

**WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION**

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35817 with mitigation from Trust Water Right No. CS4-01676sb5d@2		
APPLICANT NAME Steve Banich	CONTACT Erin Moore	CONTACT'S TELEPHONE NO 509-962-7968
WATER RIGHT HOLDER'S NAME (if different) Roth		CONTACT'S EMAIL erin.moore@co.kittitas.wa.us

DATE OF APPLICATION February 05, 2016
--

WATER SOURCE: Well	CROP: Lawn and\or noncommercial garden
INSTANTANEOUS QUANTITY: TBD	ANNUAL QUANTITY: 0.374 ac-ft/yr
PERIOD OF USE: Continuous for 1 domestic connection and season irrigation for lawn and\or garden	
PLACE OF USE: Parcel No. 437035, located within the S $\frac{1}{2}$ of the SE $\frac{1}{4}$ of Section 34, T. 21 N., R. 14 E.W.M.	PURPOSE OF USE: Domestic and irrigation of 500 square feet of lawn and\or garden

<p>CONSUMPTIVE USE CALCULATION:</p> <p><b>Indoor use:</b> 1 residential connection at 300 gallons per day (gpd) used continuously year round equates to 0.336 ac-ft/yr of water use, or: Consistent with WAC 173-539A-050(3), 30% of domestic in-house use on a septic system is consumptively used, therefore: <b>Indoor consumptive use (CU) = 0.101 ac-ft/yr</b></p> <p><b>Outdoor use:</b> The requestor proposes to irrigate 500 ft<sup>2</sup> of lawn and/or garden. Using a crop irrigation requirement of 31.45 in/yr (or 1.51 ft/yr) for pasture/turf near Cle Elum from the Washington Irrigation Guide and an application efficiency of 80%, the total outdoor irrigation water use is 0.038 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: <b>Outdoor consumptive use = 0.034 ac-ft/yr</b></p> <p><b>Total consumptive use = 0.135 ac-ft/yr</b></p> <p><b>Contract water = 0.064 ac-ft/yr for the period September 1 to March 31</b></p>
---

NARRATIVE DESCRIPTION OF PROJECT:

The subject parcel is located to the east of Cle Elum Lake along Spring Creek located in the S½SE¼ Section 34, T. 21 N., R. 14 E.W.M. The Roth-Clennon water bank suitability map (Trust Water Right CS4-01467@11sb3a(A)) indicates that the subject parcel is within the “yellow” area.

The requestor proposes to offset the 0.135 ac-ft/yr of consumptive use for the project (1 residential connection and 500 ft<sup>2</sup> of lawn and garden) with 0.135 ac-ft/yr of mitigation water acquired from Trust Water Right No. CS4-01676sb5d@2. 0.064 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700).

Review of the local area hydrogeology suggests that the well would likely capture water that would otherwise discharge to Cle Elum Lake, which discharges into the Cle Elum River and eventually joins the Yakima River.

WTWG Project form

