

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

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| APPLICATION NO./COURT CLAIM NO. | | |
| Water Budget Neutral (WBN) Request No. G4-35693 with mitigation from Trust Water Right No. S4-05259CTCL@2sb7 | | |
| APPLICANT NAME Kirsten Morbeck | CONTACT NAME Jessica Kuchan | TELEPHONE NO. 206-838-7650 |
| WATER RIGHT HOLDER'S NAME (if different) Suncadia | | EMAIL kuchan@mentorlaw.com |

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| DATE OF APPLICATION 5/15/2014 | PRIORITY DATE |
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| WATER SOURCE: Well (ACX-696) | CROP: Noncommercial Lawn and Garden |
| INSTANTANEOUS QUANTITY: TBD | ANNUAL QUANTITY: 0.414 acre-feet/year (afy) |
| PERIOD OF USE: Continuous for a single domestic and seasonal irrigation for 500 sq feet of lawn and garden | |
| PLACE OF USE: Parcel No. 15493 located within the SW $\frac{1}{4}$ of Section 34, T. 21 N., R. 14 E.W.M. | PURPOSE OF USE: Single Domestic |
| IRRIGATION METHOD: | |

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| <p>CONSUMPTIVE USE CALCULATION:</p> <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 (CU April 1 to August 31 is 0.065 ac-ft and CU Sept 1 to March 31 is 0.072 ac-ft)</p> |
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| <p>NARRATIVE DESCRIPTION OF PROJECT:</p> <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. S4-05259CTCL@2sb7. During the irrigation</p> |
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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 G4-35693 may result in flow impacts to Cle Elum Lake.

WTWG Project form

Location Map for G4-35693

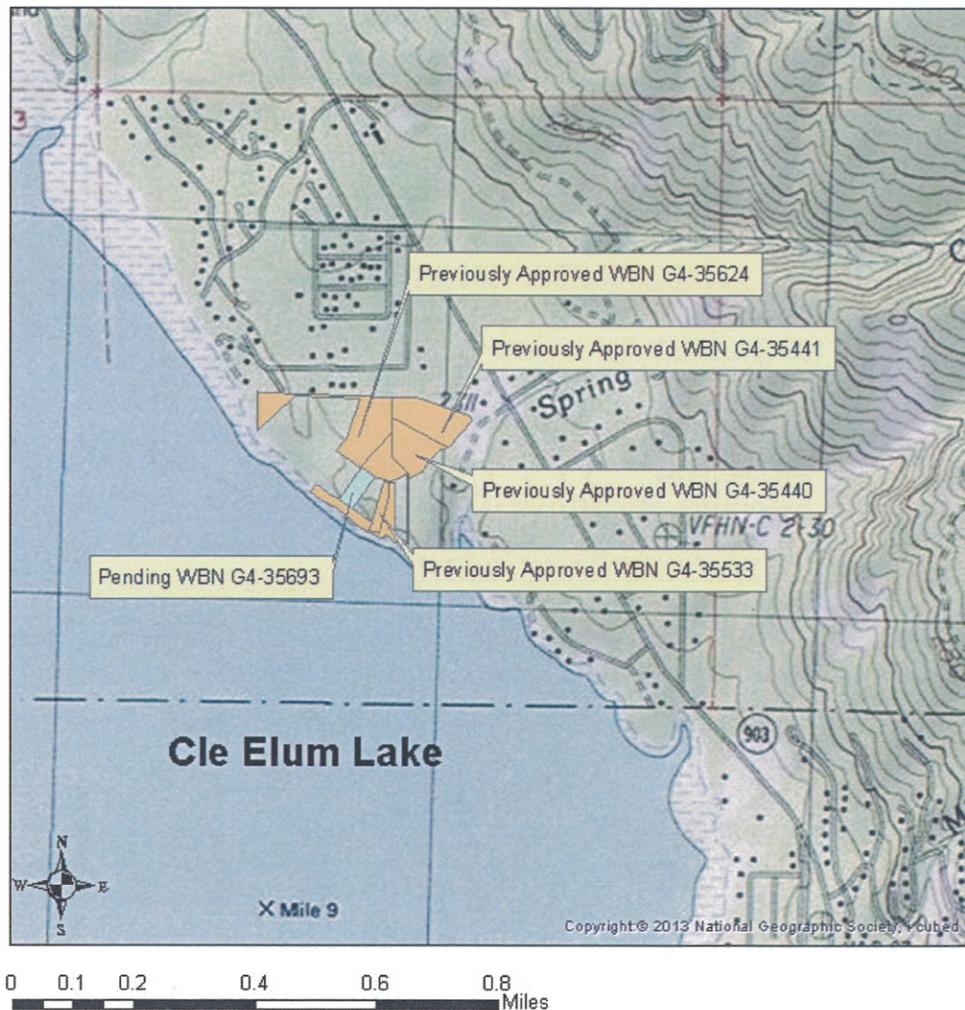


Figure 1: Location of the POU for the G4-35693 WBN request.