

Please use a separate Part 6 for each water right being changed. See instructions on page 8, to copy and paste additional Part 6s, or to add additional rows to tables within the form.

CERTIFICATE # 74197

Name on Certificate: Arnold Irrigation District

Date(s) of Priority: 2/1/1905 and 4/25/1905

Source(s) of Water to be Affected by the Transfer: Deschutes River

Description of Water Delivery System

System capacity: 150 cubic feet per second (cfs) OR
_____ gallons per minute (gpm)

Describe the current water delivery system or the system that was in place at some time within the last five years. Include information on the pumps, canals, pipelines and sprinklers used to divert, convey and apply the water at the authorized place of use. The Arnold Irrigation District (AID) diversion is located at river mile 174.5 on the Deschutes River near Lava Island Falls. The AID diversion has a radial gate that regulates the intake flow rate and a vertical flat-plate fish screen that keeps fish and debris out of the District's conveyance system. The Oregon Water Resources Department (OWRD) gage number 14065500 measures inflows into the conveyance system. The Main Canal delivers water generally northeast, starting with an approximately 1-mile-long flume and trestle system and then transitioning to a typical earthen and rock substrate open canal, some sections of which are shotcrete/concrete lined. Approximately 22% of the AID delivery system is currently piped. (Information above sourced from the Arnold ID Final Watershed Plan- Environmental Assessment). Water is delivered to ponds for Roats Water System, at which point the water is pumped through a piped delivery system to the quasi-municipal service areas.

Other Water Rights

Are there other water right certificates, water use permits or ground water registrations associated with the "from" lands? Yes No

If YES, list the certificate, water use permit, or ground water registration numbers: Supplemental Water Right Certificate C-76714 (Crane Prairie) - portion serving the same acre equivalents will be cancelled, but will not affect the right to store water in Crane Prairie Reservoir; Roats Water Groundwater Certificates G-87656, 87657, 87658, 87659; and Roats Permit G-18079. Roats Water is a quasi-municipal water provider serving a territory within the City of Bend. Avion Water Company (quasi-municipal) and the City of Bend (municipal) also serve areas of the City of Bend.

Pursuant to ORS 540.510, any "layered" water use such as an irrigation right that is supplemental to a primary right proposed for transfer must be included in the transfer or be cancelled. Any change to a ground water registration must be filed separately in a ground water registration modification application.

*updated
3/22/2024
G.Hubert
DRC

