1, and CS4-01284sb3 and ...@1 (will be filed imminently w/ECY); CS4-00553sb3 and ...@1, and CS4-01201sb3 and ...@1 (to be filed soon w/ECY).</p>		
APPLICANT NAME	CONTACT NAME	TELEPHONE NO.
1) Teanaway River Ranch Owners Association (TRROA) members and Seaton Water Users Association (SWUA) members (25 POD change apps); 2) WA Dept of Ecology (25 Trust apps)	Stan Isley	(509) 575-5848, ext. 281
WATER RIGHT HOLDER'S NAME (if different)		EMAIL
1)irrigator-retained portion: Individual TRROA members names and individual SWUA members names; 2) instream flow trust portion: Washington State Department of Ecology		sisley@usbr.gov

DATE OF APPLICATION	PRIORITY DATE
3-20-2015 for 22 apps already filed for 11 TRROA water rights; imminently to be filed for the 20 apps for 10 SWUA water rights; and to be filed soon for the final 8 apps for the last 2 TRROA & 2 SWUA water rights.	6-30-1885 & 6-30-1894 for TRROA; and 6-30-1882 to 6-30-1891 for SWUA

WATER SOURCE:	CROP:
Teanaway River	1) Timothy Hay for irrigator-retained portion; 2) Instream Flow for trust portion
INSTANTANEOUS QUANTITY:	ANNUAL QUANTITY:
<b>TRROA:</b> irrigator-retained portion (70%) = 4.855 cfs; Instream flow trust portion (30%) = 2.080 cfs. <b>SWUA:</b> irrigator-retained portion (70%) = 1.896 cfs; Instream flow trust portion (30%) = 0.814 cfs.	<b>TRROA:</b> irrigator-retained portion (50%) = 936.920 af/yr; Instream flow trust portion (50%) = 936.900 af/yr. <b>SWUA:</b> irrigator-retained portion (50%) = 365.613 af/yr; Instream flow trust portion (50%) = 366.124 af/yr.
PERIOD OF USE:	
May 1 – September 15 each year	
PLACE OF USE:	PURPOSE OF USE:
<b>TRROA:</b> irrigator-retained portion = portions of Sections 13, 24, and 25 of T. 20 N., R. 16 E.W.M., and portions of Sections 19 and 30 of T. 20 N., R. 17 E.W.M. Instream flow trust portion = Teanaway River, instream, from the historic Haida-Peterson POD at RM 5.1 (in the SW1/4SW1/4 of Section 13, T. 20 N., R. 16 E.W.M.) downstream to the TRROA pump site at RM 4.2 (in the NW1/4 NE ¼ of Section 25, T. 20 N., R. 16 E.W.M.). <b>SWUA:</b> irrigator-retained portion = portions of Sections 33 and 34 of T. 20 N., R. 16 E.W.M. Instream flow trust portion = Teanaway River instream from the historic Seaton Ditch POD at RM 3.4 (in the NE1/4SE1/4 of Section 26, T. 20 N., R. 16 E.W.M.) downstream to the SWUA pump site at RM 0.6 (in the SE1/4SE1/4 of Section 33, T. 20 N., R. 16 E.W.M.).	1) Irrigation and stock water; 2) Instream flow use, primary-reach-only trust water right
IRRIGATION METHOD:	
Sprinklers, wheel lines.	

**CONSUMPTIVE USE CALCULATION:**

Not applicable - no fallowed consumptive use associated with this proposal.

**NARRATIVE DESCRIPTION OF PROJECT:**

[- MCR recently purchased the former Teanaway Ranch Incorporated (TRI) lands and water right, closing on 12/16/2014.]

