

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Water Budget Neutral Request No. G4-35977 with mitigation from Trust Water Right No. CS4-YRB03CC02255@1		
APPLICANT NAME Mark Lamon	CONTACT Jessica Kuchan	CONTACT'S TELEPHONE NO 206-838-7650
WATER RIGHT HOLDER'S NAME (if different) New Suncadia (Teaway River)		CONTACT'S EMAIL kuchan@mentorlaw.com

DATE OF APPLICATION December 11, 2017
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WATER SOURCE: Well (to be drilled)	CROP: Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: TBD	ANNUAL QUANTITY: 0.330 ac-ft/yr
PERIOD OF USE: Continuous for 1 domestic connection and season irrigation for lawn and/or garden	
PLACE OF USE: Parcel No.412534, located within the W½NW¼ of Section 10, T. 20 N., R. 14 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 275 gallons per day (gpd) used continuously year round equates to 0.308 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 = 0.092 ac-ft/yr.</p> <p>Outdoor Use: The requestor/applicant 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 0.022 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, therefore: outdoor consumptive use = 0.019 ac-ft/yr</p> <p>Total Consumptive Use: 0.112 ac-ft/yr</p> <p>Exchange Contract Water: 0.057 ac-ft/yr for the period September 1 to March 31</p>

NARRATIVE DESCRIPTION OF PROJECT:

The subject parcel is located on the Northeastern slope of Easton Ridge to the SW of Lake Cle Elem in the W $\frac{1}{2}$ NW $\frac{1}{4}$ of Section 10 T. 20 N., R. 14 E.W.M. The proposed well is located within the “yellow” suitability area under the New Suncadia Teanaway water bank (Trust Water Right CS4-02255(A)CTCL).

The requestor/applicant proposes to offset the 0.112 ac-ft/yr of consumptive use for the project (1 residential connection and 500 ft² of lawn and garden) with 0.112 ac-ft/yr of mitigation from Trust Water Right No. CS4-YRB03CC02255@1. Ecology will assign 0.057 ac-ft/yr to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) to address impacts to the Yakima and Cle Elum Rivers.

Review of the local area hydrogeology suggests that the proposed well would likely capture water that would otherwise discharge to Cle Elum Lake, and the Cle Elum River and may capture water from Domerie Creek.

WTWG Project form

