

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35805 with mitigation from Trust Water Right No. S4-05259CTCL@2sb7		
APPLICANT NAME Michael McCaslin & Jeanna Cameron	CONTACT Jessica Kuchan	CONTACT'S TELEPHONE NO 206-838-7650
WATER RIGHT HOLDER'S NAME (if different) New Suncadia		CONTACT'S EMAIL kuchan@mentorlaw.com

DATE OF APPLICATION November 17, 2015
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WATER SOURCE: 1 Proposed Well	CROP: Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: 4.48 gpm	ANNUAL QUANTITY: 0.414 ac-ft/yr
PERIOD OF USE: Continuous for 1 domestic connection and season irrigation for lawn and/or garden	
PLACE OF USE: Parcel No. 19158, located within the S½ of Section 23, T. 20 N., R. 15 E.W.M.	PURPOSE OF USE: Domestic and irrigation of 500 square feet of lawn and/or garden

<p>CONSUMPTIVE USE CALCULATION:</p> <p>Indoor use: 1 residential connection at 350 gallons per day (gpd) used continuously year round equates to 0.392 ac-ft/yr of water use, or: Consistent with WAC 173-539A-050(3), 30% of domestic in-house use on a septic system is consumptively used, therefore: Indoor consumptive use (CU) = 0.118 ac-ft/yr</p> <p>Outdoor use: The requestor proposes to irrigate 500 ft² of lawn and/or garden. Using a crop irrigation requirement of 18.10 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 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: Outdoor consumptive use = 0.019 ac-ft/yr</p> <p>Total consumptive use = 0.137 ac-ft/yr</p> <p>Contract water = 0.072 ac-ft/yr for the period September 1 to March 31</p>

NARRATIVE DESCRIPTION OF PROJECT:

The project is located within Curry Canyon and is approximately .5 mile north of Cle Elum in a “yellow” area as noted in the current Suncadia Trust Water Right.

The requestor proposes to offset the 0.137 ac-ft/yr of consumptive use for the project (1 residential connection and 500 ft² of lawn and garden) with 0.161 ac-ft/yr of mitigation water acquired from Trust Water Right NoS4-05259CTCL@2sb7.

0.072 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700). In addition to the consumptive use of the project, Ecology will assign 0.024 ac-ft of the Trust Water Right to be managed within the Trust Water Right Program for instream flow purposes to benefit the Yakima River.

Review of the local area hydrogeology suggests that groundwater withdrawals will capture water from that would ultimately discharge to the Yakima River. Additionally, withdrawals under this request may also impact the nearby unnamed intermittent creeks associated with Greens and Curry Canyons, which pass through the POU.



