

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. Water Budget Neutral (WBN) Request No. G4-35730 mitigation from Trust Water Right No. CS4-01467@11sb3a		
APPLICANT NAME Bill Mundy dba Mundy Farms	CONTACT NAME Suzanne Blakeney	TELEPHONE NO. 509 607-3513
WATER RIGHT HOLDER'S NAME (if different)		EMAIL Suzanne@washingtonwatertrust.org

DATE OF APPLICATION 11/21/2014	PRIORITY DATE
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WATER SOURCE: Wells to be drilled well in Parcels 17779, 17780, 17781, and 355035 located within the SE ¼ SE ¼ of Section 28, T20N, R16E.	CROP: Non-commercial lawn and garden.
INSTANTANEOUS QUANTITY: Not provided	ANNUAL QUANTITY: 1.655 acre-feet/year (afy)
PERIOD OF USE: Continuous for four domestic and seasonal for 2,000 sq ft lawn and garden.	
PLACE OF USE: Parcels 17779, 17780, 17781, and 355035 located within the SE ¼ SE ¼ of Section 28, T20N, R16E.	PURPOSE OF USE: Multiple Domestic homes (4) and seasonal lawn and garden.
IRRIGATION METHOD: None	

<p>CONSUMPTIVE USE CALCULATION:</p> <p>Indoor use: Four residential connections at 350 gallons per day (gpd) used continuously year round equates to 1.568 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 = 0.470 afy</p> <p>Outdoor use: The requestor proposes to irrigate 2,000 ft² 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 0.087 afy. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, so: Outdoor consumptive use = 0.078 afy</p> <p>CU for the project totals to 0.548 afy</p>
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<p>NARRATIVE DESCRIPTION OF PROJECT:</p> <p>Parcels 17779, 17780, 17781, and 355035 located within the SE ¼ SE ¼ of Section 28, T20N, R16E along the north side of the Yakima Valley, approximately 4 miles east of Cle Elum and approximately 1½ miles north of the confluence of the Teanaway and Yakima Rivers. Impacts from groundwater withdrawals will likely occur to the Yakima River and possibly the lower part of the Teanaway River.</p>
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The requestor proposes to offset the 0.548 ac-ft of consumptive use for the project (four residential connections and seasonal lawn and garden) with 0.548 ac-ft of mitigation water acquired from Trust Water Right No. CS4-01467@11sb3a. [Click here to enter text..](#) During the irrigation season, 0.288 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.

WTWG Project form

Location Map for G4-35730

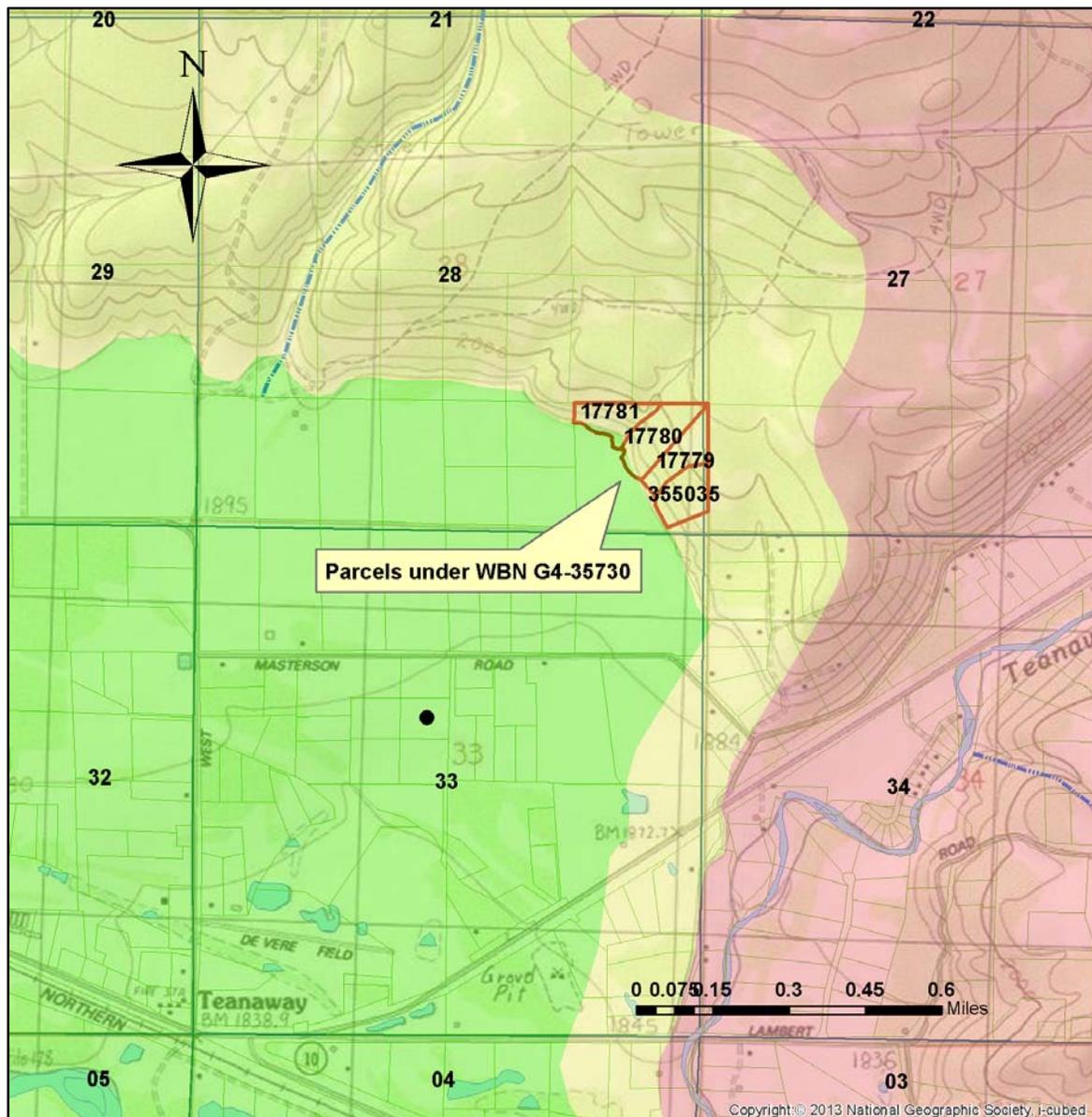


Figure 1: Location of WBN Request G4-35730, Parcels 17779, 17780, 17781, and 355035; over the Masterson mitigation suitability layers.