

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

Mitigated Application Water Budget Neutral Request G4-36163	Application Priority Date 8/3/2022
Applicant Name Mattson Family Farms LLC	Contact Name (if Different) Walter Mattson
Water Bank New Suncadia LLC (Teaway River)	Mitigating Trust Water Rights No. S4-85212-J

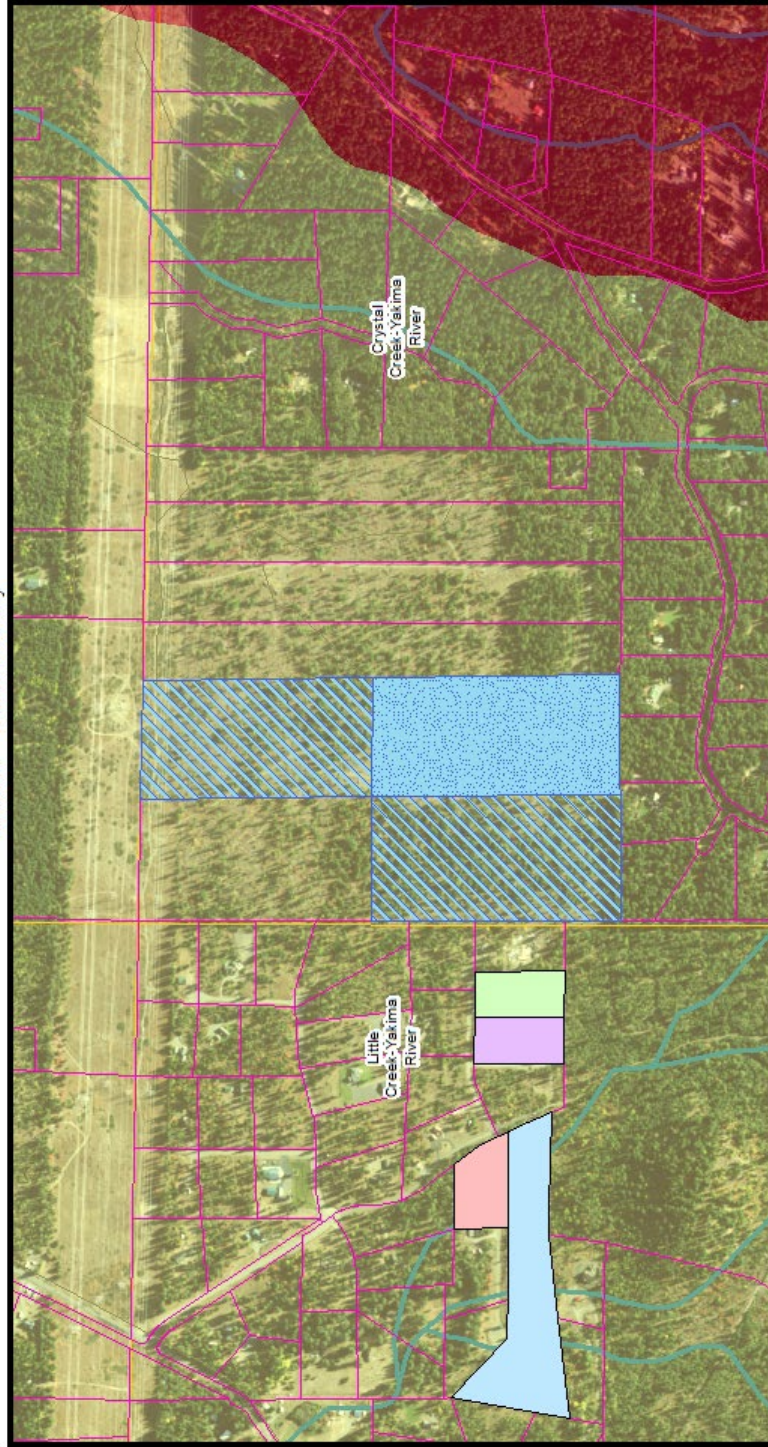
WATER SOURCE: Existing Well (Well Tag ID) BIF 347	
INSTANTANEOUS QUANTITY: TBD	ANNUAL QUANTITY: 0.63 ac-ft/yr
PERIOD OF USE: Continuous use for 2 domestic connection(s) and seasonal irrigation for lawn and/or garden	
PLACE OF USE: Parcel Nos. 957911, 957912, located within the NE¼, NW¼ of Section 8, Township 19 N., Range 15 E.	PURPOSE OF USE: Domestic use and irrigation of up to 350 square feet of lawn and/or garden.

CONSUMPTIVE USE CALCULATION:
<p>Indoor Use: 2 residential connection(s) at 275 gallons per day (gpd) used continuously year round equates to 0.616 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) = 0.1848 ac-ft/yr.</p> <p>Outdoor Use: The requestor/applicant proposes to irrigate 350 ft² of lawn and/or garden. Using a crop irrigation requirement of 18.1 in/yr for pasture/turf near Cle Elum from the Washington Irrigation Guide and an application efficiency of 75%, the total outdoor irrigation water use is 0.016 ac-ft/yr. Consistent with WAC 173-539A-050(3), 90% of outdoor use is consumptively used, therefore: outdoor consumptive use = 0.0145 ac-ft/yr.</p> <p>Total Consumptive Use = 0.199 ac-ft/yr Exchange Contract Water = 0.101 ac-ft/yr for the period September 16 to March 31</p>

NARRATIVE DESCRIPTION OF PROJECT:
<p>The project is located approximately 1 mile from the Yakima River near Crystal Creek in a “Yellow” area as noted on Ecology’s current Mitigation Suitability Map (see attached map).</p> <p>The requestor/applicant proposes to offset the 0.199 ac-ft/yr of consumptive use for the project with 0.199 ac-ft/yr of mitigation from Trust Water Right No. S4-85212-J. Ecology will assign 0.101 ac-ft/yr to the USBR-Ecology Exchange Contract (Contract No. 09XX101700) to address impacts to the Yakima River.</p> <p>Review of the local area hydrogeology suggests that well pumping would impact the Yakima River. However, Ecology believes that the mitigation offered would adequately mitigate for the impacts of this project and not impair existing rights.</p>

Map of Project Area

Mattson Family Farms LLC
 Water Budget Neutral Request No. G4-36163
 Parcel Nos. 957911, 957912
 NE 1/4 NW 1/4 of Section 8, T. 19 N, R. 15 E, W.M.
 WRJA 39 - Kittitas County



New Suncadia_TeanawayRiver

Suit_stat

- Likely Suitable
- Need Additional Information
- Unsuitable

Legend



- Proposed POU
- Existing POW

Previously Approved WBNs

- G4-35577 (Shoval, 2012)
- G4-35581 (Mordarelli, 2012)
- G4-35615 (Janker, 2013)
- G4-35634 (Shoval, 2013)



Basemap - N.A.I.P. 2017 Aerial Photo

