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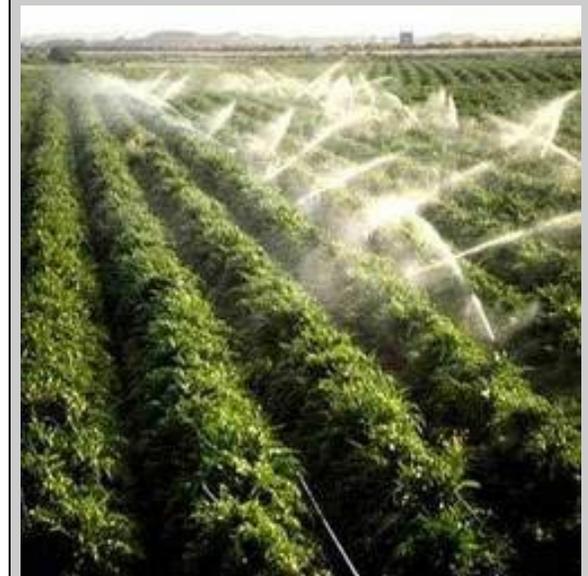
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**Information Brochure**

**How Things Work**



**KENNEWICK IRRIGATION DISTRICT**

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**KennewickIrrigationDistrict**

In a typical day, K.I.D. conveys over 10 times the amount of water than the city of Kennewick can produce!

### What does my K.I.D. assessment, pay for?

Over 33 billion gallons of *untreated* Yakima surface water are delivered through the heart of the Tri-Cities each year. Water is delivered via a diversion dam at Prosser on the Yakima River under a contract with the United States Bureau of Reclamation.

K.I.D.'s water right allows diversions beginning April 1st. It takes about 2 weeks to flush and fill the nearly 64 miles of canal, which contains well over 300 miles of pipe and 125 pump stations. It takes 36 hours for water to travel to central Kennewick and 24 hours to drain the main canal.

With over 23, 000 accounts K.I.D. serves over 60,000 customers, annually. A water allotment is 3.5 acre feet of water, per acre, in a normal irrigation season. The cities of Kennewick and Richland are not equipped to provide water at this capacity and using drinkable, treated (potable) water for irrigation purposes is not the best use of this finite resource. Potable water is also significantly more expensive than irrigation water comparatively. The city of Kennewick has estimated that it would take tens of millions of dollars to increase capacity in order to provide enough water for irrigation purposes and doing so would dramatically raise rates to recover those costs. **Continued...**



### Working together towards efficiency and conservation

Being wise with our water usage is not just for drought conditions, it is smart all the time.

With over 23, 000 K.I.D. accounts, the best outcome will be achieved when everyone works together!

Neighbors are highly encouraged to work to develop a watering schedule.

Adjust your irrigation system to water different zones, and for longer durations: 30 minutes for 2 days per week. This will encourage the roots to grow down deeper, making them more tolerant to heat.

1" of water during July and August is sufficient.

In extreme temperatures, an extra day of watering works better than adding more time.

### What does my K.I.D. assessment, pay for? Continued...

K.I.D.'s system was originally designed for agricultural use, but our area is rapidly urbanizing and this changes the intended use of the K.I.D. system. Unlike city water, K.I.D. does not meter residential water and therefore, does not charge for water by usage. Installing meters on individual houses would significantly increase the cost of providing irrigation water to our customers.

Additionally, although less water is available for use during a low-water year, administrative and operational costs actually increase for many reasons. Unlike city water services, irrigation delivery is almost entirely manual. When less water is available, the need for monitoring and altering individual areas increases. Additional water sources must be sought, and the structural strain on the 50 plus year old infrastructure increases the likelihood of necessary repairs. Finally, during a drought, customer service, education outreach activities, operational and man-hours all increase to meet customer needs.