- In 2000, BPA funded construction of 3 new pumped irrigation systems in the lower Teanaway River: 1 for TRI; 1 for the Teanaway River Ranch Owners Association (TRROA); and 1 for the Seaton Water Users Association (SWUA).
- Adjudication Court Orders Pendente Lite (OPL) dated 3/09/2000 and 6/14/2007 protect and assign the water conserved by these 3 irrigation system efficiency upgrades to primary-reach-only instream flow use in the Teanaway River from the historic upstream ditch diversion points to the new downstream pump sites.
- MCR and the SWUA & TRROA water right holders and Ecology are incrementally submitting Joint Motions to Divide and Partially Substitute Party, and Proposed Orders to Divide... to the Adjudication Court, to divide each of these confirmed water rights into a retained portion for continuing off-stream use by the water right holder and a portion transferred to Ecology to be placed in the State Trust Water Rights Program for primary-reach-only instream flow trust water use in the lower Teanaway River. The Court approved the first of these Proposed Orders to Divide and Partially Substitute Party, for the MCR water right, on February 23, 2015.
- TRROA/Ecology Joint Motions to Divide and Partially Substitute Party will be on the Acquavella Court's May 14<sup>th</sup> Water Day Hearing docket.
- On 3/20/2015, TRROA water users filed with Ecology 11 applications to change the POD for the retained portions of their water rights from the abandoned Haida-Peterson Ditch diversion point to the new downstream pump site; and (with Ecology as applicant) also filed on 3/20/2015 with Ecology 11 applications to place the conserved water portion of their water rights in the State Trust Water Rights Program.
- SWUA water users have now signed (imminently to be filed with Ecology) POD change applications and instream flow trust water applications for 10 of the 12 SWUA members' water rights.
- Stan Isley will meet very soon with the owners of the final 2 TRROA water rights and the final 2 SWUA water rights to facilitate the signing and filing of those last 8 water right change/trust applications with Ecology as soon as possible.
- MCR is transferring 30% of its court-confirmed water right to Ecology for instream flow trust water use in the Teanaway River.
- MCR is retaining for continuing irrigation and stock water use 70% of its court-confirmed water quantities, including 70% of its surplus water right (when available for use).
- The 1999 TRROA and SWUA contracts with BPA and USBR required a 5-year demonstration/proof period, following completion of construction of each irrigation system, which confirmed the proportion or quantity of each water right that each TRROA and SWUA member would retain for continuing irrigation and stock water use.
- Each of the TRROA and SWUA water right holders are transferring 30% of their court-confirmed diversion rate water quantities (in cfs) and 50% of their base annual water duties (in af/yr) to Ecology for instream flow trust water use (primary-reach only) in the lower Teanaway River.
- The TRROA and SWUA water right holders are retaining for continuing irrigation and stock water use 70% of their court-confirmed diversion rate water quantities (in cfs) and 50% of their base annual water duties (in af/yr).
- Any and all 'surplus water' rights confirmed by the Adjudication Court to TRROA and SWUA members were retired in 2000 when their new irrigation systems were built - without the capacity to deliver 'surplus water' - and those no-longer-needed TRROA and SWUA 'surplus water' quantities have relinquished.
- These MCR/TRROA members/SWUA members/Ecology change applications, once approved by Ecology, will provide permanent approval for the current temporary authorizations for MCR (formerly TRI), for the TRROA members, and for the SWUA members, granted by the Adjudication Court's 3/09/2000 and 6/14/2007 OPL's - i.e., MCR's, TRROA's, and SWUA's, 'new' pump site diversion points for their retained portions and the instream flow trust water use of the conserved water portions.

**WTWG 2007-36 for TRROA & SWUA:**

- WTWG provided a thumbs up approval on 5/21/2007, under WTWG 2007-36, for the 6/14/2007 OPL affecting the TRROA and SWUA water rights (i.e., 'new' pump site diversion and up to 50% of the rights for instream flow use in the Teanaway River). So WTWG has already reviewed and vetted this same Teanaway Restoration Project as it relates to the TRROA and SWUA water rights, and has previously granted a thumbs-up approval for the project. And of course, more recently on February 2, 2015, WTWG gave a thumbs-up approval solely for the MCR transfer proposal.

