

## WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral (WBN) Request No. G4-35621 with mitigation from Trust Water Right No. CS4-01467@11sb3a(A)		
APPLICANT NAME LT Ventures LLC	CONTACT NAME Jason McCormick	TELEPHONE NO. 509 607-3513
WATER RIGHT HOLDER'S NAME (if different) WWT-Masterson		EMAIL Jason@washingtonwatertrust.org

DATE OF APPLICATION 5/16/2013	PRIORITY DATE
----------------------------------	---------------

WATER SOURCE: Well (AFL-441)	CROP: None
INSTANTANEOUS QUANTITY: Click here to enter text.	ANNUAL QUANTITY: 0.827 acre-feet/year (afy)
PERIOD OF USE: Continuous for two domestic homes and seasonal irrigation for 1,000 sq feet of lawn and garden	
PLACE OF USE: Parcel No. 949882 and 949883 located within the NE1/4 of Section 27, T. 20 N., R. 16 E.W.M.	PURPOSE OF USE: Multiple Domestic Irrigation, 1,000 sq feet lawn and garden
IRRIGATION METHOD:	

<p>CONSUMPTIVE USE CALCULATION:</p> <p><b>Indoor use:</b> Two residential connections at <b>350 gallons per day (gpd)</b> used continuously year round equates to 0.784 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: <b>Indoor consumptive use = 0.235 afy</b></p> <p><b>Outdoor use:</b> The requestor proposes to irrigate <b>1,000 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 0.043 afy. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: <b>Outdoor consumptive use = 0.039 afy</b> <b>CU for the project totals to 0.274 afy</b> <b>(CU April 1 to Sept 15 is 0.143 ac-ft and CU Sept 16 to March 31 is 0.131 ac-ft)</b></p>
---

<p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>The requestor proposes to offset the 0.274 afy of consumptive use for the project (two residential connections and 1,000 ft<sup>2</sup> of lawn and garden) with 0.274 afy of mitigation water acquired from Trust Water Right No. CS4-01467@11sb3a(A). During the irrigation season, 0.131 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) and released between September 16 and March 31 to</p>
---

address out-of-season impacts along the Yakima River. To address out-of-season flow impacts to the Teanaway River, \$1,000 (\$500 each for two homes) will be placed into an account to be used for one or more upstream or headwater riparian corridor projects.

Review of the local area hydrogeology suggests that the proposed groundwater withdrawals under G4-35621 may result in flow impacts to the Teanaway River and Yakima River.

Parcels 949882 and 949883 are located within the NE1/4 of Section 27, T. 20 N., R. 16 E.W.M, approximately 3.5 miles east of Cle Elum and one mile north of the Teanaway River.

WTWG Project form

### Location Map for G4-35621

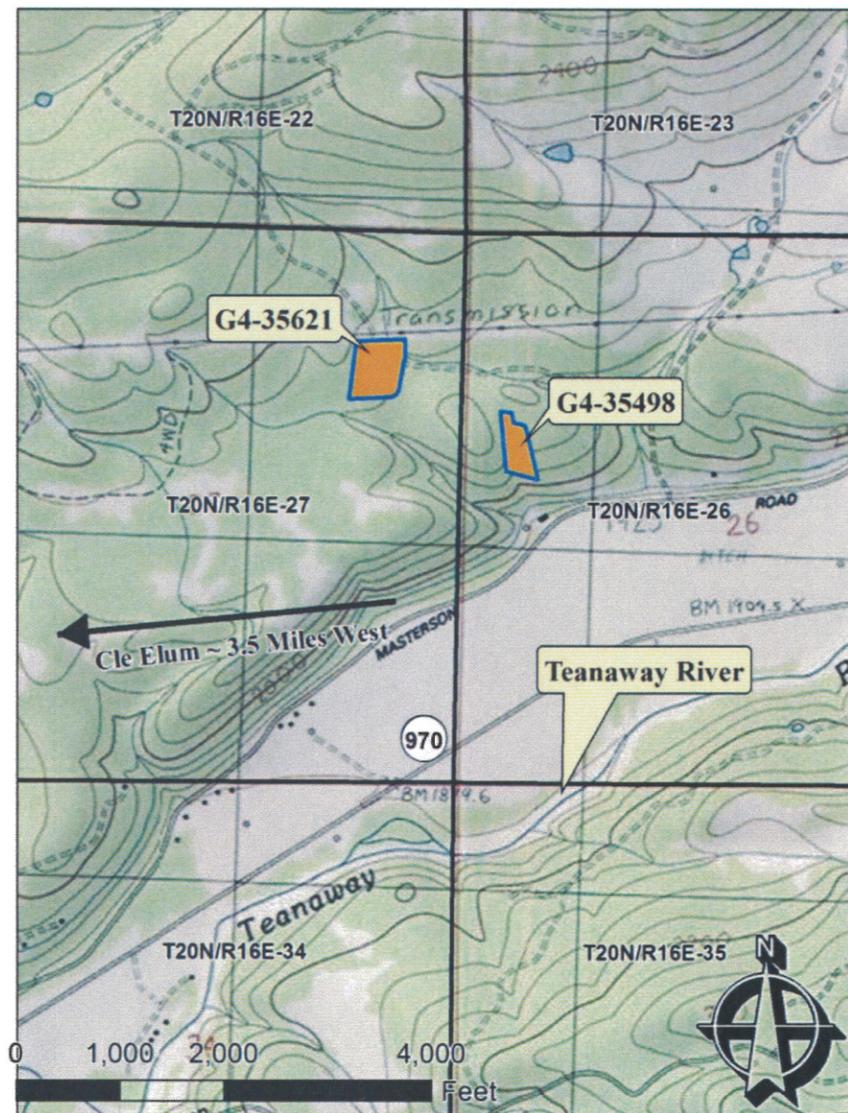


Figure 1: Location of the POU for WBN request G4-35621