

## WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral (WBN) Request No. G4-35690 with mitigation from Trust Water Right No. CS4-01467@11sb3a(A)		
APPLICANT NAME	CONTACT NAME	TELEPHONE NO.
Gerald W., Lois D., and Kimberlee R. Lohnes	Jason McCormick	509-607-3513
WATER RIGHT HOLDER'S NAME (if different)		EMAIL
Washington Water Trust Masterson		jason@washingtonwatertrust.org

DATE OF APPLICATION	PRIORITY DATE
5/1/2014	

WATER SOURCE:	CROP:
Well (Not Yet Drilled)	Noncommercial Lawn and Garden
INSTANTANEOUS QUANTITY:	ANNUAL QUANTITY:
TBD	0.414 acre-feet/year (afy)
PERIOD OF USE:	
Continuous for a single domestic and seasonal irrigation for 500 sq feet of lawn and garden	
PLACE OF USE:	PURPOSE OF USE:
Parcel No. 218936 located within the SE $\frac{1}{4}$ of Section 21, T. 20 N., R. 14 E.W.M.	Single Domestic

<p>CONSUMPTIVE USE CALCULATION:</p> <p><b>Indoor use:</b> One residential connection at <b>350 gallons per day (gpd)</b> used continuously year round equates to 0.392 afy of water use. Consistent with WAC 173-539A-050(3), 30% of domestic in-house use on a septic system is consumptively used, therefore:</p> <p><b>Indoor consumptive use = 0.118 afy</b></p> <p><b>Outdoor use:</b> The requestor proposes to irrigate <b>500 ft<sup>2</sup></b> of lawn and garden. Using a crop irrigation requirement of 18.11 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 0.022 afy. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so:</p> <p><b>Outdoor consumptive use = 0.019 afy</b></p> <p><b>CU for the project totals to 0.137 afy</b></p> <p><b>(CU April 1 to August 31 is 0.065 ac-ft and CU Sept 1 to March 31 is 0.072 ac-ft)</b></p>
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<p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>The requestor proposes to offset the 0.137 afy of consumptive use for the project (One residential connection and 500 ft<sup>2</sup> of lawn and garden) with 0.137 afy of mitigation water acquired from Trust Water Right No. CS4-01467@11sb3a(A). During the irrigation season, 0.072 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700)</p>
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and released between September 1 and March 31 to address out-of-season impacts along the Yakima River.

Review of the local area hydrogeology suggests that the proposed groundwater withdrawals under G4-35690 may result in flow impacts to the Yakima River.

WTWG Project form

**Location Map for G4-35690**

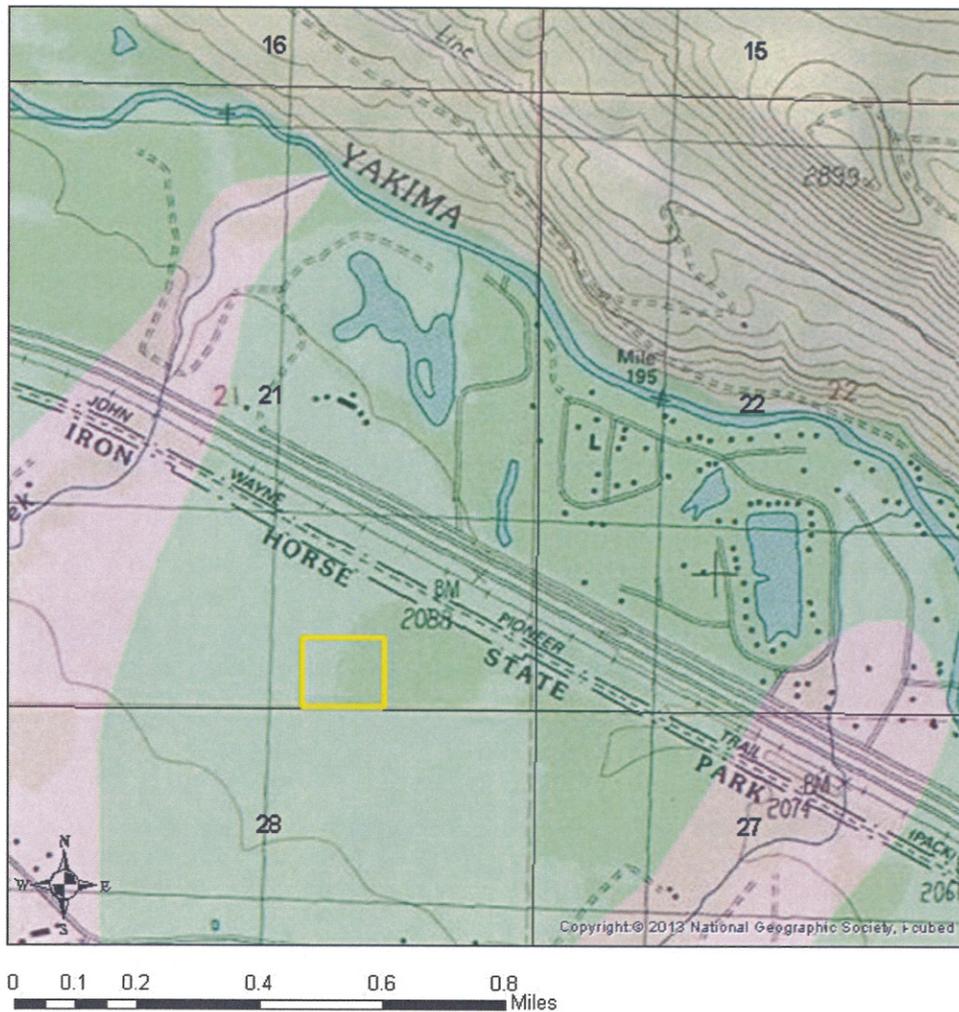


Figure 1: Location of the POU for the G4-35690 WBN request.