**- I'm seeking a blanket 'thumbs up' approval from WTWG for all of these TRROA and SWUA water right change applications - 25 POD change applications, and 25 Trust Water Right instream flow use (primary-reach only in the lower Teanaway River) applications.**

NOTE: The TRROA and SWUA water rights are a total of 25 individually-confirmed water rights (13 to TRROA members and 12 to SWUA members).

**- A summary spreadsheet of the water quantities associated with the MCR, TRROA, and SWUA irrigation system upgrades (aka Teanaway Restoration Project) is attached to this project description.**

**- A map is also attached, showing the locations of the former ditch diversions and the new pumphsites.**

**- And I've attached a write-up summarizing the Teanaway River Restoration Project Flow Augmentation by River Reach.**

The Teanaway Restoration Project is a successful model for improving instream flows and fish passage and habitat by upgrading irrigation diversions and irrigation system efficiency.

Stan Isley, 3-30-2015

## **Teanaway River Restoration Project Flow Augmentation by River Reach**

BPA and Reclamation entered three agreements in 1999 to fund irrigation system improvements in the mid and lower Teanaway River subbasin in exchange for the users' transfer of a portion of each of their individually-confirmed water rights to instream flow trust water use in the Teanaway River. BPA funded the irrigation system improvements that were completed in 2000. Agreement #1 was with the Seaton Water Users Association (SWUA) members, Agreement #2 was with the Teanaway River Ranch Associates (TRRA), now Teanaway River Ranch Owners Association (TRROA) members, and Agreement #3 was with the Teanaway River Ranch, Inc. (TRI), which is now owned by Mack Creek Ranch, LLC (MCR).

The SWUA and TRROA agreements required a 5-year demonstration period after system construction was completed, with drought years not included in the record, to determine how much of each water right would be transferred to the State Trust Water Rights Program. The conserved water at issue has been temporarily assigned to instream flow use by still-valid Adjudication Court Orders Pendente Lite dated March 9, 2000 and June 14, 2007. The culmination of this Teanaway project will be the permanent placement of this conserved water in the State Trust Program for instream flow augmentation use in the Teanaway River from the original ditch diversion points to the new downstream pump site diversions, and Stan Isley is currently working with the owners of the 25 individual water rights to file the appropriate water right diversion point change applications and trust water applications with the Department of Ecology.

The MCR agreement provides for the transfer of 30% of the court-confirmed MCR water right to the State Trust Program.

Now that the 5-year demonstration period has expired, the SWUA and TRROA agreements provide for the transfer of 30% of the court-confirmed diversion rate quantities (in cubic feet per second, cfs) and 50% of the court-confirmed annual water duties (in acre-feet per year, af/yr), for each of the SWUA members, and TRROA members' water rights (a total of 25 water rights) to the State Trust Program, with the court-confirmed 'surplus water' quantities (cfs and af/yr) being 100% retired/relinquished.

**A MAP** of the mid and lower Teanaway River is included with this document that shows the flow-augmented reaches of the river, the historic and now abandoned ditch diversion point locations, and the new downstream pump site locations for these 3 water systems – SWUA, TRROA, and MCR.

From upstream to downstream, **the map(s) show(s) 5 key locations**, as follows:

**#1.** At Teanaway River Mile (RM) 7.5 - The former MCR (3M Ditch) diversion point (POD) and the start of the primary reach instream flow trust water right (twr) derived from the one (1) MCR water right, located 150 feet north and 800 feet west of the SE corner of Section 10, being within the SE¼SE¼ of Section 10, T. 20 N., R. 16 E.W.M. [Parcel 204835]

**#2.** At RM 5.1 - The former TRROA (Haida-Peterson Ditch) POD and the start of the primary reach instream flow twr's derived from the 13 TRROA members' water rights, located 800 feet north and 800 feet east of the SW corner of Section 13, being within the SW¼SW¼ of Section 13, T. 20 N., R. 16 E.W.M. [Parcel 706336]

**#3.** At RM 4.2 - The 'new' TRROA and MCR pump sites POD (at Red Bridge Road bridge) and the end of the primary reach instream flow twr's derived from the 14 total TRROA members' and MCR water rights, located 900 feet south and 2100 feet west of the NE corner of Section 25, being within the NW¼NE¼ of Section 25, T. 20 N., R. 16 E.W.M. [Parcel 910436]

