

2024-05

WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION

APPLICATION NO./COURT CLAIM NO. S4-33314 WR DOC ID: 6805315		
APPLICANT NAME Kennewick Irrigation District (KID)	CONTACT NAME Jason McShane	TELEPHONE NO. (509) 586-9111 Ext.103
WATER RIGHT HOLDER'S NAME (if different)		EMAIL JMcShane@kid.org

DATE OF APPLICATION 06/09/2023	PRIORITY DATE 06/05/2023
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WATER SOURCE: Yakima River	CROP: Wine Grapes
INSTANTANEOUS QUANTITY: 3 Cubic Feet Per Second (CFS)	ANNUAL QUANTITY: 248.5 AFY (Acre Feet Per Year)
PERIOD OF USE: 4/01 to 10/31	
PLACE OF USE: Kennewick Irrigation District Boundary and more specifically W1/2NW1/4 and the N1/2SW1/4 of Section 15 and the SE1/4NE1/4 of Section 16, Township 9 North, Range 27 E.W.M.	PURPOSE OF USE: Irrigation of 165.7 Acres
IRRIGATION METHOD: Micro Drip Irrigation	

CONSUMPTIVE USE CALCULATION: 248.5 AFY

NARRATIVE DESCRIPTION OF PROJECT: <p>The application was submitted by Charles Freeman and Jason McShane of Kennewick Irrigation District (applicant) received by the Department of Ecology (Ecology), June 5, 2023. The purpose of use for the proposed water right is for Irrigation of an existing 165.7 acres of vineyard located within the Red Mountain service area.</p> <p>Application S4-33314 proposes to divert up to 3 CFS and 248.5 AFY. This application will be water budget neutral to Total Water Supply Available since water will be made available through a mitigation allotment under SMID Water Banking Agreement ID No. 10000618.</p>

Water will be diverted primarily from the Kiona diversion but is authorized to divert from all three existing KID diversions on the Yakima River and conveyed through KID's infrastructure to the proposed place of use. Measuring devices are installed on all KID's diversions and reported to Ecology's Office of Columbia River each year. The water is to be diverted to the distribution system and dispersed to the vineyards with existing micro drip irrigation lines.

The applicant currently delivers water to the proposed irrigated lands with junior water rights and would move those rights within its boundaries when the new application is approved. The 2001 Kennewick Irrigation District Water Right Settlement Agreement, as amended in 2011, establishes a water duty of 1.50 AFY per acre for the Red Mountain service area which will be used for this application (1.50 AFY per acre x 165.7 acres = 248.5 AFY).

KID's proposal to use 248.5 AFY of water mitigated by the SMID Water Bank will supply vineyards within the Red Mountain service area with a more drought resilient source of water.

WTWG Project form

Table of Net Water Allotment:

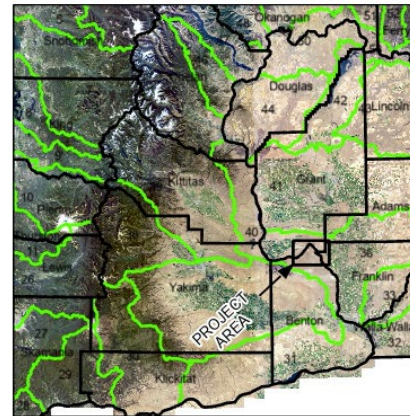
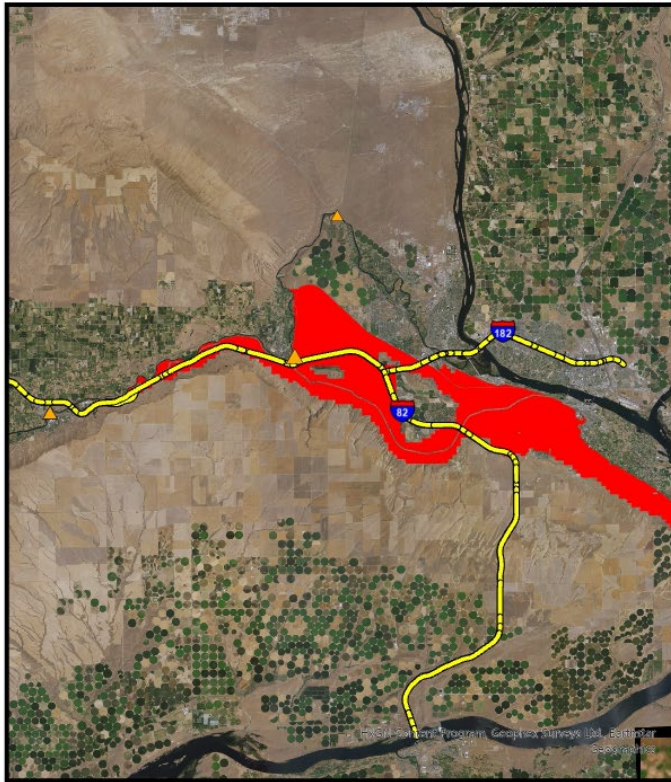
EXHIBIT 3

