

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35765 with mitigation from Trust Water Right No. CS4-05216sb5a(B)		
APPLICANT NAME	CONTACT NAME	TELEPHONE NO.
Robert & Tiffany Morehouse	Darrin Burchak	509-206-0115
WATER RIGHT HOLDER'S NAME (if different)		EMAIL
Mitigation with Burchak Trust Water Right		

DATE OF APPLICATION	PRIORITY DATE
June 11, 2015	

WATER SOURCE:	CROP:
Well	Lawn or noncommercial garden
INSTANTANEOUS QUANTITY:	ANNUAL QUANTITY:
	0.392 acre-ft/yr (afy)
PERIOD OF USE:	
Continuous for single indoor domestic use,	
PLACE OF USE:	PURPOSE OF USE:
Parcel No. 19669, located within the NE ¹ / ₄ SE ¹ / ₄ of Section 4, T. 19 N., R. 15 E.W.M.	Single domestic
IRRIGATION METHOD:	

CONSUMPTIVE USE CALCULATION:
<p>Indoor use: One residential connection at 350 gallons per day (gpd) used continuously year round equates to 0.392 afy of water use, or: $(350 \text{ gpd per connection}) \times (365 \text{ days}) \times (\text{one connection}) \times (1.0 \text{ ac-ft} / 325,851 \text{ gal}) = 0.392 \text{ afy}$</p> <p>Consistent with WAC 173-539A-050(3), 30% of domestic in-house use on a septic system is consumptively used, therefore: Indoor consumptive use = $(0.392 \text{ afy}) \times (0.30) = \mathbf{0.118 \text{ afy}}$</p> <p>Outdoor use: none</p> <p>Total Use = 0.392 afy</p> <p>Consumptive Use = 0.118 afy</p>

NARRATIVE DESCRIPTION OF PROJECT:
<p>The project is located east of the Tillman Creek basin approximately 3 miles south of Cle Elum in a "yellow" mitigation area.</p> <p>The requestor proposes to offset the 0.118 afy of consumptive use for the project (one residential connection) with 0.118 afy of mitigation water acquired from Trust Water Right No. CS4-05216sb5a(B). During the irrigation season, 0.059 ac-ft will be assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) and released</p>

between October 1 and March 31 to address out-of-season impacts along the Yakima River.

Review of the local area hydrogeology suggests that groundwater use under the subject request will likely result in flow impacts to the Yakima River north of the subject property.

WTWG Project form

Location of G4-35765

