WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral (WBN) Request No. G4-35620 with mitigation from Trust Water Right No. CS4-02255(A),(B), or (C) CTCL@2		
APPLICANT NAME Gregory Weaver	CONTACT NAME Traci Shallbetter	TELEPHONE NO. 509 260-0037
WATER RIGHT HOLDER'S NAME (if different) SwiftWater Ranch LLC		EMAIL traci@shallbetterlaw.com

DATE OF APPLICATION	PRIORITY DATE
5/10/2013	

WATER SOURCE: Well (BAN-880)	CROP: None
INSTANTANEOUS QUANTITY: Click here to enter text.	ANNUAL QUANTITY: 0.828 acre-feet/year (afy)
PERIOD OF USE: Continuous for two domestic homes and seasonal irrigation for 1,000 sq feet of lawn and garden	
PLACE OF USE: Parcel No. 958143 and 958144 located within the NW1/4 of Section 09, T. 21 N., R. 14 E.W.M.	PURPOSE OF USE: Multiple Domestic Irrigation, 1,000 sq feet lawn and garden
IRRIGATION METHOD:	

CONSUMPTIVE USE CALCULATION:

Indoor use: Two residential connections at **350 gallons per day** (gpd) used continuously year round equates to 0.784 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 = 0.235 afy

Outdoor use: The requestor proposes to irrigate **1,000 ft^2** of lawn and garden. Using a crop irrigation requirement of 18.11 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 0.043 afy.
Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so:
Outdoor consumptive use = 0.039 afy
CU for the project totals to 0.274 afy
(CU April 1 to August 31 is 0.130 ac-ft and CU Sept 1 to March 31 is 0.144 ac-ft)

NARRATIVE DESCRIPTION OF PROJECT:

The requestor proposes to offset the 0.274 afy of consumptive use for the project (two residential connections and 1,000 ft^2 of lawn and garden) with 0.274 afy of mitigation water acquired from Trust Water Right No. CS4-02255(A),(B), or (C) CTCL@2. During

the irrigation season, 0.144 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) and released between September 1 and March 31 to address out-of-season impacts along the Yakima River. Review of the local area hydrogeology suggests that the proposed groundwater withdrawals under G4-35620 may result in flow impacts to Lake Cle Elum. Parcels 958143 and 958144 are located within the NW1/4 of Section 09, T. 21 N., R. 14 E.W.M., near the east shore of the north end of Lake Cle Elum.

WTWG Project form

Location Map for G4-35620

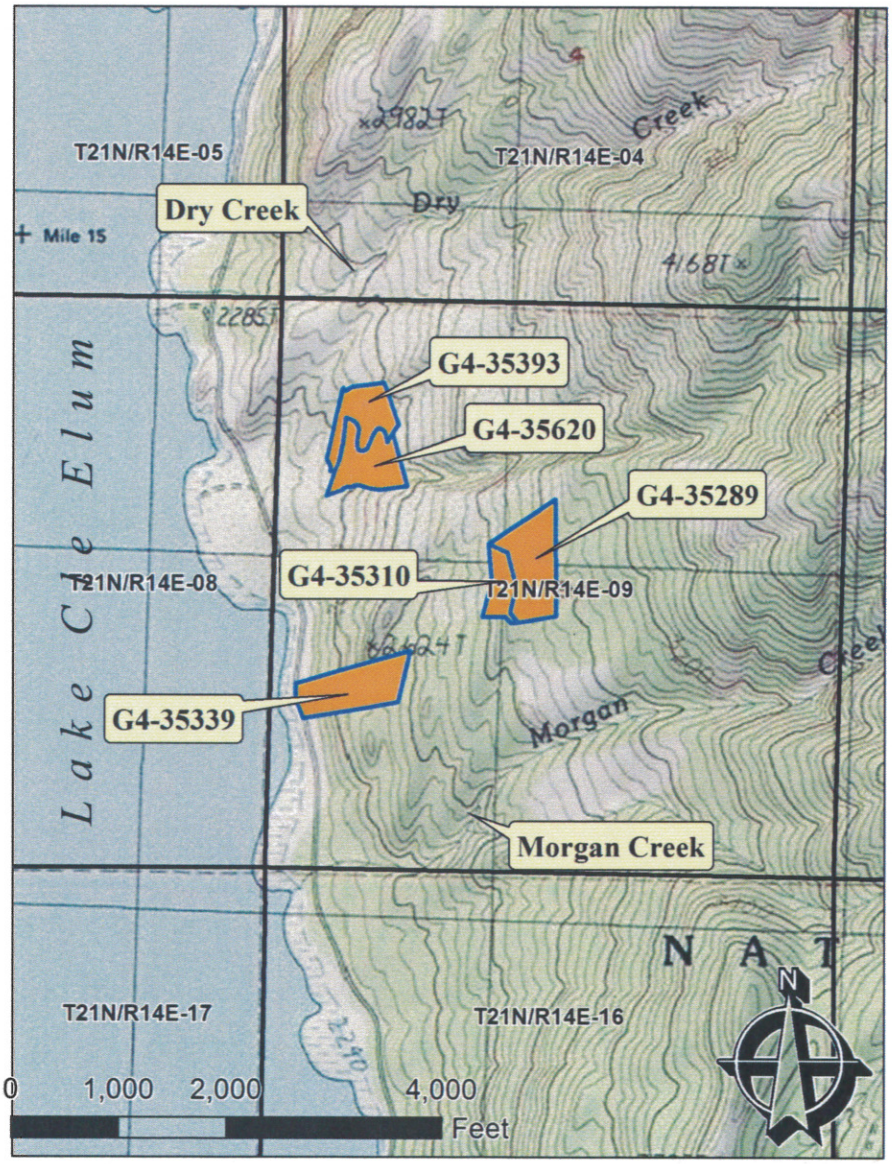

Figure 1: Location of the POU for WBN request G4-35620