

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral (WBN) Request No. G4-35672 with mitigation from Trust Water Right No. CS4-01467@11sb3a(A)		
APPLICANT NAME Marc Fournier	CONTACT NAME Jason McCormick	TELEPHONE NO. 509-607-3513
WATER RIGHT HOLDER'S NAME (if different) Washington Water Trust		EMAIL jason@washingtonwatertrust.org

DATE OF APPLICATION 1/31/2014	PRIORITY DATE
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WATER SOURCE: Well (Ecology Well Id ALF-441)	CROP: Noncommercial Lawn and Garden
INSTANTANEOUS QUANTITY: 27 gpm	ANNUAL QUANTITY: 0.435 acre-feet/year (afy)
PERIOD OF USE: Continuous for one domestic unit and seasonal irrigation for 1000 sq feet of lawn and garden	
PLACE OF USE: Parcel No. 949886 located within the NE¼ of Section 27, T. 20 N., R. 16 E.W.M.	PURPOSE OF USE: Single Domestic
IRRIGATION METHOD:	

<p>CONSUMPTIVE USE CALCULATION:</p> <p>Indoor use: One residential connections at 350 gallons per day (gpd) 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: Indoor consumptive use = 0.118 afy</p> <p>Outdoor use: The requestor proposes to irrigate 1000 ft² 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 0.043 afy. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: Outdoor consumptive use = 0.039 afy CU for the project totals to 0.157 afy (CU April 1 to September 15 is 0.089 ac-ft and CU Sept 16 to October 31 is 0.019 ac-ft)</p>
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NARRATIVE DESCRIPTION OF PROJECT: The requestor proposes to offset the 0.157 afy of consumptive use for the project (One

residential connection and 1000 ft² of lawn and garden) with 0.157 ac-ft of mitigation water acquired from Trust Water Right No. CS4-01467@11sb3a(A). During the irrigation season, 0.019 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) and released between September 16 and October 31 to address out-of-season impacts along the Yakima River.

Review of the local area hydrogeology suggests that the proposed groundwater withdrawals under G4-35672 may result in flow impacts to the Teanaway River.

The parcel lies north of the Teanaway River, approximately 2.3 miles upstream of the confluence of the Teanaway and Yakima Rivers. The elevation of the parcel is approximately 100 feet above the elevation of the Teanaway River.

WTWG Project form

Location Map for G4-35672

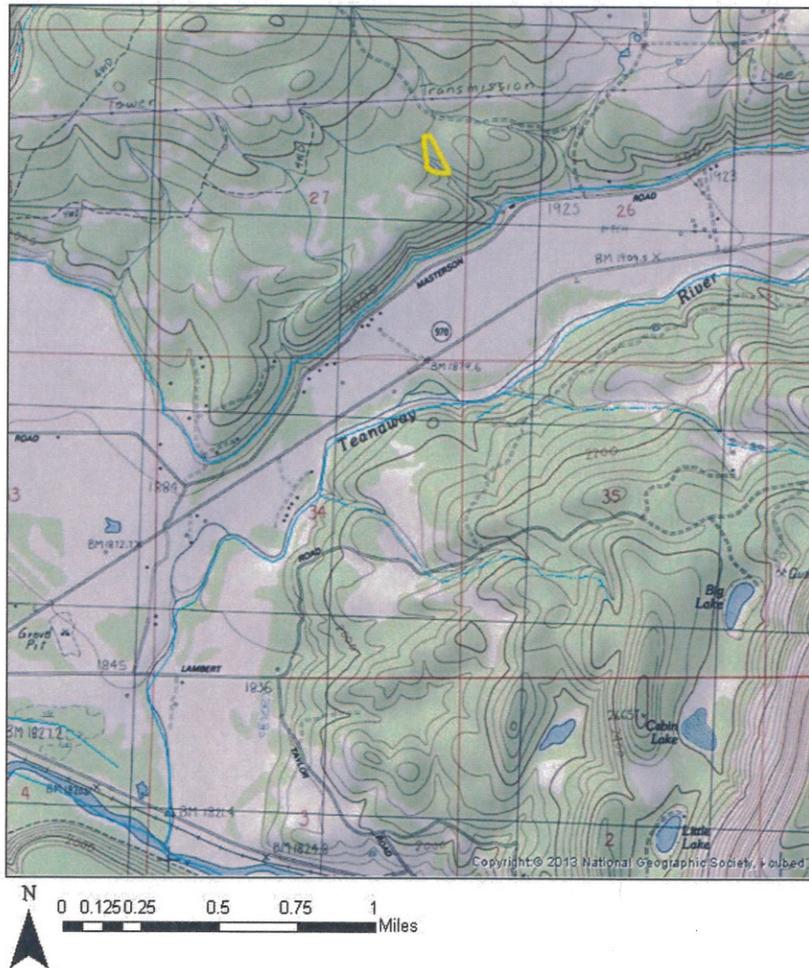


Figure 1: Location of the POU for the G4-35672 WBN request.