

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral (WBN) Request No. G4-35624 with mitigation from Trust Water Right No. CS4-01279sb5c		
APPLICANT NAME	CONTACT NAME	TELEPHONE NO.
Lisa Weis	Anne Watanabe	509-649-5218
WATER RIGHT HOLDER'S NAME (if different)		EMAIL
Yakima Mitigation Services		annew@inlandnet.com

DATE OF APPLICATION	PRIORITY DATE
5/16/2013	

WATER SOURCE:	CROP:
Well (Ecology Tag No. ACX-695 and ACX-696)	None
INSTANTANEOUS QUANTITY:	ANNUAL QUANTITY:
100 gpm	0.560 acre-feet/year (afy)
PERIOD OF USE:	
Continuous for multiple domestic use and seasonal irrigation for 0 sq feet of lawn and garden	
PLACE OF USE:	PURPOSE OF USE:
Parcels No. 957734 and 957735 located within the SW ¹ / ₄ of Section 34, T. 21 N., R. 14 E.W.M.	Multiple Domestic
IRRIGATION METHOD:	

<p>CONSUMPTIVE USE CALCULATION:</p> <p>Indoor use: Two residential connections at 250 gallons per day (gpd) used continuously year round equates to 0.560 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 = 0.168 afy</p> <p>Outdoor use: The requestor proposes to irrigate 0 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 afy. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: Outdoor consumptive use = 0 afy</p> <p>CU for the project totals to 0.168 afy (CU April 1 to August 31 is 0.070 ac-ft and CU Sept 1 to March 31 is 0.098 ac-ft)</p>

<p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>The requestor proposes to offset the 0.168 afy of consumptive use for the project (two residential connections and 0 ft² of lawn and garden) with 0.168 afy of mitigation water acquired from Trust Water Right No. CS4-01279sb5c. During the irrigation season, 0.098</p>

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 G4-35624 may result in flow impacts to Cle Elum Lake.

The subject parcels are located on the on the east side of the southern half of Lake Cle Elum.

WTWG Project form

Location Map for G4-35624

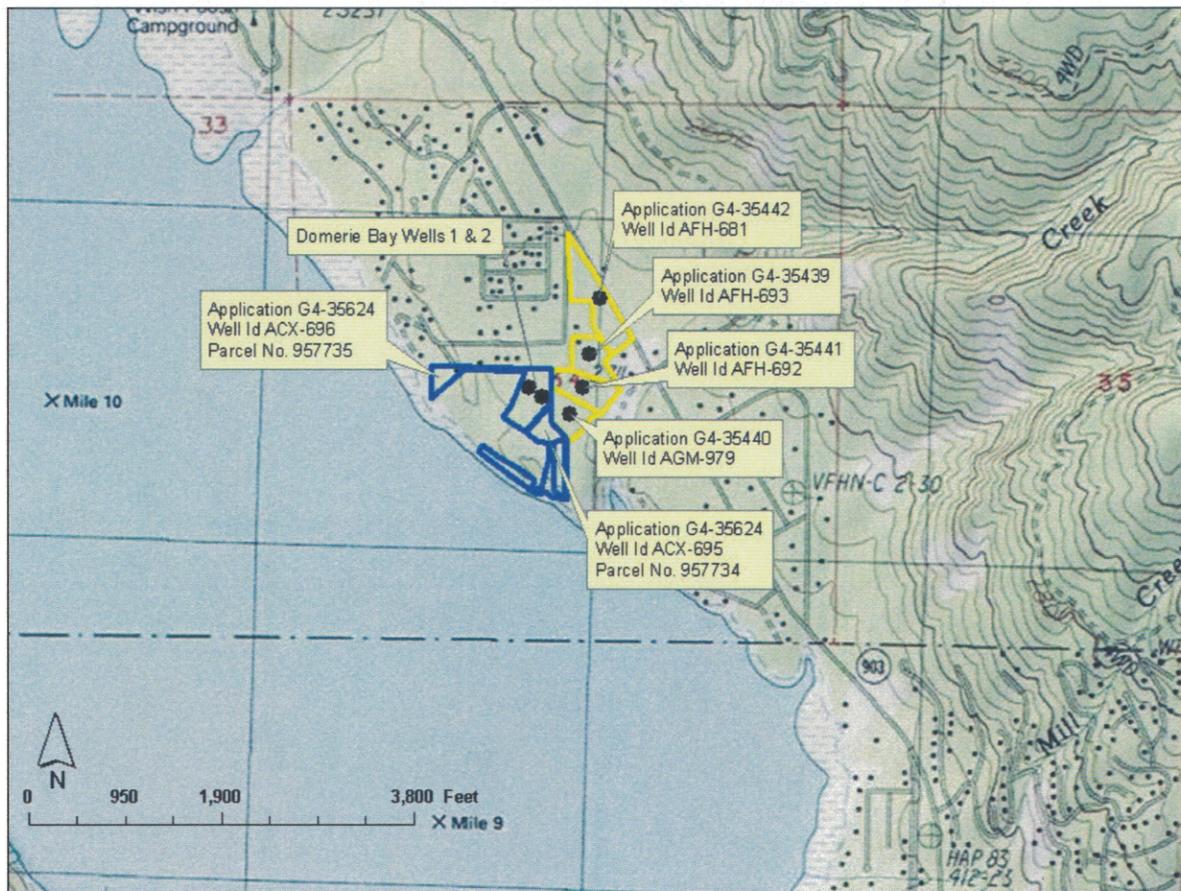


Figure 1: Location of the POU for the Weis WBN request (blue outline)