

**WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION**

APPLICATION NO./COURT CLAIM NO.		
Water Right Application No. G4-33205 with mitigation from Union Gap Irrigation District		
APPLICANT NAME BM Gap LLC	CONTACT Mathew Haak	CONTACT'S TELEPHONE NO 509-895-1265
WATER RIGHT HOLDER'S NAME (if different) Union Gap Irrigation District		CONTACT'S EMAIL matt@priceapples.com

DATE OF APPLICATION March 21, 2018
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WATER SOURCE: 10" Well located in N½ NE¼ of Section 21, T. 12 N., R. 19 E.W.M., Yakima County	CROP: Orchard
INSTANTANEOUS QUANTITY: 500 GPM	ANNUAL QUANTITY: Less than 400 ac-ft/yr
PERIOD OF USE: During the irrigation season, from January 1, 2019 to December 31, 2020.	
PLACE OF USE: Parcel Nos. 1912211301, 19122114001, 19122141402, and 19122142001, all located within Section 21, T. 12 N., R. 19 E.W.M.	PURPOSE OF USE: Irrigation of 100.1 acres

CONSUMPTIVE USE CALCULATION: <b>Outdoor Use:</b> The requestor/applicant proposes to irrigate 100.1 acres of orchard. Of that orchard 94.1 acres are in apples with cover and the additional 6 acres are pears with cover. Using a crop irrigation requirement of 42.42 in/yr (or 3.535 ft/yr) for apples with cover near Yakima and 39.25 in/yr (or 3.27 ft/yr) for pear & plum with cover from the Washington Irrigation Guide and an application efficiency of 75%, the total outdoor irrigation water use is 469.69 ac-ft/yr. Consistent with Ecology Guidance 1210, 85% of outdoor use is consumptively used, therefore: <b>outdoor consumptive use = 399.23 ac-ft/yr.</b>
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NARRATIVE DESCRIPTION OF PROJECT:

The project area is located south of Rattlesnake Ridge. The property is historically irrigated using Union Gap Irrigation District (UGID) water but because of the slow moving landside, the UGID cannot serve this property at this time. UGID is trying to find solutions to get water to all of their customers, including the applicant. This application is to allow the applicant to irrigate their orchard if UGID cannot get water to them by the beginning of the 2019 irrigation season. If UGID can deliver water to the property then the applicant will not use the well.

The applicant proposes to offset the 399.23 ac-ft of consumptive use for the project by leaving their UGID shares instream.

Ecology's technical unit reviewed the proposed project and in their report said "Overall, withdrawals from the proposed pumping of well would result in impacts that would not impair neighboring groundwater users."

**Location of G4-33205**

