

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral (WBN) Request No. G4-35720 with mitigation from Trust Water Right No. CS4-0529CTCL@2sb7		
APPLICANT NAME	CONTACT NAME	TELEPHONE NO.
Bushong, Eric and Shelley	Jessica Kuchan	(206) 838-7650
WATER RIGHT HOLDER'S NAME (if different)		EMAIL
New Suncadia, LLC		Kuchan@mentorlaw.com

DATE OF APPLICATION	PRIORITY DATE
10/16/14	

WATER SOURCE:	CROP:
Well to be installed on Parcel No. 795934, in SE ¹ / ₄ NW ¹ / ₄ Section 35, T20N, R14E.	Noncommercial Lawn and Garden
INSTANTANEOUS QUANTITY:	ANNUAL QUANTITY:
Not provided.	0.414 acre-feet/year (afy)
PERIOD OF USE:	
Continuous for a single domestic and seasonal irrigation of lawn and garden.	
PLACE OF USE:	PURPOSE OF USE:
Kittitas County Parcel No. 795934, in SE ¹ / ₄ NW ¹ / ₄ Section 35, T20N, R14E.	Single Domestic Seasonal irrigation, 500 sq ft lawn/garden.
IRRIGATION METHOD:	

CONSUMPTIVE USE CALCULATION:
<p>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</p> <p>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</p>

NARRATIVE DESCRIPTION OF PROJECT:
<p>Parcel No. 795934 is located within the NW¹/₄ of Section 35 in T. 20 N., R. 14 E.W.M. approximately 5 miles west of Cle Elum and South Cle Elum (Figure 1); and approximately 1,700 ft west of the Yakima River.</p> <p>Review of the local area hydrogeology for nearby WBN requests suggests that the proposed groundwater withdrawals under G4-35720 may result in flow impacts to the main stem Yakima River.</p>

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. CS4-0529CTCL@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. In addition to the consumptive use, 0.024 afy of the Trust Water Right will be assigned to be managed within the Trust Water Right Program for instream flow purposes to benefit the Yakima River.

WTWG Project form

Location Map for G4-35720

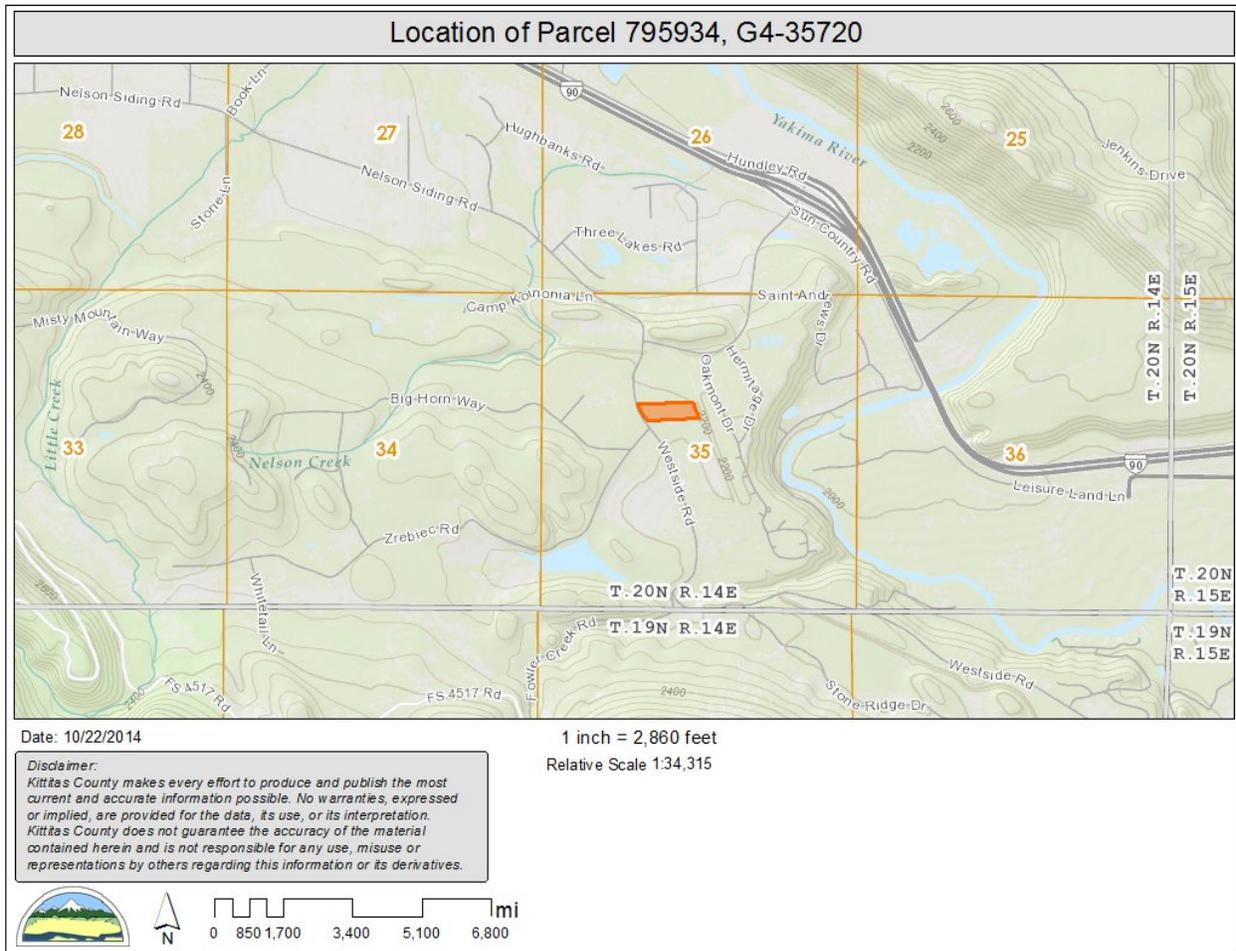


Figure 1: Location of the POU for WBN request G4-35720.