

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35786 with mitigation from Trust Water Right No. CS4-02316sb8(a1)		
APPLICANT NAME R&R Heights Land Company Inc	CONTACT Jessica Berry	CONTACT'S TELEPHONE NO. 509-649-5271
WATER RIGHT HOLDER'S NAME (if different) Yakima Mitigation Services (Crushe LLC)		CONTACT'S EMAIL water@inlandnet.com

DATE OF APPLICATION August 26, 2015
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WATER SOURCE: 1 Existing Well Previously Authorized under G4-35645P	CROP: Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: 13.44 gpm 350 gpd X 3 connections	ANNUAL QUANTITY: 1.238 ac-ft/yr
PERIOD OF USE: Continuous for 3 domestic connections and season irrigation for lawn and/or garden	
PLACE OF USE: Parcel Nos.17636, 17637, and 17638, located within the SW ¹ / ₄ NE ¹ / ₄ of Section 18, T. 20 N., R. 15 E.W.M.	PURPOSE OF USE: Domestic and irrigation of 1,500 square feet of lawn and/or garden

<p>CONSUMPTIVE USE CALCULATION:</p> <p>Indoor use: 3 residential connections at 350 gallons per day (gpd) used continuously year round equates to 1.176 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) = 0.353 ac-ft/yr</p> <p>Outdoor use: The requestor proposes to irrigate 1,500 ft² of lawn and/or garden. Using a crop irrigation requirement of 18.11 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 0.061 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: Outdoor consumptive use = 0.055 ac-ft/yr</p> <p>Total consumptive use = 0.408 ac-ft/yr</p> <p>Contract water = 0.215 ac-ft/yr for the period September 1 to March 31</p>
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NARRATIVE DESCRIPTION OF PROJECT:

The project is located parallel to State Route 903, approximately 0.3 miles west of Roslyn and approximately 0.3 miles east of Ronald in a “yellow” area as noted in the current Yakima Mitigation Services (Crushe LLC) Trust Water Right.

The requestor proposes to offset the 0.408 ac-ft/yr of consumptive use for the project (3 residential connections and 1,500 ft² of lawn and garden) with 0.480 ac-ft/yr of mitigation water acquired from Trust Water Right NoCS4-02316sb8(a1).

0.215 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 0.072 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 the proposed well for use under request G4-35786 may capture water from that would otherwise discharge to the Cle Elum River.

Location of G4-35786 (R & R Heights)

