TITLE: Irrigation Water Specialist       SECTION: Zanjero

DEPARTMENT: Service       SRN: 32

REPORTING RELATIONSHIP:

Reports to: Zanjero Supervisor

Supervises the following positions: Assists with supervisory control operators

DEFINITION:
Under general supervision to coordinate the activities connected with the control, delivery and conservation of water, evaluate the performance of the supervisory control and data acquisition system (SCADA), train and assist supervisory control operators, coordinate the water efficiency efforts between the control room operators and the Zanjeros, to find solutions to water wasting situations in various agricultural applications, write letters to correct water waste, and do related work as required.

Distinguishing Characteristics: Irrigation Water Technician is the entry level class. Will perform a variety of skilled duties and responsibilities involved with agricultural irrigation.

Irrigation Water Specialist is the advanced level class in this series. This class differs from the lower-level class based on the skill level and complexity of assigned duties and projects. Requires sound judgment and independent problem solving abilities.

ESSENTIAL FUNCTIONS:

1. Regularly monitors and analyzes irrigation gate positions, gate operation, and water levels monitored by the SCADA system and confirms actual status at the site to ensure that accuracy of the distribution system is maintained.

2. Coordinates work between supervisory control, Zanjeros, technicians, electricians, and canal maintenance crews to provide uninterrupted service to the district's customers.

3. Monitors and analyzes the irrigation canal and distribution system to ensure that district personnel and the district's customers practice rigorous water conservation measures in the delivery and use of water.

4. Regularly monitors for tail water, documents incidents of water waste, and drafts letters to send to confirmed offenders.

5. Evaluates the performance of the SCADA system to make recommendations for improvements to the user interface and system performance and to help resolve operational problems.

6. Assists and substitutes for the supervisory control operator. Uses time skillfully and maintain proficient skills to perform the supervisory control operator essential functions when required. (See supervisory control operator job description)
Water Operations Specialist

ESSENTIAL FUNCTIONS (continued):

7. Fully trains the supervisory control operators to perform their essential functions stressing the importance of providing good customer service to both co-workers and the district's customers and assists with work schedule planning to ensure that all supervisory control work shifts are covered.

8. Communicates effectively with others both orally and in writing. Tactfully deals with the public and works cooperatively with others.

MINIMUM QUALIFICATIONS:

License or Certificates: Valid California Operators license issued by the State Department of Motor Vehicles. Department of Motor Vehicles driving record may influence employment or classification. Within 24 months of hire date, possess a D-2 operator’s certificate from the State of California Department of Health Services.

Experience:
Any combination of experience which would likely provide the required knowledge and abilities is qualifying. A typical way to obtain this knowledge and abilities would be to have two years experience comparable to that of both supervisory control operator and Zanjero II.

Knowledge of:
Basic mathematics
Principles of hydrography
Effective customer service
Effective telephone skills
Effective communication skills
Operation of two-way radio system
Computer work stations and consoles
Correct English usage, spelling, and grammar
Local Street names, locations, and geography
District policies, procedures, and regulations
Principles of operation of the domestic system
Principles of operation of the irrigation system
Principles of operation of the sanitation system
Supervisory control and data acquisition system operating procedures

Abilities:

Practices work habits that demonstrate good performance of the following: productivity, organization, common sense, safety awareness, quality of work, care of tools and equipment, housekeeping, and maintain effective working relationships.
Exercise independent judgment and initiative.
PHYSICAL REQUIREMENTS:

Driving: Moderate

See Attached for physical assessment form.