JOB DESCRIPTION

TITLE: WATER MANAGEMENT SPECIALIST II  SECTION: WATER MANAGEMENT

DEPARTMENT: COMMUNICATION & CONSERVATION  SRN: A-44  Date: August 6, 2014

REPORTING RELATIONSHIP:

Reports to: CONSERVATION COORDINATOR

Supervises the following positions: Not Applicable

DEFINITION: Under general direction, is responsible for the development, execution, monitoring, evaluation and modification of one or more of the District’s residential, commercial, golf course or agricultural water management program areas. Can provide expert technical assistance in one or more of these program areas to new and existing sites. Manages all components of a water conservation related projects in one or more of the District’s various water management programs; can design, execute, collect and analyze field tests, program performance data and surveys. Constructs final report and makes presentations to District management, stakeholders and public interest groups. Performs related work on new programs as required.

ESSENTIAL FUNCTIONS:

Able to perform all Water Management Specialist I Essential Functions.

Manages and or oversees all of the water conservation projects and programs within a specific Water Management area of operation: Residential (WBICs, Landscape rebates, Indoor), commercial (Plan checks, inspections, Smart Controllers, and Landscape Rebates), golf course (Certification, audits) or agriculture (Audits).

Designs field tests and surveys to determine soil characteristics, plant types and irrigation water application methods and efficiencies for each of a WM area’s programs.

Assists contractors, the general public and governmental officials with questions relating to an area of operation’s soils, plant types, irrigation requirements and techniques as related to efficient water use through email, phone, or in person.

Prepares area of operation informational papers and brochures relating to agricultural, golf course, landscaping, water usage, and conservation and other related subjects.

Authors informational papers and brochures relating to a program’s soil-water-plant management variables to promote efficient and sustainable water use.

Prepares and makes presentations to various groups regarding a program area’s water conservation related subjects.
Prepares and makes presentations to various groups regarding residential/commercial landscaping, golf course, agricultural irrigation and water conservation related subjects.

Prepares or directs the preparation of landscape and irrigation plans for various district facilities.

Performs related duties as assigned.

**MINIMUM QUALIFICATIONS:**

**Education and Experience:** The minimum educational background is a Bachelor’s Degree from an accredited university in Natural Resources Management, Agronomy, Horticulture, Irrigation, or Landscape Architecture and four years’ experience as a Water Management Specialist I or equivalent.

**Skills/Abilities:**
- Read, review and prepare grading, landscaping, soils and irrigation system plans.
- Prepare comprehensive technical reports and recommendations.
- Perform a variety of field tests and water audits.
- Answer, resolve, and analyze customer questions & concerns.
- Work cooperatively with others.
- Tactfully and courteously deal with the public.
- Operate a computer workstation.

**Knowledge of:**
- CVWD regulations, policies & procedures
- Physical, chemical and nutrient analysis of soils.
- Principles and practices of landscape architecture.
- Principles and practices of irrigation scheduling.
- Principles and practices of irrigation system performance analysis and auditing.
- CVWD General landscape guidelines and irrigation system design criteria.
- Design of a wide variety of modern irrigation systems.
- Desert native and adapted plant types for the climate, soils and types of irrigation waters that exist within the District.
- Principles and standard methods of a variety of field tests and surveys as related to water consumption.
- Coachella Valley Water District rules and regulations.
- MS Word and MS Excel computer programs.

**PHYSICAL REQUIREMENTS:**

1. Drives District vehicle to job sites. Uses a two-way radio for communication.

2. Sits for prolonged periods of time.

3. Works alone in extreme weather conditions including heat and rain. May work in areas containing chemicals, dust, exhaust, fumes, insects, snakes and dogs.
4. May dig with shovel.

See Human Resources for physical assessment form.