

## WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

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| APPLICATION NO./COURT CLAIM NO.  |                                |                               |
| Water Budget Neutral (WBN) Request No. G4-35686 with mitigation from Trust Water Right No. CS4-01676sb5d@3 |                                |                               |
| APPLICANT NAME<br>Jeffrey Ledbetter  | CONTACT NAME<br>Jessica Kuchan | TELEPHONE NO.<br>206-838-7650 |
| WATER RIGHT HOLDER'S NAME (if different)<br>Roth-Clennon   |                                | EMAIL<br>kuchan@mentorlaw.com |

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| DATE OF APPLICATION<br>3/24/2014 | PRIORITY DATE |
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| WATER SOURCE:<br>Well (Not yet drilled)  | CROP:<br>Noncommercial Lawn and Garden         |
| INSTANTANEOUS QUANTITY:<br>TBD   | ANNUAL QUANTITY:<br>0.414 acre-feet/year (afy) |
| PERIOD OF USE:<br>Continuous for a single domestic and seasonal irrigation for 500 sq feet of lawn and garden              |  |
| PLACE OF USE:<br>Parcel No. 731536 located within the NW <sup>1</sup> / <sub>4</sub> of Section 18, T. 19 N., R. 16 E.W.M. | PURPOSE OF USE:<br>Single Domestic             |
| IRRIGATION METHOD:   |  |

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| <p>CONSUMPTIVE USE CALCULATION:</p> <p><b>Indoor use:</b> One residential connection at <b>350 gallons per day (gpd)</b> 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:<br/> <b>Indoor consumptive use = 0.118 afy</b></p> <p><b>Outdoor use:</b> The requestor proposes to irrigate <b>500 ft<sup>2</sup></b> of lawn and garden. Using a crop irrigation requirement of 25.42 in/yr (or 2.12 ft/yr) for pasture/turf near Cle Elum and an application efficiency of 80%, the total outdoor irrigation water use is 0.030 afy. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so:<br/> <b>Outdoor consumptive use = 0.027 afy</b></p> <p><b>CU for the project totals to 0.145 afy</b><br/> <b>(CU April 1 to July 31 is 0.056 ac-ft and CU August 1 to March 31 is 0.089 ac-ft)</b></p> |
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| <p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>The requestor proposes to offset the 0.145 afy of consumptive use for the project (One residential connection and 500 ft<sup>2</sup> of lawn and garden) with 0.145 afy of mitigation water acquired from Trust Water Right No. CS4-01676sb5d@3. During the irrigation season, 0.089 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No.</p> |
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09XX101700) and released between August 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 G4-35686 may result in flow impacts to the Yakima River.

WTWG Project form

### Location Map for G4-35686

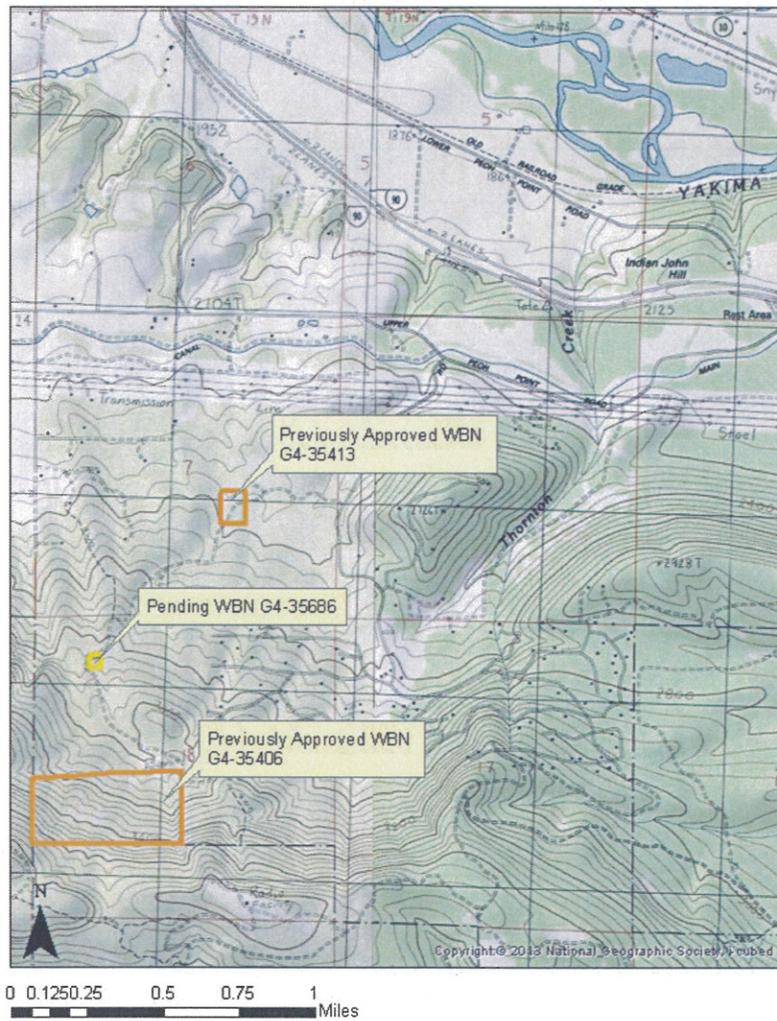


Figure 1: Location of the POU for the G4-35686 WBN request.