

# WATER QUALITY MANAGEMENT SPECIALIST 1

Job Code	Pay Grade
17196	CL14

## Nature of Work

This is highly technical and professional work covering tasks and responsibilities related to implementing water quality management programs. The duties and responsibilities performed under this classification cover a wide variety of tasks in specialized technical, field, and office work relating to regulatory compliance and water quality monitoring projects. Work specializes in: collection and analysis projects in managing and monitoring potable water resources for the county; compliance with the Clean Water Act and the Safe Drinking Water Act by monitoring, inspecting, sampling, and evaluating data; enforcement of regulations and codes related to the protection of public health and the environment as related to the quality of groundwater, surface water, wastewater, reclaimed water, and potable water. Incumbents perform a wide variety of highly technical and professional tasks; however, some of the more complex duties, responsibilities, and project assignments are performed in combined efforts with more senior technical supervision. The position reports to a team leader, Senior Water Quality Management Specialist, or designee.

## Minimum Qualification Requirements

- Associate's degree with major course work in environmental, physical, natural or biological science or related field plus 2 years experience in field water quality monitoring experience; or
- Bachelor's degree with major coursework as described above; or
- An equivalent combination of education, training, and/or experience.

## Appointing Authority May Also Require

- Florida Driver's License or Florida Commercial Driver's License and endorsement, if any.
- Assignment to work a variety of work schedules including compulsory work periods in special, emergency, and/or disaster situations.
- Employee to obtain and possess a Florida Department of Environmental Protection (DEP) Water or Wastewater Plant Operator Class "C" License as set forth in Florida Administrative Code Chapter 62-602, DEP describing Water or Domestic Wastewater Treatment Plant Operators and Water Distribution System Operators license.
- Employee to acquire and maintain certification in designated areas according to area of assignment.
- Employee to terminate employment for failure to achieve and maintain necessary training, education, experience, and required license(s) to perform in designated area of assignment.
- Employee to perform under working conditions that require climbing, stooping, kneeling, crouching, reaching, standing, walking, lifting, grasping, feeling, talking, hearing, seeing, and repetitive motions. Incumbents may also be subjected to moving mechanical parts, electrical currents, hot equipment (pumps, mufflers, engines), inclement weather, vibrations, fumes, odors, dust, poor ventilation, low lighting, intense noise and travel.
- Other highly desirable knowledge, skills, abilities, and credentials relevant to a position.

## Illustrative Tasks (These are examples and are not all inclusive.)

- Processes and sorts samples collected and preliminarily reviews and analyzes data.
- Responds to customer complaints, investigates complaints, re-samples and analyzes results, explains procedures to customer.
- May participate in special collection system, distribution system, surface water monitoring, ground water monitoring, and hydrologic studies.
- Assists businesses, contractors, developers, engineers and the public with interpretation of environmental regulations and compliance with federal, state and local environmental laws, codes and regulations.
- May collect and maintain technical environmental data, interpret the results of laboratory tests, evaluate ecological and environmental impact, and develop reports on specialized studies.

## WATER QUALITY MANAGEMENT SPECIALIST 1 (continued)

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### Illustrative Tasks (continued)

- Operates, calibrates and cleans technical field sampling and monitoring equipment.
- Conducts sampling and field investigations for water quality programs including the operation, calibration and routine maintenance of specialized sampling apparatus and pollution control testing and monitoring equipment.
- Prepares and may serve fine citations and other applicable enforcement actions.
- May conduct facility inspections related to the Industrial Pretreatment Program and Grease Management Program.
- Performs all water quality monitoring in accordance with the Comprehensive Quality Assurance Plan to ensure all data is scientifically valid and legally defensible.
- Upon approval, orders monitoring and sampling equipment and supplies needed to accomplish projects.
- Maintains record books, charts, logs and chain of custody records.
- May be periodically required to be placed on stand-by and respond to emergency situations.
- May appear as expert witness.
- Performs related work as assigned or required.

### Knowledge, Skills, and Abilities

- Knowledge of environmental related codes, laws, rules, ordinances and regulations, and the principles of environmental pollution control and protection of public health.
- Knowledge of the principles, practices, techniques and instruments of water quality analysis.
- Knowledge of routine laboratory equipment, procedures and cleanliness requirements.
- Knowledge of mathematics and natural, physical and biological sciences.
- Knowledge of scientific research techniques including the collection of sampling data and preparation of environmental reports.
- Knowledge of OSHA regulations and recognized safety operating practices for field monitoring activities, safe workplace and laboratory work.
- Ability to apply computer applications and software.
- Ability to adjust, operate, maintain and calibrate laboratory, field monitoring and sampling equipment.
- Ability to perform standard laboratory examinations and tests according to accepted methods and procedures.
- Ability to read and interpret blueprints, plats, maps, aerial photos and diagrams.
- Ability to prepare reports and interpret laboratory results.
- Ability to operate basic computerized data analysis equipment.
- Ability to swim and operate small watercraft may be required, based upon area of assignment.
- Ability to testify in court as an expert witness.
- Ability to formulate and present ideas and findings clearly and concisely in written, oral or graphic form.

For official use only

Revised	EEOC Code	Overtime Code
11/15	Skilled Craftsmen	Classified