**#4.** At RM 3.4 - The former SWUA (Seaton Ditch) POD and the start of the primary reach instream flow twr's derived from the 12 SWUA members' water rights, located 1200 feet south and 600 feet west of the east quarter corner of Section 26, being within the NE¼SE¼ of Section 26, T. 20 N., R. 16 E.W.M. [Parcel 528536]

**#5.** At RM 0.6 - The 'new' SWUA pump site POD (at Lambert Road bridge) and the end of the primary reach instream flow twr's derived from the 12 SWUA members' water rights, located 50 feet north and 50 feet west of the SE corner of Section 33, being within the SE¼SE¼ of Section 33, T. 20 N., R. 16 E.W.M. [Parcel 514536]

**Flow augmentation quantities and discussion**, reach by reach in the Teanaway River:

- From Point #1 to Point #2 (3.3 river miles, from RM 7.5 to RM 4.2): Trust Water from MCR water right = 0.996 cfs instream flow twr (1.992 cfs for 30 days during freshet when 'surplus' water is available).

BUT the Downstream POD Move of the MCR right means 100% of the MCR right stays instream in this reach, so Total Flow Augmentation in this reach = 3.32 cfs (6.64 cfs for 30 days during freshet).

- From Point #2 to Point #3 (0.9 river mile, from RM 5.1 to RM 4.2): Trust Water from the 13 TRROA water rights = 2.08 cfs instream flow twr, plus the MCR twr described above (0.996 cfs, but 1.992 cfs for 30 days), for a total instream flow twr of 3.076 cfs (4.072 cfs for 30 days); Plus the 6.935 cfs of Retired/Relinquished TRROA 'Surplus' Water Rights for 30 days; yields an instream flow augmentation component of 3.076 cfs (11.007 cfs for 30 days) in this reach.

AND the Downstream POD Move for both the MCR right and the 13 TRROA rights means 100% of the MCR and TRROA rights stays instream in this reach, so Total Flow Augmentation in this reach = 10.225 cfs (20.51 cfs for 30 days during freshet).

- From Point #3 to Point #4 (0.8 river mile, from RM 4.2 to RM 3.4): Zero (0) cfs of instream flow trust water; 0 cfs of total flow augmentation.

- From Point #4 to Point #5 (2.8 river miles, from RM 3.4 to RM 0.6): Trust Water from the 12 SWUA water rights = 0.814 cfs instream flow twr; Plus the 1.241 cfs of Retired/Relinquished SWUA 'Surplus Water Rights for 30 days; yields an instream flow augmentation component of 0.814 cfs (2.055 cfs for 30 days) in this reach.

AND the Downstream POD Move for the 12 SWUA rights means 100% of the SWUA rights stays instream in this reach, so Total Flow Augmentation in this reach = 2.713 cfs (3.954 cfs for 30 days during the freshet).

- Downstream from Point #5 (RM 0.6): Zero (0 cfs of instream flow trust water; 0 cfs of total flow augmentation.

This project has eliminated 3 historic ditch diversions with their attendant fish passage problems.

Stan Isley, March 30, 2015.

# Teanaway River Restoration Project Flow Augmentation by River Reach

T22N/R14E

T22N/R15E

T22N/R16E

Middle Fork  
Teanaway River

North Fork  
Teanaway River

West Fork  
Teanaway River

T21N/R14E

T21N/R15E

T21N/R16E

#1 Former MCR POD

#2 Former TRROA  
POD

#3 New TRROA &  
MCR pump site

#4 Former  
SWUA POD

#5 New SWUA  
pump site

T20N/R14E

T20N/R15E

T20N/R16E

Easton

Easton

Ronald

Roslyn

Cle Elum

South Cle Elum



## Exhibit 1 - Teanaway Restoration Project Results & Benefits

**Seaton Water Users Association (SWUA) Members, Teanaway River Ranch Owners Association (TRROA) Water Users, & Mack Creek Ranch, LLC (MCR) [former Teanaway Ranch, Inc. (TRI)] Water Rights**

