

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35891 with mitigation from Trust Water Right No. CS4-02255(A)CTCL		
APPLICANT NAME Ellen & Michael Steinberg	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 November 22, 2016
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WATER SOURCE: Well	CROP: Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: TBD	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 Nos. 954676, 954768, and 954769 located within the N½ Section 8 of T. 19 N., R. 16 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 0.022 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 = 0.065 ac-ft/yr for the period September 16 to March 31</p>
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NARRATIVE DESCRIPTION OF PROJECT:

The subject parcels are located just to the east of Thornton Creek in the N½ Section 8 of T. 19 N., R. 16 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 0.137 ac-ft/yr of consumptive use for the project (1 residential connection and 500 ft² of lawn and garden) with 0.137 ac-ft/yr of mitigation water acquired from Trust Water Right No. CS4-02255(A)CTCL. 0.065 ac-ft will be 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 the Yakima River, and may capture water from Thornton Creek.

WTWG Project form

Location of G4-35891

