

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO.		
Mitigated Groundwater Right Application No. G4-36077 with mitigation from Trust Water Right No. CS4-02316sb8(a1)		
APPLICANT NAME	CONTACT	CONTACT'S TELEPHONE NO
Western Elite Inc Services	Crushe LLC	(509) 649-5218
MITIGATED WATER RIGHT HOLDER'S NAME		CONTACT'S EMAIL
Yakima Mitigation Services		annew@inlandnet.com

DATE OF APPLICATION November 18, 2019
--

WATER SOURCE: Proposed Well	PURPOSE OF USE: Municipal Water Supply Purposes. i.e. Indoor domestic use and irrigation of lawn and garden for 64 residences				
PLACE OF USE: The N ½ NE ¼ of Section 21, Township 20 N., Range 15 E.W.M. Kittitas County Parcel Nos. 423034, 956171, 956689, 956690, 301234, 956168, 56169, 956172, 014902, 956170, 55113, 955958, 014903, 014904, 018458, 018459, 18460, 018461, 018462, 018463, 018464, 55108, 955109, 955110, 955111, 955112, and 955955.					
Purpose(s)					
PURPOSE	WITHDRAWAL RATE (gpm)	ANNUAL QUANTITY (ac-ft/yr)	PERIOD OF USE		
	ADDITIVE	NON-ADDITIVE	NON-ADDITIVE		
Domestic use	100	-	25.091	-	1/1-12/31
Irrigation	-	100	1.385	-	6/1-9/30

CONSUMPTIVE USE CALCULATION: Indoor Use: 64 residential connection at 206.5 gallons per day (gpd) used continuously year round equates to 25.091 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: indoor consumptive use (CU) = 7.527 ac-ft/yr. Outdoor Use: The requestor/applicant proposes to irrigate 32000 ft ² 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 1.385 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, therefore: outdoor consumptive use = 1.247 ac-ft/yr. Total Consumptive Use = 8.7741.110 ac-ft/yr Exchange Contract Water = 4.611 ac-ft/yr for the period September 1 to March 31
--

NARRATIVE DESCRIPTION OF PROJECT:

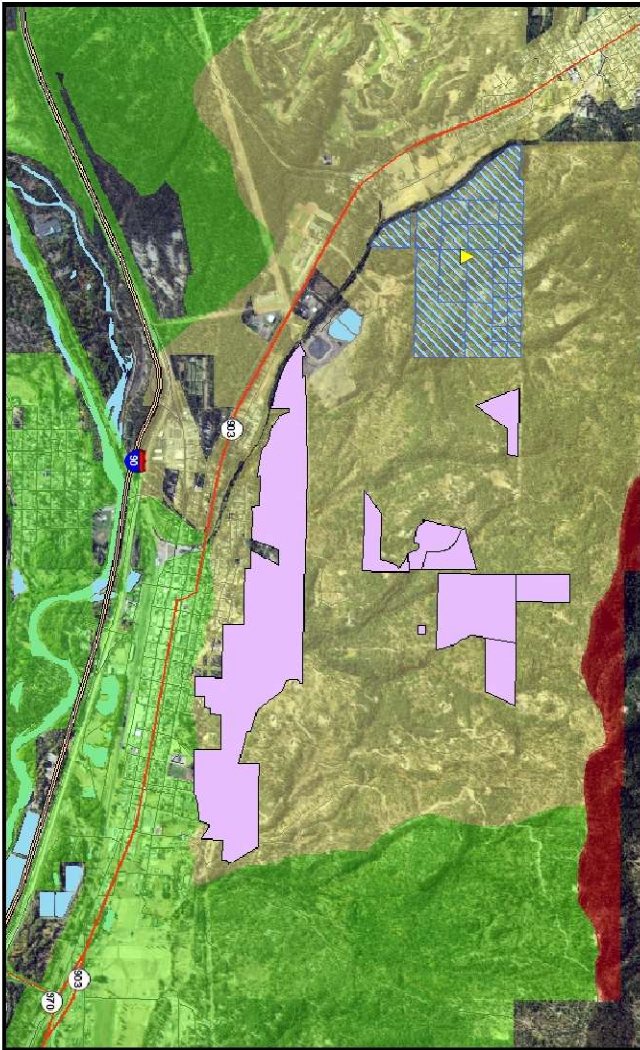
The project is located in Cle Elum and is approximately 1.5 miles from the Yakima river in a “Yellow” area as noted on Ecology’s current Mitigation Suitability Map (see attached map).

The requestor/applicant proposes to offset the 4.611 ac-ft/yr of consumptive use for the project (64 residential connections and 32000 ft² of lawn and garden) with 4.611 ac-ft/yr of mitigation from Trust Water Right No. CS4-00755(A)CTCL. Ecology will assign 4.611 ac-ft/yr to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) to address impacts to the Yakima River. In addition to the consumptive use of the project, Ecology will assign 1.537 ac-ft of the Trust Water Right to be managed within the Trust Water Right Program for instream flow benefit to the Yakima River.

Review of the local area hydrogeology suggests that the project is not expected to impact the nearby Crystal Creek, nor interfere with neighboring groundwater users. Any impacts to the Yakima River will be mitigated by the trust water right referenced above.

Map of Project Area

Western Elite Inc. Services:
Mitigated Groundwater Right Application No. G4-36077
Multiple parcels in the N 1/2 NE 1/4 of Section 21, T. 20 N., R. 15 E. W.M.
WRIA 39 - Kittitas County (City of Cle Elum)



Basemap - NAD 2011 Aerial Photo
ESOLDOCK

Legend

- Proposed POD
- Previously Approved WENS
- Yakima Mitigation Services
- suit_stat
- Likely Suitable
- Need Additional Information
- Unsuitable

Legend

- Proposed POD
- Previously Approved WENS