Showing the 70% Irrigation & Stock Water Qi (cfs) & 50% Irrigation & Stock Water Qa (af/yr) Portions Retained by the SWUA & TRROA Water Users, and the 30% Instream Flow Qi (cfs) & 50% Instream Flow Qa (af/yr) Portions of the SWUA & TRROA Rights For Instream Flow Trust Water Right Use; and Showing the 70% Qi & Qa Portions Retained by MCR (former TRI), and the 30% Qi & Qa Portions of the MCR (former TRI) Right for Instream Flow Trust Water Right Use.

SWUA Members Name & Court Claim Number	Priority Date	Court Confirmed Irrigated Acres	Court Confirmed 100% CFS	Court Confirmed 100% AF/YR	70% Qi (cfs) Irrigation & Stock Water Retained Portion	50% of Qa (af/yr) Irrigation & Stock Water Retained Portion	Other Uses (Diver-sionary Stock Water - 5/1 - 9/15)	Retired Surplus Water (cfs)	Retired Surplus Water (af/yr)	30% of Qi (cfs) Instream Flow Trust Portion	50% of Qa (af/yr) Instream Flow Trust Portion	County Parcel Numbers
Maggs, Clifford & Rene (Bonetto) - #12485	6-30-1882	5.10	0.102	27.54	0.071	13.770	Yes			0.031	13.770	925235, 645235, & 325235
McClure, June & Joe Riley - #00553	6-30-1882	8.50	0.170	45.90	0.119	22.950	Yes			0.051	22.950	(735235 & 14529), & 836036
Osmonovich, Ivan J.* - #01692	6-30-1882	2.00	0.040	13.00	0.028	5.400		0.040	2.200	0.012	5.400	595235
Miller, Beverly - #02226	6-30-1884	1.00	0.020	5.40	0.014	2.700				0.006	2.700	825235
Montgomery, Ronald J. & Becky* - #01286	6-30-1885	26.81	0.536	174.27	0.375	72.390	Yes	0.536	29.491	0.161	72.389	412636, & 402636
Osmonovich, Ivan J.* - #01286	6-30-1885	20.44	0.410	132.86	0.287	55.188		0.410	22.484	0.123	55.188	428236
Bergstrom, Mary* (was Pratt, Tommy & Genine) - #01286	6-30-1885	8.36	0.167	54.34	0.117	22.572		0.167	9.196	0.050	22.572	19730, 15223, 19727, & 548236
Stephenson, Catherine* - #01286	6-30-1885	4.39	0.088	28.54	0.062	11.856		0.088	4.829	0.026	11.855	21052, & 392636
Cernick, Robert M. & Debbie Lee - #02148	6-30-1891	16.00	0.320	86.40	0.224	43.200	Yes			0.096	43.200	365235
Miller, Beverly - #02226	6-30-1891	8.00	0.160	43.20	0.112	21.600	0.5 af/yr			0.048	21.600	395235
Osmonovich, Janice C. - #01284	6-30-1891	2.00	0.040	10.80	0.028	5.400	Yes			0.012	5.400	19330, 19329, & 19328
Starkovich, Daryle T. Estate - #01201	6-30-1891	32.81	0.660	178.20	0.459	88.587	1.0 af/yr			0.198	89.100	15140, 15139, 15138, 335235, & 815235
<b>SWUA TOTALS*</b>	<b>6-30-1882 to 6-30-1891</b>	<b>135.41</b>	<b>2.713</b>	<b>800.45</b>	<b>1.896</b>	<b>365.613</b>	<b>1.5 af/yr - 7 rights</b>	<b>1.241</b>	<b>68.200</b>	<b>0.814</b>	<b>366.124</b>	

\*The two Ivan Osmonovich, the Montgomery, the Bergstrom (Pratt), and the Stephenson water rights were all confirmed the right to divert additional "surplus" water for up to 30 days, when available, in the Court's Conditional Final Order for Subbasin No. 3 (Teanaway River). SWUA is contractually not entitled to divert this "surplus" water into the new SWUA pressurized irrigation system. The 70%, 50%, and 30%, portion quantities for the SWUA members water rights are all derived based only on the standard 0.02 cfs, 5.4 af/yr per acre water duty in the Teanaway Subbasin.

