WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Water Budget Neutral (WBN) Request No. G4-35609 with mitigation from Trust Water Right No. CS4-01968sb11a		
APPLICANT NAME Amerivest Development LLC	CONTACT NAME Jeff Slothower	TELEPHONE NO. 509-925-6916
WATER RIGHT HOLDER'S NAME (if different) Amerivest		EMAIL

DATE OF APPLICATION	PRIORITY DATE
April 16th, 2013	

WATER SOURCE: Well (Ecolgy Tag No. APT-579)	CROP: Lawn or noncommercial garden
INSTANTANEOUS QUANTITY: 50 GPM	ANNUAL QUANTITY: 0.430 acre-feet/year (afy)
PERIOD OF USE: Continuous for single indoor domestic connection and seasonal irrigation for 500 sq feet of lawn and garden	
PLACE OF USE: Parcel No. 954943 located within the SW¼ of Section 8, T. 17 N., R. 18 E.W.M.	PURPOSE OF USE: Single domestic
IRRIGATION METHOD:	

CONSUMPTIVE USE CALCULATION:

Indoor use: One residential connection at **350 gallons per day** (gpd) used continuously year round equates to 0.392 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 = 0.118 afy

Outdoor use: The requestor proposes to irrigate **500 ft^2** of lawn and garden. Using a crop irrigation requirement of 31.45 in/yr (or 2.62 ft/yr) for pasture/turf near Ellensburg from the Washington Irrigation Guide and an application efficiency of 80%, the total outdoor irrigation water use is 0.038 afy
Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so:
Outdoor consumptive use = 0.034 afy
CU for the project totals to 0.151 afy
(CU April 1 to Sept 15 is 0.085 ac-ft and CU Sept 16 to March 31 is 0.066 ac-ft)

NARRATIVE DESCRIPTION OF PROJECT:

The requestor proposes to offset the 0.151 afy of consumptive use for the project (one residential connection and 500 ft^2 of lawn and garden) with 0.151 afy of mitigation water acquired from Trust Water Right No. CS4-01968sb11a. This WBN request does not rely on the USBR-Ecology Exchange Contract (Contract No. 09XX101700).
Review of the local area hydrogeology suggests that the proposed groundwater withdrawals under G4-35609 may result in flow impacts to the Manatash Creek.

Location Map for G4-35609

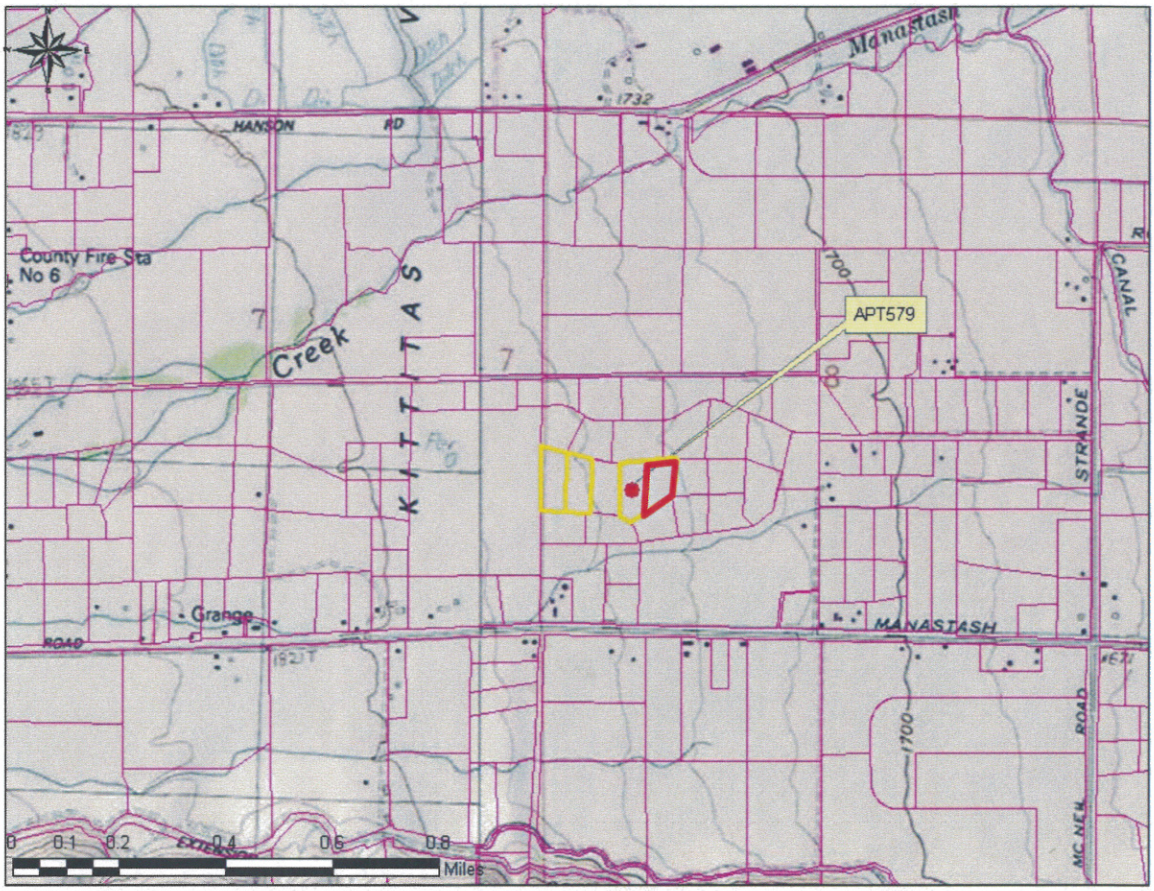

Figure 1: Location of the Amerivest Well (APT-579) in the Manastash Drainage (Red Circle). Yellow Boxes indicate the parcel location for the proposed place of use. Pink lines delineate adjacent parcels. Red line indicates place of use for application G4-35609.