TABLES OF NET WATER SAVINGS

	Duty	Acres	Entitlement	Drive water
Red Mountain LID water	1.5 af	1,785	2,678	3,347
Red Mountain LID conveyance water savings	1.58 af	1,785	2,820	3,525
Crop differential	2.0 af	1,785	3,570	4,463
Totals	5.08 af	1,785	9,068	11,335

Map of Kennewick Irrigation District Boundaries:

Kennewick Irrigation District.
 Selah Moxee Irrigation District Surface Water Right S4-33314
 WRIA 37 - Benton County



ATTACHMENT 1

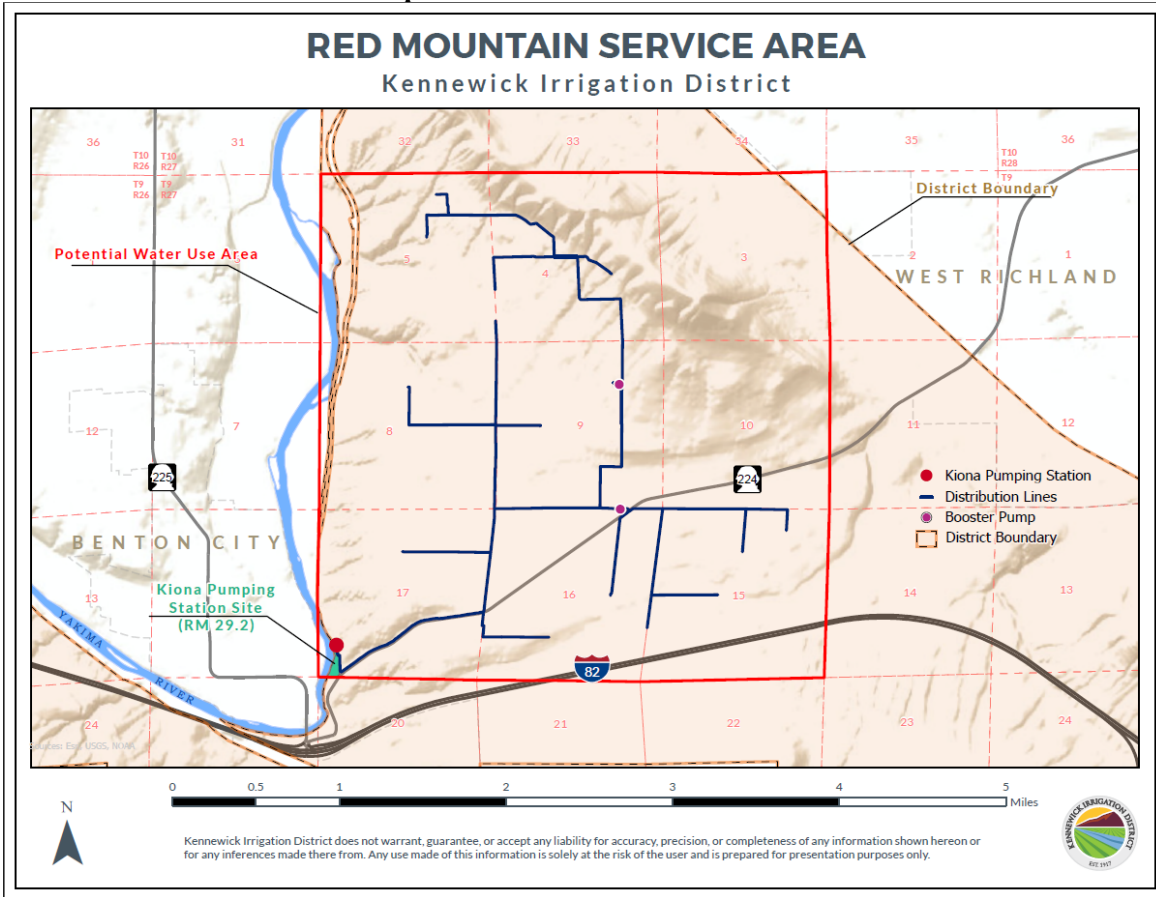
Basemap - NAIP 2017 Aerial Photo

- Authorized Place of Use (Kennewick Irrigation District boundaries)
 - County
 - WRIA
 - ▲ Authorized Point of Diversion
- Road Symbology**
- Interstate Route

Basemap - NAIP 2017 Aerial Photo
 DEPARTMENT OF ECOLOGY
 State of Washington



Red Mountain Service Area Map Within the KID Boundaries:



Precise Location of where water will be applied within the Place of Use:

