

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral (WBN) Request No. G4-35625 with mitigation from Trust Water Right No. S4-05259CTCL@2sb7		
APPLICANT NAME	CONTACT NAME	TELEPHONE NO.
Jennifer Loomis	Jessica Kuchan	206-838-7650
WATER RIGHT HOLDER'S NAME (if different)		EMAIL
Suncadia		mentor@mentorlaw.com

DATE OF APPLICATION	PRIORITY DATE
May 20 th , 2013	

WATER SOURCE:	CROP:
Well (Ecology Tag No. ALF-243)	Lawn or noncommercial garden
INSTANTANEOUS QUANTITY:	ANNUAL QUANTITY:
Not Specified	0.414 acre-feet/year (afy)
PERIOD OF USE:	
Continuous for single indoor domestic connection and seasonal irrigation for 500 sq feet of lawn and garden	
PLACE OF USE:	PURPOSE OF USE:
Parcel No. 951115 located within the SE¼ of Section 1, T. 19 N., R. 14 E.W.M.	Single domestic
IRRIGATION METHOD:	

CONSUMPTIVE USE CALCULATION:

Indoor use: One residential connection 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

Outdoor use: The requestor proposes to irrigate **500 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 0.022 afy
Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so:

Outdoor consumptive use = 0.019 afy

CU for the project totals to 0.137 afy

(CU April 1 to August 31 is 0.065 ac-ft and CU Sept 1 to March 31 is 0.072 ac-ft)

NARRATIVE DESCRIPTION OF PROJECT:

The requestor proposes to offset the 0.137 afy of consumptive use for the project (one residential connection and 500 ft² of lawn and garden) with 0.137 afy of mitigation water acquired from Trust Water Right No. S4-05259CTCL@2sb7. During the irrigation season, 0.072 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) 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 G4-35625 may result in flow impacts to the Yakima River. The subject parcel is located on the NE side of a topographic high between Spex Arth Creek to the East and Peterson/Fowler Creek drainage to the West, approximately 5 miles southwest of Cle Elum.

WTWG Project form

Location Map for G4-35625

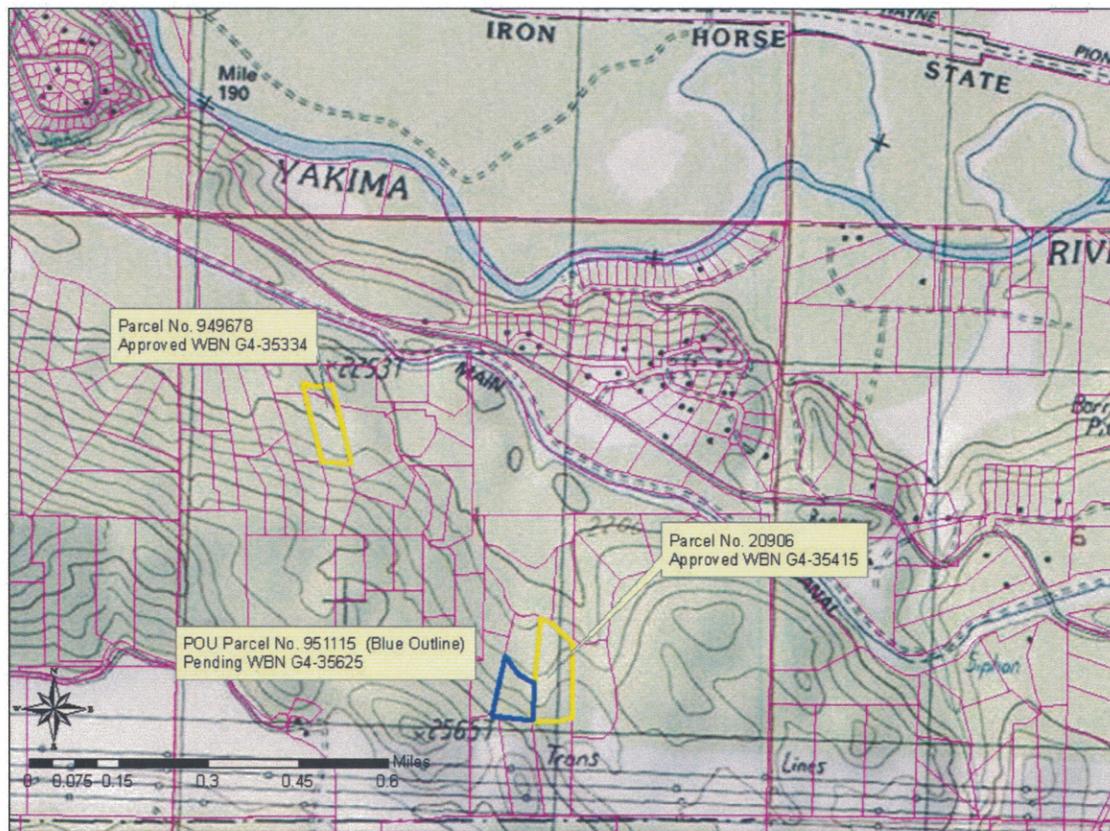


Figure 1: Location of the POU for the Loomis WBN request (blue outline)