Note: The instream flow columns show the 30% Qi (cfs) portions and the 50% Qa (af/yr) portions of each of the SWUA members water rights that are to be assigned to instream flow trust water right use from the historic point of diversion of the abandoned Seaton Ditch (in the NE¼SE¼ of Section 26, T. 20 N., R. 16 E.W.M.) to the new SWUA pumpsite located downstream at the Lambert Road Bridge on the lower Teanaway River (in the SE¼SE¼ of Section 33, T. 20 N., R. 16 E.W.M.).

Note: The Court's 3-10-2011 Order to Divide and Partially Substitute Party divided the Starkovich 1891 water right into 3 portions: 1) the portion retained by the Starkoviches, and 2) the instream flow trust portion, both described here, and 3) 0.003 cfs, 0.513 af/yr of water for instream flow trust water use and mitigation for a domestic water supply for a new home on the Starkovich property, derived by following 0.19 acre of the original 33 acre Starkovich irrigation water right, and subsequently approved by Ecology's 10-21-2011 ROE.

TRROA Water Users Names - Court Claim #01942 Applies to All TRROA Water Users	Priority Date	Court Confirmed Irrigated Acres	Court Confirmed 100% CFS	Court Confirmed 100% AF/YR	70% Qi (cfs) Irrigation & Stock Water Retained Portion	50% of Qa (af/yr) Irrigation & Stock Water Retained Portion	Other Uses (Diver-sionary Stock Water - 5/1 - 9/15)	Retired Surplus Water (cfs)	Retired Surplus Water (af/yr)	30% of Qi (cfs) Instream Flow Trust Portion	50% of Qa (af/yr) Instream Flow Trust Portion	Lot Numbers	County Parcel Numbers
Ronald Graff, et ux.; (Dickhaus, Frederick)	6-30-1885	28.42	0.570	184.73	0.399	76.734	Yes	0.570	31.262	0.171	76.734	C-5	620436
Sole, Andrew; (Drot-ning, Norman & Lael)	6-30-1885	8.00	0.160	52.00	0.112	21.600	Yes	0.160	8.800	0.048	21.600	D-4	130436
Fookes, Larry & Sharon Almberg	6-30-1885	24.48	0.490	159.12	0.343	66.096	Yes	0.490	26.928	0.147	66.096	C-6	110436
Hancock, Richard & Shirley	6-30-1885	69.54	1.390	452.01	0.973	187.758	Yes	1.390	76.494	0.417	187.758	C-10, D-5, D-9, D-10, & D-11	930436, 630436, 050436, 080436, & 290436
Hollingsworth, Patrick & Jenny	6-30-1885	10.00	0.200	65.00	0.140	27.000	Yes	0.200	11.000	0.060	27.000	D-6	040436
Johnson, William S.	6-30-1885	11.41	0.230	74.17	0.161	30.812		0.230	12.551	0.069	30.807	D-7	030436
Abeyta, Terry; (Liven-good, John & Ann)	6-30-1885	13.00	0.260	84.50	0.182	35.100	Yes	0.260	14.300	0.078	35.100	D-2 & D-3	910436 & 590436
Lixvar, John	6-30-1885	24.46	0.490	158.99	0.343	66.042	Yes	0.490	26.906	0.147	66.042	C-11	610436
Lloyd, William A. & Geraldine C.	6-30-1885	4.25	0.085	27.63	0.060	11.480	Yes	0.085	4.675	0.025	11.475	C-12	280436
Nichols, T. Olin	6-30-1885	75.24	1.500	489.06	1.050	203.148	Yes	1.500	82.764	0.450	203.148	C-1 & C-2	704935, 264835, & 920436
Sparks, William F. & Sandra N.; and Blais	6-30-1885	50.75	1.010	329.88	0.707	137.030	Yes	1.010	55.825	0.303	137.025	(C-4), C-7, C-8, & C-9	940436, 270436, 100436, & 260436
Bryan, Fletcher, Perkins (Teanaway Associates)	6-30-1885	25.45	0.510	165.43	0.357	68.720	Yes	0.510	27.995	0.153	68.715	D-8, D-12, & C-13	(120436 & 060436)
Nichols, T. Olin	6-30-1894	2.00	0.040	10.80	0.028	5.400	Yes	0.040	0.000	0.012	5.400	C-1	264835
<b>TRROA TOTALS*</b>	<b>6-30-1885 &amp; 6-30-1894</b>	<b>347.00</b>	<b>6.935</b>	<b>2253.32</b>	<b>4.855</b>	<b>936.920</b>	<b>12 Stock Water Rights</b>	<b>6.935</b>	<b>379.500</b>	<b>2.080</b>	<b>936.900</b>		

\*All 13 of the TRROA water users water rights were confirmed the right to divert additional "surplus" water for up to 30 days, when available, in the Court's Conditional Final Order for Subbasin No. 3 (Teanaway River). TRROA is contractually not entitled to divert this "surplus" water into the new TRROA pressurized irrigation system. The 70%, 50%, and 30%, portion quantities for the TRROA water users water rights are all derived based only on the standard 0.02 cfs, 5.4 af/yr per acre water duty in the Teanaway Subbasin.

Note: The instream flow columns show the 30% Qi (cfs) portions and the 50% Qa (af/yr) portions of each of the TRROA water users water rights that are to be assigned to instream flow trust water right use from the historic point of diversion of the abandoned Haida-Peterson Ditch (in the SW¼SW¼ of Section 13, T. 20 N., R. 16 E.W.M.) to the new TRROA pumpsite located downstream at the Red Bridge Road Bridge on the Teanaway River (in the NW¼NE¼ of Section 25, T. 20 N., R. 16 E.W.M.).

MCR (former TRI) - Name & Court Claim Number	Priority Date	Court Confirmed Irrigated Acres	Court Confirmed 100% CFS	Court Confirmed 100% AF/YR	70% Qi (cfs) Irrigation & Stock Water Retained Portion	70% of Qa (af/yr) Irrigation & Stock Water Retained Portion	Other Uses (Diver-sionary Stock Water - 5/1 - 9/15)	Retired 30% of Surplus Water (cfs)	Retired 30% of Surplus Water (af/yr)	30% of Qi (cfs) Instream Flow Trust Portion	30% of Qa (af/yr) Instream Flow Trust Portion	County Parcel Numbers
MCR (TRI) - #01042	6-30-1889	166.00	3.32 (or 6.64)	1079.00	2.324 (or 4.648)	755.30	Yes	0.000	0.00	0.996 (or 1.992)	323.70	115535, 605435, & 135435

Note: The Court's CFO confirmed TRI (now MCR) the right to divert "surplus" water, confirming TRI's historic right to divert up to 6.64 cfs for up to 30 days, when available. MCR retains 70% of its total confirmed water right, including 70% of its "surplus" water right, allowing MCR to continue to divert up to 4.648 cfs for up to 30 days when "surplus" water is available, generally in May and June. MCR's maximum (70%) retained diversion rate for the rest of the irrigation season is now 2.324 cfs; and MCR's maximum retained annual diversion limit is now 755.30 af/yr (5/01-9/15).

Note: The instream flow columns show the 30% Qi (cfs) portion and the 30% Qa (af/yr) portion of the MCR (former TRI) water right that are to be assigned to instream flow trust water right use from the historic point of diversion of the 3-M Ditch (in the SE¼SE¼ of Section 10, T. 20 N., R. 16 E.W.M.) to the new MCR pumpsite located downstream at the Red Bridge Road Bridge on the Teanaway River (in the NW¼NE¼ of Section 25, T. 20 N., R. 16 E.W.M.), totaling 0.996 cfs, 323.70 af/yr, from May 1 through September 15 each year.

