

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

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| APPLICATION NO./COURT CLAIM NO. | | |
| Water Budget Neutral (WBN) Request No. G4-35665 with mitigation from Trust Water Right No. CS4-01467@11sb3a(A). | | |
| APPLICANT NAME Elizabeth Murray and Christine Vander Yacht | CONTACT NAME Jason McCormick | TELEPHONE NO. 509-607-3513 |
| WATER RIGHT HOLDER'S NAME (if different) Washington Water Trust | | EMAIL jason@washingtonwatertrust.org |

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| DATE OF APPLICATION 12/17/2013 | PRIORITY DATE |
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| WATER SOURCE: Well (Ecology Well Id ABX-638) | 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. 036036 located within the E½ of Section 26, T. 20 N., R. 16 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 September 15 is 0.072 ac-ft and CU Sept 16 to October 31 is 0.017 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</p> |
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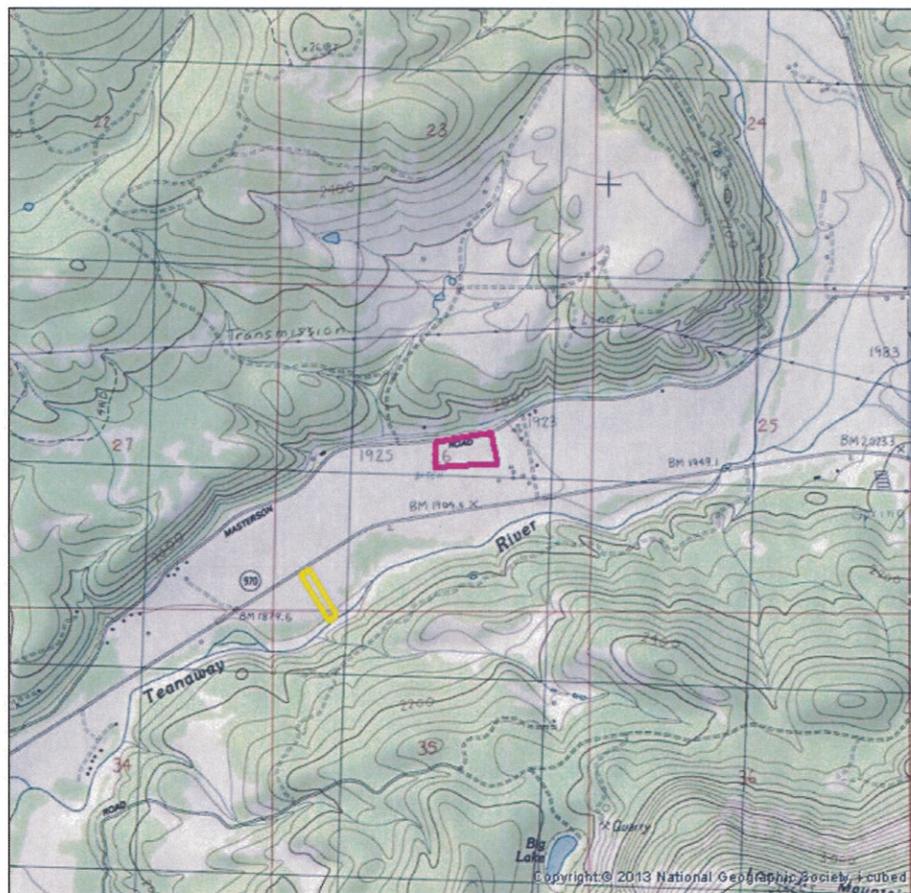
acquired from Trust Water Right No. CS4-01467@11sb3a(A). During the irrigation season, 0.017 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) and released between September 1 and March 31 to address out-of-season impacts along the Yakima River.

Review of the local area hydrogeology suggests that the proposed groundwater withdrawals under G4-35629 may result in flow impacts to the Teanaway River.

The subject parcel is located north of the Teanaway River, in the Teanaway River Valley.

WTWG Project form

Location Map for G4-35665



0 0.15 0.3 0.6 0.9 1.2 Miles

- Pending WBN G4-35665
- Approved WBN G4-35506



Figure 1: Location of the POU for the G4-35665 WBN request.