

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION FORM

APPLICATION NO. CS4-00525CTCL	WATER RIGHT / COURT CLAIM NO. 0525	DATE OF APPLICATION June 8, 2006
APPLICANT NAME Boyd Brown & Michelle Vian	CONTACT NAME Breean Zimmerman, Ecology	TELEPHONE NO. (509) 454-7647
WATER RIGHT HOLDER'S NAME (if different) Boyd A. & Shirley M. Brown		EMAIL
WATER SOURCE: Rattlesnake Creek	PRIORITY DATE April 1, 1885	PERIOD OF USE: April 1 through October 31
HISTORIC USES		
INSTANTANEOUS QUANTITY: 1.5 cfs	ANNUAL QUANTITY: 225 acre feet per year	CROP: Grass
PLACE OF USE: W ½ SW ¼ of Section 2, E½SE¼ of Section 3, NW ¼ NW ¼ NW ¼ of Section 11, T 15N, R 15E.W.M.	PURPOSE(S) OF USE: Irrigation of 75 acres	IRRIGATION METHOD: Flood irrigation

(Proposed changes on page 2)

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PROPOSED USES		
INSTANTANEOUS QUANTITY: 1.5 cfs (673.2 gpm)	ANNUAL QUANTITY: 195 acre feet per year	CROP: Grass
PLACE OF USE: W ½ SW ¼ of Section 2, E½SE¼ of Section 3, NW ¼ NW ¼ NW ¼ of Section 11, T 15N, R 15E.W.M.	PURPOSE(S) OF USE: Irrigation of 65 acres	IRRIGATION METHOD: Pull lines/K-lines
<p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>The Yakima Tributary Access and Habitat Program (YTAHP) proposes this project in coordination with the Natural Resources Conservation Service (NRCS) and the landowner to remove the current gravity diversion and associated structures and change the point of diversion from the surface water diversion to a ringwell in hydraulic continuity with the Naches River downstream from the mouth of Rattlesnake Creek. The existing surface diversion requires routine instream maintenance having a direct impacts to salmonid mortality and indirect impacts to channel migration and riparian zones. In addition, converting the irrigation method from flood irrigation to a system of K-lines will increase the delivery efficiency of irrigation water by decreasing conveyance water loss in the irrigation system. Ultimately, this project will result in the elimination of entrainment of threatened fish into the irrigation system, it will keep approximately 1.5 cfs in the lowest 0.3 mile of Rattlesnake Creek, and decrease conveyance water loss in the irrigation system.</p>		
<p>MAP / SCHEMATIC OF PLACE OF USE AND POINT(S) OF DIVERSION:</p> <div style="text-align: center;"> <p style="text-align: center;"> 65 irrigated acres Road </p> <p style="text-align: center;">SCALE 1:12,000</p> <p style="text-align: center;"> 1/2 1/4 0 1/4 1/2 MILE 500 0 500 1000 1500 2000 2500 3000 3500 FEET 1/2 1/4 0 1/4 1/2 KILO METER <p style="text-align: center; font-size: small;">1 inch equals 1,000 feet</p> </p></div>		