



Job Description

Job Title: Environmental Services Lead Field Technician	Status: Non-Exempt
Salary Range: 16.5	Date: July 2021
Department: Environmental Services	Reports to: Environmental Services Manager

PURPOSE

Coordinates and conducts work on technical and usually field-based activities and projects that support the District’s environmental and conservation initiatives and functions intended to ensure regulatory compliance and long-term sustainability of the District’s water resources programs. This includes participating in ecological and environmental studies associated with monitoring and compliance activities within the District’s boundary and in the Santa Clara River watershed.

ESSENTIAL DUTIES AND RESPONSIBILITIES

- Coordinate and supervise field work involving a range of tasks including ecological investigations to support the District’s efforts to comply with environmental laws, rules, and regulations.
- Serve as lead technician for two full-time field technicians and a crew of part-time field assistants, including planning and scheduling field and laboratory-based tasks.
- Be responsible for maintaining a wide variety of field and lab equipment, including the Environmental Services Department’s vehicle fleet.
- Coordinate monitoring activities related to the operations of the District’s water resource management facilities, and fish passage structure. This includes monitoring flows, checking and adjusting gates as necessary, keeping an accurate log of facilities operations, and reporting fish observed.
- Coordinate implementation of the District’s Quagga Mussel Monitoring and Control Plan in the Santa Clara River watershed.
- Coordinate and supervise laboratory analyses of field samples and lab-based experiments.
- Coordinate exotic species management (bullfrogs, crayfish, turtles, non-native fishes).
- Assist District staff on ecological issues to ensure compliance with federal, state, and local environmental laws, rules, and regulations.

SPECIAL REQUIREMENTS

Work schedule may vary significantly due to variations in weather and river conditions, which affect fish passage and operation of fish passage facilities. The typical work schedule will be 40 hours per week; however, paid overtime may be required under some conditions. Work hours may include early morning, nighttime, and weekend shifts.

EMPLOYMENT QUALIFICATIONS:

Education And Experience

- Bachelor's degree from an accredited college or university with major course work in an environmental-related field (e.g., Biology, Ecology, Environmental Science, Hydrology) is desired.
- A minimum of 3-years field experience in ecological, environmental, or hydrological field monitoring.
- Experience coordinating or supervising a team consisting of multiple individuals.

Knowledge of

- Principles of ecology, biology, hydrology, geomorphology, and water resource management.
- Scientific methods and techniques of data collection, management, and analysis for ecological studies.
- Current technology including field equipment, and computers necessary to perform work tasks.
- Microsoft Word and Excel

Ability to

- Apply principles of logic and scientific thinking to a wide range of intellectual and practical problems.
- Work independently and with a team.
- Consistently and reliably follow written and verbal instructions, standard operating procedures, and protocols; read and interpret drawings and diagrams.
- Read, analyze, and interpret documents and data.
- Communicate effectively, both orally and in writing.
- Establish and maintain effective working relationships with District staff.
- Oversee technical and field staff.
- Learn and follow safety rules, practices, and procedures in all aspects of work, including: chemicals, tool usage, vehicle and equipment operation, and general field operations.

Certifications and Licenses

- Possession of a valid California Class C Driver's License is required upon hire.

PHYSICAL REQUIREMENTS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Work is performed both indoors and outdoors. Outdoor conditions may include rain, high winds, and unusually high or low regional temperatures and exposure to outside elements. While performing the duties of this job, the employee may also be occasionally exposed to

