

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35949 with mitigation from Trust Water Right No. CS4-01968sb11a(Bb)		
APPLICANT NAME Raymond Thayer	CONTACT Erin Moore	CONTACT'S TELEPHONE NO 509-962-7698
WATER RIGHT HOLDER'S NAME (if different) Kittitas County (Amerivest)		CONTACT'S EMAIL Erin.moore@co.kittitas.wa.gov

DATE OF APPLICATION July 31, 2017

WATER SOURCE: Well	CROP: Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: TBD	ANNUAL QUANTITY: 0.346 ac-ft/yr
PERIOD OF USE: Continuous for 1 domestic connection and season irrigation for lawn and/or garden	
PLACE OF USE: Parcel No. 15590, located within the E $\frac{1}{2}$, NW $\frac{1}{4}$ of Section 27, T. 17 N., R. 18 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 (CU) = 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 31.45 in/yr (or 1.51 ft/yr) for pasture/turf near Ellensburg from the Washington Irrigation Guide and an application efficiency of 80%, the total outdoor irrigation water use is 0.038 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, therefore: outdoor consumptive use = 0.034 ac-ft/yr.</p> <p>Total Consumptive Use = 0.126 ac-ft/yr</p>

NARRATIVE DESCRIPTION OF PROJECT:

The project is located approximately 1.8 miles from the Yakima River near an unnamed creek in a “Yellow” area as noted on Ecology’s current Mitigation Suitability Map (see attached map).

In addition to the consumptive use of the project, Ecology will assign 0.126 ac-ft of the Trust Water Right to be managed within the Trust Water Right Program for instream flow benefit to the Yakima River.

Review of the local area hydrogeology suggests that the requested withdrawals will impact the Yakima River. The proposed withdrawals are not anticipated to result in severe pumping interference or adverse impacts to existing water users.

WTWG Project form

Location of G4-35949

