APPLICATION NO.
Groundwater Right Application No. G4-36128 with mitigation from Trust Water Right No. CS4-01676sb5d@2b(B) (originally diverted from the Yakima River)

APPLICANT NAME
Matthew and Joanne Gonzales

CONTACT
Samantha Cox

CONTACT'S TELEPHONE NO
(509) 962-7680

WATER RIGHT HOLDER'S NAME (if different)
Kittitas County (Roth)

DATE OF APPLICATION
January 13, 2021

WATER SOURCE:
Well (Well Tag ALF-617)

CROP:
Lawn and/or noncommercial garden

INSTANTANEOUS QUANTITY:
TBD

ANNUAL QUANTITY:
0.330 ac-ft/yr

PERIOD OF USE:
Continuous for 1 domestic connection and season irrigation for lawn and/or garden

PLACE OF USE:
Parcel No. 949715, located within the NE¼, NE¼ of Section 7, T. 19 N., R. 15 E.W.M.

PURPOSE OF USE:
Domestic and irrigation of 500 square feet of lawn and/or garden.

CONSUMPTIVE USE CALCULATION:

**Indoor Use:** 1 residential connection at 275 gallons per day (gpd) used continuously year round equates to 0.308 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) = 0.092 ac-ft/yr.

**Outdoor Use:** The requestor/applicant 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, therefore: outdoor consumptive use = 0.019 ac-ft/yr.

Total Consumptive Use = 0.112 ac-ft/yr

Exchange Contract Water = 0.070 ac-ft/yr for the period August 1 to March 31
NARRATIVE DESCRIPTION OF PROJECT:

The project is located approximately 0.44 miles from Spex Arth Creek in a “yellow” area as noted on Ecology’s current Mitigation Suitability Map (see attached map).

The requestor/applicant proposes to offset the 0.112 ac-ft/yr of consumptive use for the project (1 residential connection and 500 ft² of lawn and garden) with 0.112 ac-ft/yr of mitigation from Trust Water Right No. CS4-01676sb5d@2b(B). Ecology will assign 0.070 ac-ft/yr to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) to address impacts to the Yakima River.

Review of the local area hydrogeology suggests that groundwater withdrawals are expected to impact the main stem of the Yakima River but will not cause impairment to out of stream uses.