

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35753 with mitigation from Trust Water Right No. CS4-02316sb8(a1)		
APPLICANT NAME	CONTACT	CONTACT'S TELEPHONE NO
James Hutchings	Anne Watanabe	509-649-5218
WATER RIGHT HOLDER'S NAME (if different)		CONTACT'S EMAIL
Yakima Mitigation Services		annew@inlandnet.com

DATE OF APPLICATION	PRIORITY DATE
April 14, 2015	

WATER SOURCE: Well (Ecology Tag ID No. AEM678)	CROP: Lawn and\or noncommercial garden
INSTANTANEOUS QUANTITY:	ANNUAL QUANTITY: 0.414 acre-ft/yr
PERIOD OF USE: Continuous for 1 domestic connection and season irrigation for lawn and\or garden	
PLACE OF USE: Parcel No.954862, located within the NW $\frac{1}{4}$ SE $\frac{1}{4}$ and SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 07, T. 19 N., R. 16 E.W.M.	PURPOSE OF USE: Domestic and irrigation of 500 square feet of lawn and\or garden
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 500 ft² of lawn and\or garden. Using a crop irrigation requirement of 18.10 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 0.022 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: Outdoor consumptive use = 0.019 ac-ft/yr</p> <p>Consumptive use for the project totals to 0.137 ac-ft/yr (CU for the period of April 1 to August 31 is 0.065 ac-ft and CU for the period September 1 to March 31 is 0.072 ac-ft)</p>

NARRATIVE DESCRIPTION OF PROJECT:

The project is located east of Peoh Point, approximately 3 miles southeast of the city of Cle Elum. The subject parcel is situated at an elevation of approximately 2,360 feet above mean sea level along the north face of South Cle Elum Ridge. The Hutchings lot lies within a “yellow” suitability area. Ecology has approved several Water Budget Neutral requests near the G4-35753 project (See map).

Review of local topography, geologic mapping, available well logs, and location of surface water bodies suggest that withdraws under G4-35753, will more likely than not, capture water that would ultimately discharge to the Yakima River. No tributary flow impacts are anticipated.

The requestor proposes to offset the 0.137 afy of consumptive use for the project (one residential connection and seasonal irrigation) with 0.137 afy of mitigation water acquired from Trust Water Right No. CS4-02316sb8(a1).

Ecology intends to assign the 0.072 afy (equivalent to the September 1 – March 31 consumptive use) to the USBR-Ecology Water Exchange Contract (Contract No. 09XX101700) for purposes of addressing flow impacts to the Yakima River. Additionally, Ecology plans to assign 0.024 afy of the Trust Water Right to be managed with the Trust Water Right Program for instream flow purposes to benefit the Yakima River.

WTWG Project form

