

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Water Budget Neutral Request No. G4-36008 with mitigation from Trust Water Right No. CS4-01968sb11a(Bb)		
APPLICANT NAME Phil Cardwell	CONTACT Erin Moore	CONTACT'S TELEPHONE NO 509-962-7698
WATER RIGHT HOLDER'S NAME (if different) Kittitas County (Amerinvest)		CONTACT'S EMAIL Erin.moore@co.kittitas.wa.us

DATE OF APPLICATION June 14, 2018

WATER SOURCE: Proposed 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. 959798, located within the SE ¹ / ₄ , NE ¹ / ₄ of Section 33, T. 18 N., R. 20 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> <p>Exchange Contract Water = N/A</p>

NARRATIVE DESCRIPTION OF PROJECT:

The project is located approximately 0.12 miles from Park creek in a “Red” area as noted on Ecology’s current Mitigation Suitability Map (see attached map).

The requestor/applicant proposes to offset the 0.126 ac-ft/yr of consumptive use for the project (1 residential connection and 500 ft² of lawn and garden) with 0.126 ac-ft/yr of mitigation from Trust Water Right No. CS4-01968sb11a(Bb).

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

Location of G4-36008

