

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

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| APPLICATION NO./COURT CLAIM NO. | | |
| Water Budget Neutral (WBN) Request No. G4-35671 with mitigation from Trust Water Right No. S4-05259CTCL@2sb7 | | |
| APPLICANT NAME Alcab Associates | 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: 1/30/2014 | PRIORITY DATE |
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| WATER SOURCE: Well (Not Yet Drilled) | 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. 957912 located within the NW¼ of Section 8, T. 19 N., R. 15 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</p> <p>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 connections 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.</p> |
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Review of the local area hydrogeology suggests that the proposed groundwater withdrawals under G4-35671 may result in flow impacts to the Yakima River.

The subject parcel is located south of the Yakima River, centered between Tillman and Spex Arth Creeks.

WTWG Project form

Location Map for G4-35671



Figure 1: Location of the POU for the G4-35671 WBN request.