

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral (WBN) Request No. G4-35713 with mitigation from Trust Water Right No. CS4-02316sb8(a1)		
APPLICANT NAME	CONTACT NAME	TELEPHONE NO.
Jon and Peggy Pedefferri	Anne Watanabe	509 649-5218
WATER RIGHT HOLDER'S NAME (if different)		EMAIL
Crushe LLC		anew@inlandnet.com

DATE OF APPLICATION	PRIORITY DATE
August 13 th , 2014	

WATER SOURCE:	CROP:
Existing well located in Parcel 19398	Lawn and/or garden
INSTANTANEOUS QUANTITY:	ANNUAL QUANTITY:
	1.241 acre-feet/year (afy)
PERIOD OF USE:	
Continuous for 3 indoor domestic uses and seasonal for irrigation of lawn and garden.	
PLACE OF USE:	PURPOSE OF USE:
Parcels No. 10140, 19398, and 19399, located within the NE ¹ / ₄ SE ¹ / ₄ Section 5, T. 19 N., R. 15 E.W.M.	Domestic for 3 residential connections and seasonal lawn and garden irrigation.
IRRIGATION METHOD:	

CONSUMPTIVE USE CALCULATION:
Indoor use: Three residential connections at 350 gallons per day (gpd per connection) used continuously equates to 1.176 afy of water use Consistent with WAC 173-539A-050(3), 30% of domestic in-house use on a septic system is consumptively used, therefore: Indoor consumptive use = 0.353 afy
Outdoor use: The requestor proposes to irrigate a total of 1,500 ft² of lawn and garden. Total outdoor use = 0.065 afy. Outdoor consumptive use = 0.058 afy
CU for the project totals to 0.411 afy (CU April 1 to August 31 is 0.195 ac-ft and CU Sept 1 to March 31 is 0.216 ac-ft)

NARRATIVE DESCRIPTION OF PROJECT:
The subject parcel is located in a yellow suitability area in an unnamed basin located approximately 3 miles southwest of Cle Elum. A hydrogeology report was previously prepared for the unnamed basin to support Permit decisions; and for other nearby WBNs. Groundwater likely discharges to the unnamed tributary, and to the Yakima River. Groundwater is available for this request, and the proposed groundwater withdrawals under G4-35713 will result in flow impacts to the unnamed tributaries and to the Yakima River.
The requestor proposes to offset the 0.411 afy of consumptive use for the project (three residential connections and irrigation of 1,500 sq ft lawn and garden) with 0.411 afy of

mitigation water acquired from Trust Water Right No. CS4-02316sb8(a1). Ecology will assign 0.216 afy to the USBR-Ecology Exchange Contract (Contract No. 09XX101700). In addition to the consumptive use, 0.072 afy of the Trust Water Right will be assigned to be managed within the Trust Water Right Program for instream flow purposes to benefit the Yakima River.

WTWG Project form

Location Map for G4-35713

Figure 1: Location of Parcels 10140, 19398, and 19399, for the Pederferri WBN request G4-35713 (center of map) overlain on the USGS topographic map. Locations of several WBN requests and Permits approved within and near the unnamed basin (shown in light blue) are also shown.

