

# **CAMERON COUNTY IRRIGATION DISTRICT NUMBER TWO**

## **PUSH WATER POLICY**

### **I. SITUATION**

It is the policy of the Cameron County Irrigation District Number Two (“District”) that the administration of water during periods of drought will be issued in a fair and equitable manner to the municipalities (i.e., City of San Benito, City of Rio Hondo, and East Rio Hondo Water Supply Company). Push water occurs when water availability becomes so limited, only the municipalities are distributed and purchasing water from the District.

In non-push water periods, the canal system used to deliver water is primed by all users, primarily through agricultural irrigation requirements. The cost associated with pushing the water through the canal system to where it is delivered is a shared fixed cost known as the water duty and is calculated into the cost per acre foot to the user. The water duty varies significantly by several factors to include evaporation, infiltration, rehydrating a canal, etc. In a push water situation, the water duty increases significantly due to the system not continually being primed. In the history of the District, push water has never occurred. Determining an actual push water duty in advance is not possible given the ever-changing factors involved.

### **II. PUSH WATER IMPLIMENTATION**

The District will provide the municipalities with a 90-day notice of the potential for push water. Once all agricultural water is exhausted, the point of diversion for municipalities will shift to the CCID#2 pumping plant. Municipalities will continue to utilize their water meters to determine the actual delivered acre feet. These totals would be subtracted from the CCID#2 pumping plant meter to determine the push water. At this point the municipality(s) would be required to have enough water to prime the system as well as deliver the desired water needed. CCID#2 will pump four days a week on Monday - Wednesday and Friday intervals at 50 CFS for 24 hours. Pumping at that rate would provide enough for a 2.0 water duty and meet historical municipal demand. Maintaining a limited primed system theoretically will minimize the water duty during a push water scenario.

### **III. PUSH WATER COST CALCULATIONS**

Delivered water (as determined by the municipal’s meters) will continue to be charged at the contracted rate. Push water would be divided by all users based on a weighted calculation associated with the water ordered multiplied by the contracted rate.