

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION FORM

APPLICATION NO. CS4-01253CTCL & CS4-01237CTCL	WATER RIGHT / COURT CLAIM NO. 01253 & 01237	DATE OF APPLICATION October 23, 2006
APPLICANT NAME Jack Eaton & Sons	CONTACT NAME Mark Crowley (KCCD)	TELEPHONE NO. (509) 925-8585
WATER RIGHT HOLDER'S NAME (if different) Jack W. and Benneitta E. Eaton (01253), N.N. Eaton & Sons (01237)		EMAIL Mark-crowley@wa.nacdn.net.org
WATER SOURCE: Lmuma Creek (01253) Yakima River (01237)	PRIORITY DATE July 29, 1903	PERIOD OF USE: April 1-October 31

HISTORIC USES

INSTANTANEOUS QUANTITY: 0.40cfs (01253), 4.0cfs (01237)	ANNUAL QUANTITY: 160 ac-ft/yr (01253), 1560 ac-ft/yr (01237)	CROP: Pasture and Hay
PLACE OF USE: Portions of section 3 and 4, T.15 N, R.19 E; Portions of section 33 and 34, T.16 N, R.19 EWM	PURPOSE(S) OF USE: Irrigation	IRRIGATION METHOD: Hand and Wheel Line Sprinklers

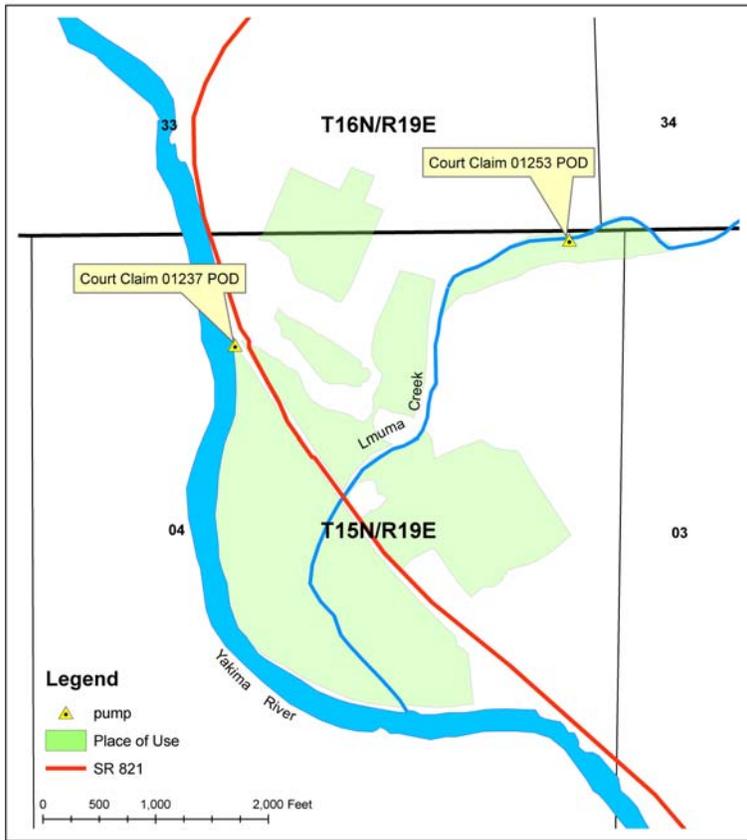
CONSUMPTIVE USE CALCULATION:

Month	Jan	Feb	March	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Con. Use/Month(in)	0	0	0	0.74	5.93	7.18	9.42	7.53	4.80	1.67	0	0
Acres Irrigated	192.5											
Total Con. Use	598.03 ac-ft/year											

37.28 in/year/acre ÷ 12 inches= 3.11 ac-ft/year/acre
 3.11 ac-ft/year/acre * 192.5 acres= **598.03 ac-ft/year**

the Yakima Station of the WIG was used due to the dry and windy climate conditions at this location

MAP / SCHEMATIC OF PLACE OF USE AND POINT(S) OF DIVERSION:



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PROPOSED USES		
<p>INSTANTANEOUS QUANTITY: 0.25 cfs for instream flow; 2.97 cfs for irrigation and stock water</p>	<p>ANNUAL QUANTITY: 90.39 ac-ft/yr for instream flows; 720.8 ac-ft/yr for irrigation and stock water</p>	<p>CROP: Pasture and Hay</p>
<p>PLACE OF USE: Lmuma Creek from the historic point of diversion to its confluence with the Yakima River for instream flows; Yakima River from the historic point of diversion to a point approximately 1100 feet west and 1450 feet north from the southeast corner of Section 4, T. 15 N., R. 19 EWM for instream flows; portions of section 3 and 4, T.15 N, R.19 E and portions of section 33 and 34, T.16 N, R.19 EWM for irrigation and stock water.</p>	<p>PURPOSE(S) OF USE: Instream Flows, Irrigation and Stock water</p>	<p>IRRIGATION METHOD: 4 center pivot sprinklers for the irrigation of 118.5 acres. The remaining 74 acres will continue to be irrigated with hand and wheel line sprinklers.</p>
<p>NARRATIVE DESCRIPTION OF PROJECT: The applicant is proposing to remove the point of diversion on Lmuma Creek, and irrigate the 12.5 acres authorized under Court Claim No. 01253 from the point of diversion on the Yakima River authorized by Court Claim No. 01237.</p> <p>Additionally, the applicant will upgrade his irrigation system from hand and wheel line sprinklers to center pivot sprinkler. This will create a savings of 0.25 cfs, 90.39 ac-ft/yr, which will be put into the TWRP for a period of 20 years, from April 1 to October 31. The applicant and the Kittitas County Conservation District request that this water savings be split between the Yakima River and Lmuma Creek; 0.056 cfs, 23.77 ac-ft/yr to the Yakima River and 0.194 cfs, 66.62 ac-ft/yr to Lmuma Creek. The trust water proposed for Lmuma Creek is the same quantity that had been put to beneficial use within the last five years from the Lmuma Creek diversion that will be removed.</p> <p>The applicant is working with the Kittitas County Conservation District to restore native riparian vegetation and to put up livestock fencing on the lower portion of Lmuma Creek.</p>		
<p>MAP / SCHEMATIC OF PLACE OF USE AND POINT(S) OF DIVERSION:</p> <div style="text-align: center;"> </div>		