

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Water Budget Neutral Request No. G4-35705 with mitigation from Trust Water Right No. S4-05259CTCL@2sb7		
APPLICANT NAME Easton Farms LLC	CONTACT Jessica Kuchan	CONTACT'S TELEPHONE NO (206) 838-7650
WATER RIGHT HOLDER'S NAME (if different) New Suncadia		CONTACT'S EMAIL kuchan@mentorlaw.com

DATE OF APPLICATION June 24, 2014	PRIORITY DATE October 30, 1884
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WATER SOURCE: 3 Wells	CROP: A mixture of lavender, grapes, cherries, and raspberries
INSTANTANEOUS QUANTITY: 26.28	ANNUAL QUANTITY: 3.45 acre-ft/yr
PERIOD OF USE: Continuous for 1 domestic connection and season irrigation.	
PLACE OF USE: Parcel Nos. 18474, (492836*), 17758, (472836*), and 710836, located within the SE¼, of Section 04, and within the NW¼ and the SW¼ of Section 3, T. 20 N., R. 13 E.W.M. *Must be sold together.	PURPOSE OF USE: Domestic and irrigation of 61,332 square feet of lavender, grapes, cherries, and raspberries.
IRRIGATION METHOD:	

<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 61,332 ft² of mixed crops. Using a crop irrigation requirement of 18.29 in/yr for cherries without cover near Cle Elem from the Washington Irrigation Guide and an application efficiency of 70%, the total outdoor irrigation water use is 3.066 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: Outdoor consumptive use = 2.759 ac-ft/yr</p> <p>Consumptive use for the project totals to 2.877 ac-ft/yr (CU for the period of April 1 to August 31 is 2.315 ac-ft and CU for the period September 1 to March 31 is 0.562 ac-ft)</p>

NARRATIVE DESCRIPTION OF PROJECT:

The requestor proposes to offset the 2.877 ac-ft/yr of consumptive use for the project (1 residential connection and 61,332 ft² of mixed crops) with 3.064 ac-ft/yr of mitigation water acquired from Trust Water Right No S4-05259CTCL@2sb7. 0.562 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) to address out of season impacts along the Yakima River.

The proposed wells are to be located in Parcel Nos. 17758, 18474, or 710836. The proposed well for the new use is to be located in an area that needed additional information (“yellow area”) to determine the suitability of the Suncadia Trust Water Rights for use as mitigation to offset the new use. Review of the local area hydrogeology suggests that withdrawals from the parcels may impact the Yakima River. Copies of the Draft Hydrogeology Memo for the subject water budget neutral request are available on request from Ecology.

Place of Use for G4-35705

