

**WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION**

APPLICATION NO./COURT CLAIM NO. WR #1: 02206, (A) 03119, (A) 05238 WR #2: 02206, (A) 03119, (A) 05238 WR #3: CS4-02206CTCL@1 WR #4: 02206 (A) 03119, (A) 05238 WR #5: 02206 (A) 03119, (A) 05238		AFLC
APPLICANT NAME  American Forest Land Company, LLC	CONTACT NAME  Dave Bowen, American Forest Resources  Lisa Pelly, Trout Unlimited- WWP	TELEPHONE NO.  (509) 925-4650  (509) 888-0970
WATER RIGHT HOLDER'S NAME (if different) WR #1: Boise Cascade Corporation WR #2: Boise Cascade Corporation WR #3: US Timberlands Yakima LLC (USTY) WR #4: Boise Cascade WR #5: Boise Cascade		EMAIL <a href="mailto:lpelly@tu.org">lpelly@tu.org</a>

DATE OF APPLICATION May 25, 2010	PRIORITY DATE WR #1: June 30, 1885 WR #2: June 30, 1893 WR #3: June 30, 1889 WR #4: June 30, 1891 WR #5: June 30, 1889
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WATER SOURCE: WR #1: Teanaway River WR #2: NF Teanaway River WR #3: NF Teanaway River WR #4: NF Teanaway River WR #5: Indian Creek	CROP: WR #1: 55 acres of pasture WR #2: 22 acres of pasture WR #3: 26 acres of pasture WR #4: 12 acres of pasture WR #5: 30 acres of pasture
INSTANTANEOUS QUANTITY: WR #1: 1.1 cfs WR #2: .44 cfs WR #3: .52 cfs WR #4: .24 cfs WR #5: .60 cfs	ANNUAL QUANTITY: WR #1: 220 afy for irrigation, road watering, maintenance and fire protection;  WR #2: 88 afy for irrigation, road watering, maintenance and fire protection;  WR #3: 105 afy: (98 afy for irrigation and 6 afy for road watering, maintenance, and fire protection.

	<p>WR #4: 43 afy for irrigation, road watering, maintenance, fire protection.</p> <p>WR #5: 120 afy for irrigation, road watering, maintenance, fire protection.</p>
<p>PERIOD OF USE:  WR # 1,2, 4, 5 : May 1- September 15</p> <p>WR #3: May 1 - September 15: irrigation  May 15 – September 30: all other uses</p>	
<p>PLACE OF USE:</p> <p>WR #1: That portion of the NE ¼ of Section 6, T. 20 N., R. 16 E.W.M., County of Kittitas, Washington, lying westerly of Teanaway Road.</p> <p>WR #2: That portion of SE ¼ of Section 30, T. 21 N., R. 16 E.W.M., County of Kittitas, Washington, lying west of the Teanaway River, southeast of the Teanaway Road and east of the primary irrigation ditch.</p> <p>WR #3: Irrigation:  That portion of the SE ¼ NW ¼ and W ½ NE ¼ of Section 29, T. 21 N., R. 16 E.W.M., lying southeast of the Teanaway Road, west of the Teanaway River and east of the primary irrigation ditch.</p> <p>Forestry Practices:  T. 20 N., R. 15 EWM: Sections 1-6, 10-14, and 24;  T. 20 N., R. 16 EWM: Sections 1-15, 17, 18, 20, 22 and 23;  T. 20 N., R. 17 EWM: Sections 7, 8, 17, 18, 22, 23, 26, 27 and 34;  T. 21 N., R. 15 EWM: Sections 11-15, 19-21, 23-25 and 27-36;  T. 21 N., R. 16 EWM: Sections 2-11, 14, 15, 17-23 and 26-35;  T. 22 N., R. 16 EWM: Sections 27, 33 and 35; all within the County of Kittitas, Washington.</p> <p>WR #4: The N ½ S ½ NE ¼ of Section 20, T. 21 N., R. 16 E.W.M., County of Kittitas, Washington.</p>	<p>PURPOSE OF USE:</p> <p>WR #1: Irrigation of 55 acres, road watering, maintenance, fire protection.</p> <p>WR #2: Irrigation of 22 acres, road watering, maintenance, fire protection.</p> <p>WR #3: Irrigation of 26 acres, and for timber harvesting, dust control, road maintenance, fire protection.</p> <p>WR #4: Irrigation of 12 acres, road watering, maintenance, fire protection.</p> <p>WR #5: Irrigation of 30 acres, road watering, maintenance, fire protection</p>

