

**WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION**

APPLICATION NO./COURT CLAIM NO.  Water Budget Neutral Request No. G4-35801 with mitigation from Trust Water Right No. CS4-02255(A)CTCL@2		
APPLICANT NAME Maxfield Investment Properties LLC	CONTACT Traci Shallbetter	CONTACT'S TELEPHONE NO 509.260.0037
WATER RIGHT HOLDER'S NAME (if different) Swiftwater Ranch		CONTACT'S EMAIL traci@shallbetterlaw.com

DATE OF APPLICATION October 16, 2015
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WATER SOURCE: 2 Wells	CROP: Lawn and/or noncommercial garden
INSTANTANEOUS QUANTITY: 8.96 gpm	ANNUAL QUANTITY: 0.827 ac-ft/yr
PERIOD OF USE: Continuous for 2 domestic connections and season irrigation for lawn and/or garden	
PLACE OF USE: Parcel No. 954010 and 954011, located within the NW¼ of Section 09, T. 21 N., R. 14 E.W.M.	PURPOSE OF USE: Domestic and irrigation of 1,000 square feet of lawn and/or garden

<p>CONSUMPTIVE USE CALCULATION:</p> <p><b>Indoor use:</b> 2 residential connections at 350 gallons per day (gpd) used continuously year round equates to 0.784 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: <b>Indoor consumptive use (CU) = 0.235 ac-ft/yr</b></p> <p><b>Outdoor use:</b> The requestor proposes to irrigate 1,000 ft<sup>2</sup> 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 0.043 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: <b>Outdoor consumptive use = 0.039 ac-ft/yr</b></p> <p><b>Total consumptive use = 0.274 ac-ft/yr</b></p> <p><b>Contract water = 0.144 ac-ft/yr for the period September 1 to March 31</b></p>
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NARRATIVE DESCRIPTION OF PROJECT:
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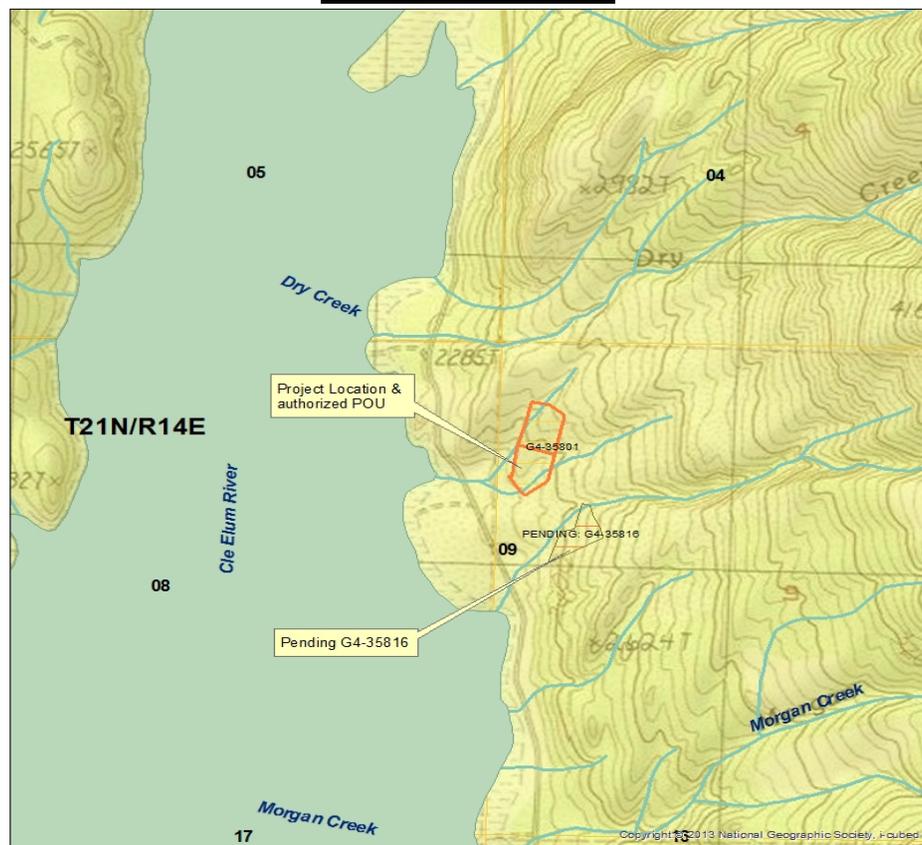
The project is located approximately 800 feet east of the Cle Elum Lake, and 2,000 feet south from the confluence of Dry Creek in a “yellow” area as noted in the current Swiftwater Trust Water Right.

The requestor proposes to offset the 0.274 ac-ft/yr of consumptive use for the project (2 residential connection and 1,000 ft<sup>2</sup> of lawn and garden) with 0.274 ac-ft/yr of mitigation water acquired from Trust Water Right NoCS4-02255(A)CTCL@2.

0.144 ac-ft is assigned to the USBR-Ecology Exchange Contract (Contract No. 09XX101700). Ecology will assign 0.000 ac-ft of the Trust Water Right to be managed within the Trust Water Right Program for instream flow purposes to benefit the Yakima River.

Review of the local area hydrogeology suggests that the proposed wells may capture water from a nearby unnamed creek, which should not be of particular concern due to the steep gradient of the creek.

**Location of G4-35801**



**Legend**

- Water Bodies
- Yellow Suitability Area
- Pending Applications
- Authorized Place of Use
- Sections