

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. No. G4-35656		
APPLICANT NAME Archie Beddingfield	CONTACT NAME Kelsey Collins	TELEPHONE NO. 509-575-2640
WATER RIGHT HOLDER'S NAME (if different)		EMAIL KESI461@ECY.WA.GOV

DATE OF APPLICATION November 13, 2013	PRIORITY DATE November 13, 2013; mitigated by trust water right with June 30, 1881 priority date
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WATER SOURCE: Groundwater	CROP: Lawn (up to 500 ft ²)
INSTANTANEOUS QUANTITY: TBD	ANNUAL QUANTITY: Domestic - 0.06 acre-feet (consumptive) Irrigation - 0.019 acre-feet (consumptive)
PERIOD OF USE: Continuous – year round	
PLACE OF USE: Kittitas Parcel 390834 SW1/4SW1/4 Section 24, T. 20N R. 14 E.W.M.	PURPOSE OF USE: Single domestic
IRRIGATION METHOD: Sprinkler	

CONSUMPTIVE USE CALCULATION:
Ecology has determined (Ecology 2006) that the average full time/permanent residence with no irrigation uses up to 200 gpd (total use). Assuming 30 percent of total use is consumptive, approximately 0.06 ac-ft/yr (rounding down) would be required to mitigate for indoor use. In addition, per Ecology's consumptive water use calculator, 500 ft² of irrigation is equal to 0.022 afy (total use), or 0.019 ac-ft/yr consumptive use. Therefore, a total of 0.079 ac-ft/yr (consumptive use) would be required to fully mitigate the request.

NARRATIVE DESCRIPTION OF PROJECT:
As directed by Senate Bill 6861, Ecology is providing water banking opportunities for Yakima Basin Cabin Owners with junior claims (post-1905) to purchase senior mitigation credits to offset the consumptive use of water during years of rationing by the US Bureau of Reclamation. Private water banks are also available to some new and/or unauthorized water users when application-specific suitability criteria are met. In these cases, the program allows Ecology to issue new mitigated permits and water budget neutral determinations.

The subject application is to provide water supply to an existing cabin and small garden.

The parcel is on private land located on the bluff above Suncadia, just below Lake Cle Elum. Withdrawal of groundwater will occur from a proposed bedrock well located about 4,000 feet from the Cle Elum River.

Ecology proposes to offset 0.079 ac-ft/yr of consumptive use with mitigation credits from the Williams Family Trust Water Bank (Trust Water Right No. CS4-01746CTCLsb10), which was last presented to the WTWG on August 30, 2010.

In addition, 0.079 ac-ft/yr will be assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) to address potential impacts to flow in the Cle Elum River and TWSA in the Yakima River. No other local surface water bodies or groundwater users are expected to be impaired.

WTWG Project form

PROJECT LOCATION MAP

