WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral Request No. G4-35837 with mitigation from Trust Water Right No. CS4-00714sb2		
APPLICANT NAME Peter Nomides	CONTACT Jill Van Hulle	CONTACT'S TELEPHONE NO 360-413-1510
WATER RIGHT HOLDER'S NAME (if different) Land Lloyd Development		CONTACT'S EMAIL Jill@pgwg.com

DATE OF APPLICATION
March 21, 2016

WATER SOURCE:	CROP:
Well	Lawn and\or noncommercial garden
INSTANTANEOUS QUANTITY: TBD	ANNUAL QUANTITY: 0.414 ac-ft/yr
PERIOD OF USE: Continuous for 1 domestic connection and seasonal irrigation for lawn and\or garden	
PLACE OF USE: Parcel No. 151336, located within the NE¼,SE¼ of Section 2, T. 19 N., R. 14 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 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

Outdoor use: The requestor proposes to irrigate 500 ft^2 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

Total consumptive use = 0.137 ac-ft/yr

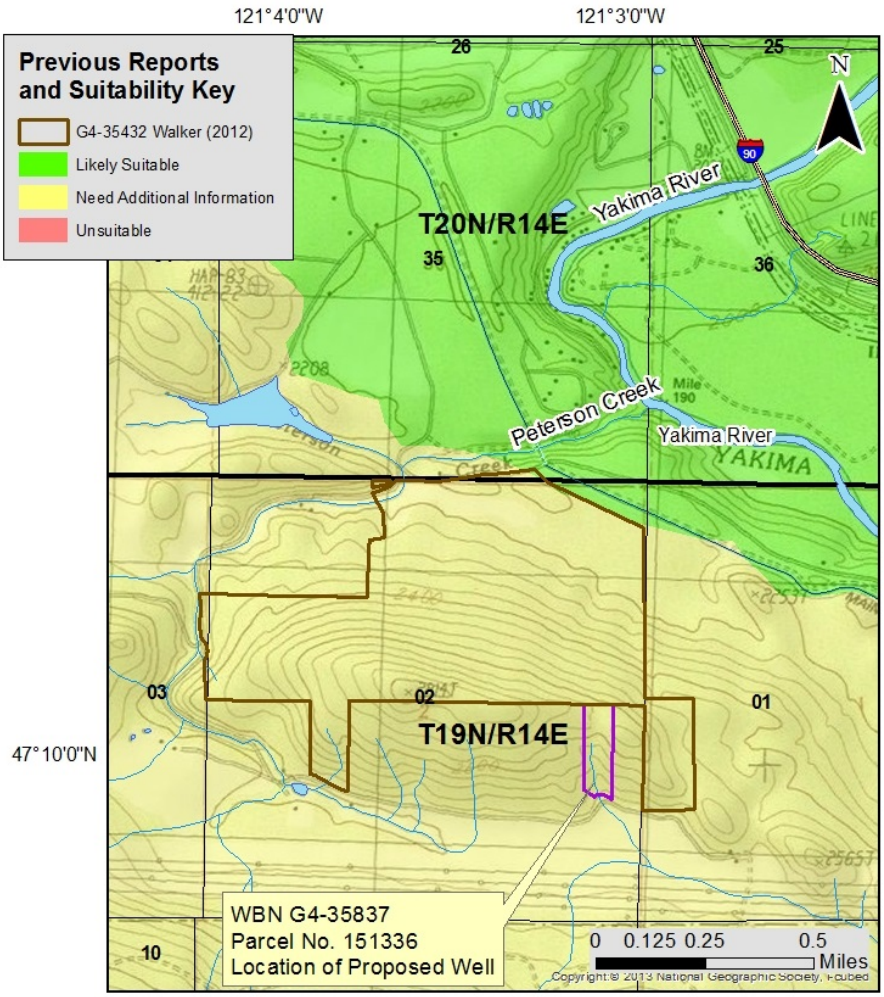
Contract water = 0.059 ac-ft/yr for the period October 1 to March 31

NARRATIVE DESCRIPTION OF PROJECT:

The subject parcel is located to the south of the Yakima River within the Spex Arx Creek watershed in the NE¼SE¼ Section 2, T. 19 N., R. 14 E.W.M. Land Lloyd Development Suitability Map (Trust Water Right CS4-00714sb2) indicates that the subject parcel is within the "yellow" area.

The requestor proposes to offset the 0.137 ac-ft/yr of consumptive use for the project (1 residential connection and 500 ft^2 of lawn and garden) with 0.137 ac-ft/yr of mitigation water acquired from Trust Water Right No. CS4-00714sb2. 0.059 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700).

Review of the local area hydrogeology suggests that the proposed well would likely capture water that would otherwise discharge to Spex Arth Creek's tributaries, Spex Arth Creek, and the Yakima River.

WTWG Project form

Location of G4-35837