

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Water Budget Neutral (WBN) Request No. G4-35657; mitigation from Trust Water Right No. S4-01724CTCLsb7		
APPLICANT NAME Lathrop, F. Steven	CONTACT NAME Lathrop, F. Steven	TELEPHONE NO. 509-925-5622
WATER RIGHT HOLDER'S NAME (if different)		EMAIL steve@lwhsd.com

DATE OF APPLICATION 11/13/2013	PRIORITY DATE
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WATER SOURCE: Two existing wells in Parcel 840136, lying primarily in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 31, T18N, R18E. One planned well in Parcel 714136, lying in the SW $\frac{1}{4}$ OR NE $\frac{1}{4}$ of Section 31, T18N, R18E (final legal description will be subject to the final well location).	CROP: None
INSTANTANEOUS QUANTITY: 30 gpm maximum	ANNUAL QUANTITY: 0.902 acre-feet/year (afy)
PERIOD OF USE: Continuous for a single domestic and outdoor pool; and continuous for a second domestic	
PLACE OF USE: Parcel No. 840136, located primarily in the SW $\frac{1}{4}$ NE $\frac{1}{4}$ of Section 31, T18N, R18E; and Parcel 714136, located primarily in the SW $\frac{1}{4}$ of Section 31, T18N, R18E.	PURPOSE OF USE: Multiple Domestic (2 homes) and one outdoor pool.
IRRIGATION METHOD: None	

<p>CONSUMPTIVE USE CALCULATION:</p> <p>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</p> <p>Outdoor use: No irrigation is requested.</p> <p>Outdoor pool: Use is assumed to be 0.118 afy, between May and August. All outdoor pool use is assumed to be consumptively used, therefore: Outdoor pool consumptive use = 0.118 afy</p> <p>CU for the project totals to 0.353 afy</p>
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<p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>Parcels No. 840136 and 714136 are located in west Kittitas Valley, in a yellow suitability zone for the Reecer Creek water bank. They lie primarily in the SW$\frac{1}{4}$ NE$\frac{1}{4}$ and SW$\frac{1}{4}$, respectively, of Section 31, T18N, R18E. They are approximately 1.5 miles south of Robinson Creek and 1.4 miles west of the Yakima River (Figure 1).</p>

Review of the local area hydrogeology suggests that the proposed groundwater withdrawals, from the Columbia River Basalt group aquifer, will not impact Robinson Creek or Manastash Creek.

The requestor proposes to offset the 0.353 afy of consumptive use for the project (two residential connections and one outdoor pool) with 0.353 afy of mitigation water acquired from Trust Water Right No. CS4-01724CTCSsb7. The USBR-Ecology Exchange Contract (Contract No. 09XX101700) is not necessary for this WBN.

WTWG Project form

Location Map for G4-35657

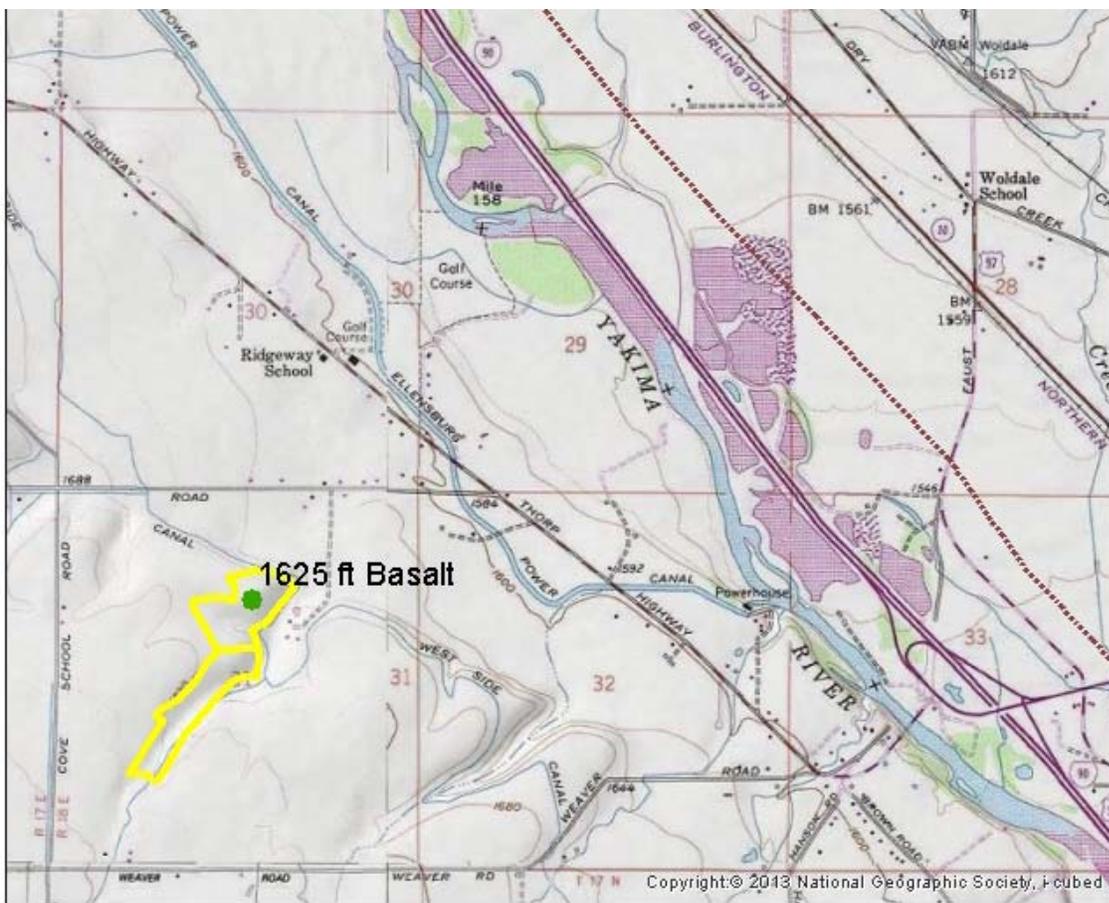


Figure 1: Location of one existing well and the POU for WBN request G4-35657. Parcel 840136 is the north-lying parcel, and Parcel 714136 is to the south. Elevation of groundwater level in one of the existing wells is indicated.