

**WATER TRANSFER WORKING GROUP PROJECT DESCRIPTION**

APPLICATION NO./COURT CLAIM NO. <b>S4-33315</b>		
APPLICANT NAME <b>WGE Holdings, LLC</b>	CONTACT NAME <b>Joe Evans</b>	TELEPHONE NO. <b>509 678-4127</b>
WATER RIGHT HOLDER'S NAME (if different)		EMAIL <b>joe@evansfruitco.com</b>

DATE OF APPLICATION <b>7/5/2023</b>	PRIORITY DATE <b>7/5/2023</b>
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WATER SOURCE: <b>Yakima River</b>	CROP: <b>Apple Trees</b>
INSTANTANEOUS QUANTITY: <b>0.53 cfs</b>	ANNUAL QUANTITY: <b>200 afy</b>
PERIOD OF USE: <b>4/15-10/15</b>	
PLACE OF USE: <b>The SW1/4 of Section 11 T12N R19E and the N1/2NW1/4 of Section 14 T12N R19E</b>	PURPOSE OF USE: <b>Irrigation and cooling</b>
IRRIGATION METHOD: <b>Solid-set undertree sprinklers</b>	

CONSUMPTIVE USE CALCULATION: <b>200 afy</b>
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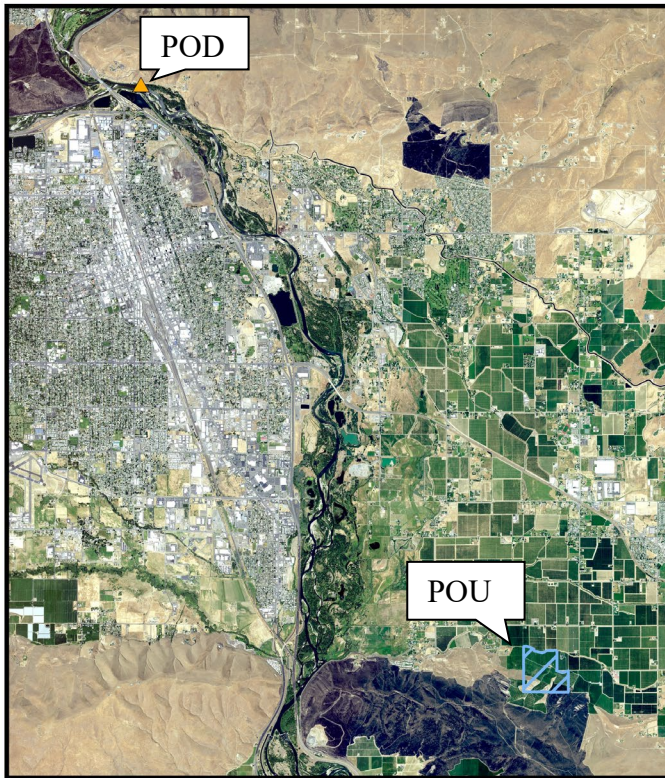
NARRATIVE DESCRIPTION OF PROJECT:  <p>The application was submitted by Joe Evans of WGE Holdings, LLC (applicant) received by the Department of Ecology (Ecology), July 5, 2023. The purpose of use for the proposed water right is for irrigation and cooling for 100 acres of an existing apple orchard that has historically been deficit irrigated.</p> <p>Application S4-33315 proposes to divert up to 0.53 cubic feet per second (CFS) and 200 acre-feet per year (afy). The applicant proposes to proportionately mitigate these quantities through a 15-year lease from the Selah Moxee Irrigation District (SMID).</p>
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The water will be diverted from an existing SMID diversion on the Yakima River and conveyed down the SMID canal to a turnout at the proposed place of use. A meter will be installed at the turnout to measure water usage. The water will be piped to the water distribution system and dispersed to the orchard blocks with PVC irrigation lines and solid-set undertree sprinklers.

The applicant currently irrigates the proposed place of use with a groundwater certificate G4-01260C that authorizes 566 afy of water for the irrigation of 200 acres. This equates to a water duty of 2.83 afy per acre. The Washington Irrigation Guide directs that Apple trees in Yakima require 4.45 afy with the type of infrastructure that is currently installed in the place of use. The orchard within the proposed place of use has a deficit of 1.62 afy per acre.

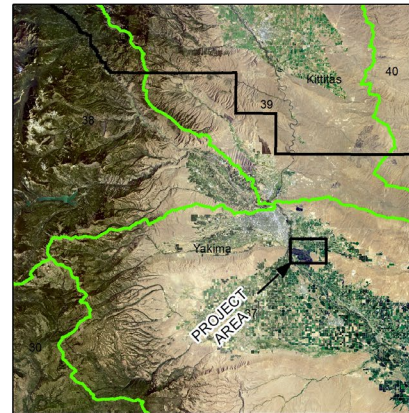
The applicant proposes to use 200 afy of SMID water to fully supply and cool the orchards during the hotter months. The proposed place of use will receive an additional 2 afy per acre bringing the total water duty for the subject 100 acres to 4.83 afy per acre.

WTWG Project form

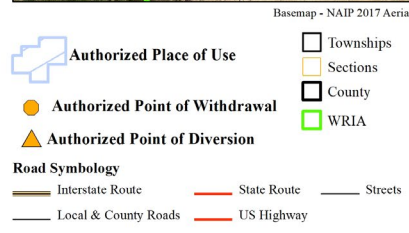


Basemap - NAIP 2017 Aerial Photo  
 DEPARTMENT OF ECOLOGY  
 State of Washington

WGE Holdings, LLC  
 SMID Water Bank S4-33315  
 WRIA 37 - Yakima County



ATTACHMENT 1



Comment:  
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