**Teanaway Restoration Project Benefit Analysis:**

- 1) SWUA water rights (12) were originally confirmed for a total of 2.713 cfs, 800.45 af/yr, for irrigation of 135.41 acres and stock water from 5/01-9/15. The SWUA diversion point (POD) is now moved downstream 2.8 river miles, from the historic Teanaway River Mile (RM) 3.4 location, to RM 0.6, at which point SWUA retains the right to pump 1.896 cfs, 365.613 af/yr of water for irrigation of 135.41 acres and 1.5 af/yr for stock water, to satisfy SWUA's off-stream water needs. Thus 2.8 river miles now enjoy 2.713 cfs, 367.113 af/yr, of flow augmentation from 5/01-9/15. The confirmed SWUA "surplus water" rights (5 rights) are now permanently retired, and remain instream, totaling an additional 1.241 cfs instream for up to 30 days when available, 68.20 af/yr. And 0.814 cfs, 366.124 af/yr of the SWUA confirmed rights are permanently protected from 5/01-9/15 as instream flow trust water rights from RM 3.4 to RM 0.6.
- 2) TRROA water rights (13) were originally confirmed for a total of 6.935 cfs, 2,253.32 af/yr, for irrigation of 347 acres and stock water from 5/01-9/15. The TRROA diversion point (POD) is now moved downstream 0.9 river mile, from the historic Teanaway River Mile (RM) 5.1 location, to RM 4.2, at which point TRROA retains the right to pump 4.855 cfs, 936.92 af/yr, of water for irrigation of 347 acres and stock water, to satisfy TRROA's off-stream water needs. Thus 0.9 river mile now enjoys 6.935 cfs, 2,253.32 af/yr, of flow augmentation from 5/01-9/15. The confirmed TRROA "surplus water" rights (13 rights) are now permanently retired, and remain instream, totaling an additional 6.935 cfs instream for up to 30 days when available, 379.50 af/yr. And 2.08 cfs, 936.90 af/yr of the TRROA confirmed rights are permanently protected from 5/01-9/15 as instream flow trust water rights from RM 5.1 to RM 4.2.
- 3) The MCR (former TRI) water right was originally confirmed for a total of 3.32 cfs (plus an additional 3.32 cfs of "surplus water" for up to 30 days when available), 1,079 af/yr, for irrigation of 166 acres and stock water from 5/01-9/15. The MCR diversion point (POD) is now moved downstream 3.3 river miles, from the historic Teanaway River Mile (RM) 7.5 location, to RM 4.2, at which point MCR retains the right to pump 2.324 cfs (plus an additional 2.324 cfs of "surplus water" for up to 30 days when available), 755.30 af/yr, of water for irrigation of 166 acres and stock water, to satisfy MCR's off-stream water needs. Thus 3.3 river miles now enjoy 3.32 cfs (6.64 cfs for 30 days), 1,079 af/yr, of flow augmentation from 5/01-9/15. A total of 0.996 cfs (or up to 1.992 cfs for 30 days), 323.70 af/yr of the MCR confirmed right is permanently protected from 5/01-9/15 as an instream flow trust water right from RM 7.5 to RM 4.2.
- 4) Teanaway River Spring chinook salmon redd counts (conducted annually since 1981 by YKFP staff) were 0 redds in 13 of the years from 1981-1999, with an average of 0.79 redd per year during this 19 year period. Upon completion of these Teanaway Restoration Projects, Teanaway spring chinook redd counts jumped to 21 in both 2000 and 2001, 110 in 2002, and a high count of 253 redds in 2010. The average Teanaway spring chinook redd count for the 14 post-project years from 2000 through 2013 was 63.93 redds. The Teanaway Restoration Project has opened up fish passage and restored adequate flows to the Teanaway River system, benefiting multiple species of salmonids and other wildlife.