WR #5: The S ½ S ½ SW ¼ of Section 10 and the N ½ NW ¼ of Section 15, T. 21 N., 16 E.W.M., County of Kittitas, Washington.	
IRRIGATION METHOD: Flood	

<p>CONSUMPTIVE USE CALCULATION:</p> <p>Consumptive use calculations are based on Washington Irrigation Guide (WIG) for pasture, which represents the most recent historical use.</p> <p><b>WATER RIGHT # 1:</b> The water right authorizes 220 AF/year authorized for 55 acres. This equals 4 AF per acre water duty (220 AF per year/55 acres).</p> <p>Consumptive use estimates are calculated as follows based on irrigation May 1 – September 15:</p> <p>Crop Irrigation requirement (CIR) for Pasture = 18.11 in/acre annually or 1.51 AF/acre/year.  Total Irrigation Requirement (TIR) = CIR/Ea Ea for sprinkler irrigation is 75%. TIR = 1.51/.75 = 2.01 AF per acre x 55 acres = 110.7 AF/year TIR  % Total CU = Ea + % Evap for sprinkler = 75 % + 10% = 85%  Total CU = 85% x TIR = .85 x 110.7 = 94.12 AFY.</p> <p><b>WATER RIGHTS # 2-5:</b> The water rights authorize 355 AF/year authorized for 90 acres. This equals 3.94 AF per acre water duty (355 AF per year/90 acres).</p> <p>Consumptive use estimates are calculated as follows based on irrigation May 1 – September 15:</p> <p>Crop Irrigation requirement (CIR) for Pasture = 18.11 in/acre annually or 1.51 AF/acre/year.  Total Irrigation Requirement (TIR) = CIR/Ea Ea for graded furrow irrigation is 65%. TIR = 1.51/.65 = 2.32 AF per acre x 90 acres = 208.8 AF/year TIR  % Total CU = Ea + % Evap for graded furrow = 65% + 5% = 70%  Total CU = 70% x TIR = .70 x 208.8 = 146.16 AFY.</p>
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<p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>WR #'s 1-4: One year donation of water right on the Teanaway River and NF Teanaway River, with a possibility of renewal in following years.</p> <p>WR #5: One year donation of water right on Indian Creek.</p> <p>AFLC is the holder of multiple water rights in the Teanaway Basin. Trout Unlimited Washington Water Project is seeking to temporarily place five of these water rights into the Washington State's Trust Water Rights program, for the 2010 irrigation season. The purpose of use under this change is for instream flow from the historic point of diversion</p>
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on the Teanaway River to the confluence of the Yakima River with the Columbia River. Upon the approved Order Pendente Lite from Yakima County Superior Court, we will be requesting the Department of Ecology place this water right into the State's Trust Water Right Program.

WTWG Project form

### WTWG CHECKLIST

<b>1. Validity</b>	<i>Response</i>
Is there continued beneficial use history sufficient to ensure that the right has not been relinquished or abandoned?	<i>Yes</i>
Is it free of any "cloud" or claim on the title of the water right?	<i>Yes</i>
<b>2. Water Budget Neutrality</b>	
Is the transfer water budget neutral?	<i>Yes</i>
Is the transfer TWSA (Total Water Supply Available) neutral?	<i>Yes</i>
Does the transfer of the right result in equal or less consumptive use?	<i>Yes</i>
Can the transfer be made without detriment or injury to existing rights? (RCW 90.03.380(1))	<i>Yes</i>
<b>3. Timing and Availability</b>	
Temporary Transfers: If a seasonal transfer, can the transfer be implemented in the time remaining in the season?	<i>yes</i>
Permanent Transfers: Is there a map of the fallowed land or discontinued use and can it be confirmed?	<i>n/a</i>
<b>4. Impairment of instream flow</b>	
Does the transfer cause no adverse change to instream flows?	<i>Yes</i>
Is all the water accounted for at Parker and Prosser (if applicable)?	<i>n/a</i>
<b>5. Operational Considerations</b>	
If the transfer relies on space in existing Reclamation storage, is storage capacity available?	<i>n/a</i>
Can the transfer be "bucketed", with different rate and timing, without adverse impacts on other users and fish and other aquatic life?	<i>Yes</i>
Does the transfer have no impermissible impact on Yakima Project operations?	<i>Yes</i>
<b>6. For Transfers Between Surface Water and Ground Water</b>	
Can the hydrologic impacts of the transfer be accurately evaluated?	<i>n/a</i>
<b>7. Other considerations</b>	
Is the transfer in agreement with public policy?	<i>Yes</i>
Is the transfer free of unacceptable secondary effects – economic, environmental, or cultural?	<i>Yes</i>
Does the transfer not rely on return flow?	<i>Yes</i>