

## WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

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| APPLICATION NO./COURT CLAIM NO.   |                                |                               |
| Water Budget Neutral (WBN) Request No. G4-35668 with mitigation from Trust Water Right No. CS4-01676sb5d@2. |                                |                               |
| APPLICANT NAME<br>Earl Delcomyn   | CONTACT NAME<br>Jill Van Hulle | TELEPHONE NO.<br>360-413-1510 |
| WATER RIGHT HOLDER'S NAME (if different)<br>Roth-Clennon  |                                | EMAIL<br>jill@pgwg.com        |

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| DATE OF APPLICATION<br>1/22/2014 | PRIORITY DATE |
|----------------------------------|---------------|

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| WATER SOURCE:<br>Well (Ecology Well Id AKW-682)   | CROP:<br>Noncommercial Lawn and Garden         |
| INSTANTANEOUS QUANTITY:<br>0.57 gpm   | 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. 952847 located within the SE¼ NE¼ of Section 25, T. 20 N., R. 15 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 23.53 in/yr (or 1.96 ft/yr) for pasture/turf near Cle Elum and an application efficiency of 80%, the total outdoor irrigation water use is 0.028 afy. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so:<br/> <b>Outdoor consumptive use = 0.025 afy</b><br/> <b>CU for the project totals to 0.143 afy</b><br/> <b>(CU April 1 to July 31 is 0.055 ac-ft and CU August 1 to April 30 is 0.088 ac-ft)</b></p> |
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| <p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>The requestor proposes to offset the 0.143 afy of consumptive use for the project (One residential connection and 500 ft<sup>2</sup> of lawn and garden) with 0.143 afy of mitigation water acquired from Trust Water Right No. CS4-01676sb5d@2. During the irrigation season,</p> |
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0.088 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 G4-35668 may result in flow impacts to the Yakima River.

The subject parcel is located northeast of the City of Cle Elum.

WTWG Project form

### Location Map for G4-35668

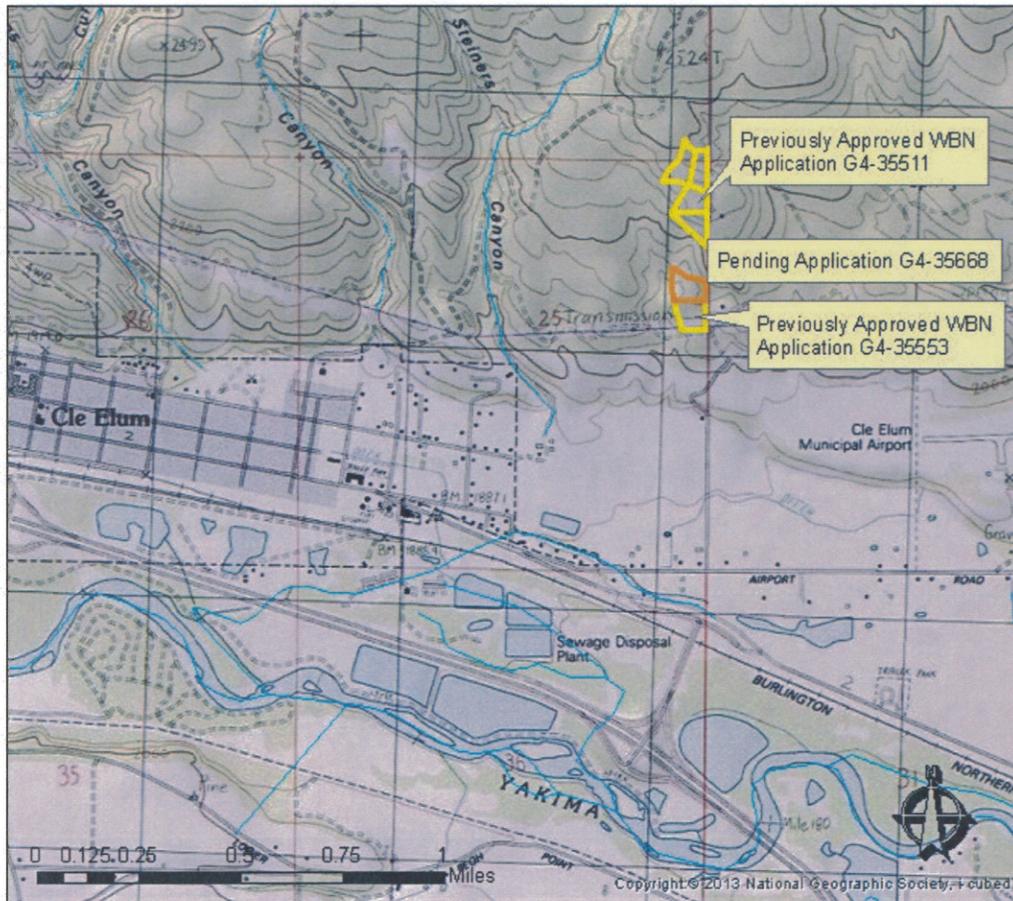


Figure 1: Location of the POU for the G4-35668 WBN request.