

**WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION**

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| APPLICATION NO./COURT CLAIM NO.   |                           |   |
| Water Budget Neutral Request No. G4-35939 with mitigation from Trust Water Right No. CS4-02255(A)CTCL |                           |   |
| APPLICANT NAME<br>Daniel Whelan   | CONTACT<br>Jessica Kuchan | CONTACT'S TELEPHONE NO<br>206-838-7650  |
| WATER RIGHT HOLDER'S NAME (if different)<br>New Suncadia  |                           | CONTACT'S EMAIL<br>kuchan@mentorlaw.com |

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| DATE OF APPLICATION<br>June 09, 2017 |
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| WATER SOURCE:<br>Well   | CROP:<br>Lawn and\or noncommercial garden   |
| INSTANTANEOUS QUANTITY:<br>TBD  | ANNUAL QUANTITY:<br>0.415 ac-ft/yr  |
| PERIOD OF USE:<br>Continuous for 1 domestic connection and season irrigation for lawn and\or garden |   |
| PLACE OF USE:<br>Parcel No. 949689, located within the SE¼ of Section 9, T. 21 N., R. 14 E.W.M.     | PURPOSE OF USE:<br>Domestic and irrigation of 500 square feet of lawn and\or garden |

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| <p>CONSUMPTIVE USE CALCULATION:</p> <p><b>Indoor use:</b> 1 residential connection at 350 gallons per day (gpd) used continuously year round equates to 0.392 ac-ft/yr of water use, or:<br/>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 (CU) = 0.118 ac-ft/yr</b></p> <p><b>Outdoor use:</b> The requestor proposes to irrigate 500 ft<sup>2</sup> of lawn and/or garden. Using a crop irrigation requirement of 19.11 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 0.023 ac-ft/yr.<br/>Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so:<br/><b>Outdoor consumptive use = 0.021 ac-ft/yr</b></p> <p><b>Total consumptive use = 0.138 ac-ft/yr</b></p> <p><b>Contract water = 0.072 ac-ft/yr for the period September 1 to March 31</b></p> |
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NARRATIVE DESCRIPTION OF PROJECT:

The subject parcel is located between Morgan and Dry Creek just above Lake Cle Elum in the SE¼ Section 9, T. 21 N., R. 14 E.W.M. The subject well is located within the “yellow” suitability area under the New Suncadia water bank (Trust Water Right CS4-02255(A)).

The requestor proposes to offset the 0.138 ac-ft/yr of consumptive use for the project (1 residential connection and 500 ft<sup>2</sup> of lawn and garden) with 0.138 ac-ft/yr of mitigation water acquired from Trust Water Right No. CS4-02255(A)CTCL. 0.072 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700).

Review of the local area hydrogeology suggests that the proposed well will capture water that would otherwise discharge to Cle Elum Lake.

WTWG Project form

**Location of G4-35939**

