

# SOUTH ORANGE COUNTY WASTEWATER AUTHORITY

## CLASSIFICATION STATEMENT

**TITLE:** Sampler/Laboratory Aide  
**DIVISION:** Environmental Compliance/Laboratory Services

**SALARY RANGE:** Range 35

### **DEFINITION:**

Perform water quality sampling of ocean waters, wastewater processes, potable water systems and entry level laboratory testing as needed for regulatory compliance, industrial waste source control, and plant process control. Also responsible for entering compliance and process control data into a computer database.

### **CLASS CHARACTERISTICS:**

This position reports directly to the Laboratory Manager with general supervision from senior level Laboratory Technicians.

**EXAMPLE OF ESSENTIAL DUTIES AND RESPONSIBILITIES:** *The following are not to be construed as exclusive or all-inclusive. Other duties may be required and assigned.*

- Collection of beach water quality samples
- Collection of wastewater and sludge samples and the analysis of sewage solids
- Collection of wastewater, recycled water and potable water
- Perform daily compliance required testing for pH, turbidity, BOD, cBOD, total and volatile suspended solids, grease and oil, settleable solids, conductivity, temperature and chlorine residual.
- Responsible for the entry of compliance and process control data.
- Work independently and ethically on weekends as part of regular work schedule.
- Follow Quality Assurance/Quality Control program procedures with conformance to the Environmental Laboratory Accreditation Act.
- Work efficiently and effectively with all other departments
- Comply with Agency safety rules and regulations.
- Perform other related duties as assigned and/or directed.

### **MINIMUM TRAINING AND EXPERIENCE REQUIRED TO PERFORM ESSENTIAL FUNCTIONS:**

- Equivalent of two years training from a University, college or junior college of recognized standing in the physical or biological sciences with an equal level of mathematics training.
- An associate arts degree in the physical, chemical or biological sciences is desirable and may substitute for wet chemistry laboratory training.
- Obtain, within two years of employment, California Water Environment Association, Laboratory I Analyst certificate.
- Must possess a valid California, Class C, driver's license in good standing.

### **PHYSICAL AND MENTAL ABILITIES REQUIRED TO PERFORM ESSENTIAL FUNCTIONS:**

**Language Ability and Interpersonal Communication:**

- Ability to analyze and categorize data and information to determine the relationship of data with reference to established criteria/standards. Ability to compare, count, differentiate, measure assemble, copy, and record and transcribe data and information. Ability to classify, compute and tabulate data.
- Ability to explain, demonstrate and clarify to others within well-established policies, procedures and standards. Ability to follow specific instructions and respond to simple requests from others.
- Ability to communicate effectively orally and in writing with Agency personnel.
- Ability to calculate percentages, fractions, decimals, ratios and algebraic equations.

**Judgment and Situational Reasoning Ability:**

- Ability to use functional reasoning and apply rational judgment in performing diversified work activities.
- Ability to exercise the judgment, decisiveness and creativity required in situations involving the evaluation of information against measurable criteria.

**Physical Requirements:**

- Must be able to pass Agency's pre-employment physical examination.
- Ability to coordinate eyes, hands, feet and limbs in performing movements requiring skill and training, such as assembling equipment.
- Ability to exert effort in strenuous physically demanding work, typically involving some combination of climbing and balancing, stooping, kneeling, crouching, crawling, lifting, carrying, pushing and pulling. Ability to lift and move 50 pounds or more.
- Ability to recognize and identify degrees of similarities or differences between characteristics of colors, shapes, sounds, odors and textures associated with job-related objects, materials and tasks.
- Ability to withstand exposure to inclement weather conditions, working in wet and/or odorous areas.
- Ability to be subject to 24-hour recall, variable working hours, overtime, weekends and holidays. May be required to perform stand-by duties and respond to plant emergencies

**Environmental Adaptability:**

Some tasks may risk exposure to temperature variations, sewage, toxic agents/chemicals, noise, machinery, vibrations, electrical currents, wetness and dust.

**SOCWA is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the Agency will provide reasonable accommodations to qualified individuals with disabilities and encourage both prospective and current employees to discuss potential accommodations with the employer.**

**HOW TO APPLY:**

. Please visit [www.socwa.com](http://www.socwa.com) to download an application and obtain additional information. Each candidate's background will be evaluated on the basis of information submitted.