

# WATER QUALITY MANAGEMENT SPECIALIST, SENIOR

Job Code	Pay Grade
17204	CL18

## Nature of Work

This is highly technical, professional, and supervisory work for the water quality management programs and activities. This classification requires the incumbent to be responsible for formal supervision of numerous professional and technical staff or be responsible for advanced program management tasks that impact department wide water quality, business, customer relations, and operating plans. An incumbent is responsible for supervising and directing the efforts of subordinates performing a variety of tasks in specialized technical field and office work relating to 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, 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. The position reports to the Water Quality Monitoring Manager or a senior manager.

## Minimum Qualification Requirements

- Associate's degree with major course work environmental, physical, natural or biological science or related field plus 4 years experience in field water quality monitoring experience that includes lead worker, supervision or supervisory training; or
- Bachelor's degree and 2 years experience 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 required.
- Assignment to work a variety of work schedules including compulsory work periods in special, emergency, and/or disaster situations.
- Experience to include actual supervisory experience directing professional or technical personnel responsible for water quality control activities.
- Possession and maintenance of Florida Water and Pollution Control Operator's Association (FWPCOA) "C" license.
- Other highly desirable knowledge, skills, abilities, and credentials relevant to a position

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

- Supervises or provides advanced leadership department wide direction for subordinate staff implementing regulatory water quality programs, customer services, and water quality maintenance.
- Performs advanced management analyses and program direction tasks that impact department wide water quality, business, customer relations, and operating plans.
- Manages water quality monitoring projects entailing investigations of hydrological, biological, geological and/or chemical problems relating to water resources.
- Participates in special groundwater monitoring, hydrologic and other special studies and monitoring projects.
- Coordinates and directs technical personnel in the collection and analyses of field data; assures quality control measures are followed.
- Evaluates and analyzes data collected; prepares written and verbal reports on findings of projects.
- Resolves or oversees the resolution of customer complaints regarding water quality.
- Acts as liaison with businesses, contractors, developers, engineers, and the public with interpretation of environmental regulations and compliance with federal, state and local environmental laws, codes and ordinances.
- May collect and maintain technical environmental data, interpreting the results of laboratory tests, evaluating impacts, and developing reports on specialized studies.
- Evaluates conformance with established environmental codes, ordinances and regulations and recommends enforcement action based on inspection findings.

# WATER QUALITY MANAGEMENT SPECIALIST, SENIOR

Job Code	Pay Grade
17204	CL18

## •Illustrative Tasks (continued)

- May conduct facility inspections related to the Industrial Pretreatment Program and Grease Management Program.
- Oversees compliance with the Comprehensive Quality Assurance Plan to ensure all data is scientifically valid and legally defensible.
- Selects appropriate monitoring and sampling equipment and supplies needed to accomplish projects; responsible for the safety and upkeep of the equipment used in the projects.
- May supervise and train technical personnel, serve as project leader over other staff, or may perform work of subordinate technical personnel as needed.
- Reports violations of water quality standards or other permit conditions to the appropriate regulatory agency.
- Completes periodic statistical reports and submits to department management and regulatory agencies.
- Assists in preparation of the annual budget for assigned section.
- Completes special projects and coordinates special department initiatives.
- 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 of water quality analysis.
- Knowledge of federal, state and local standards, rules and regulations pertaining to water quality monitoring, sampling and analysis.
- Knowledge of routine laboratory equipment, procedures and cleanliness requirements.
- Knowledge of mathematics and natural, physical and biological science.
- Knowledge of scientific research techniques including the collection of sampling data and preparation of environmental reports.
- Knowledge of the causes and effects of salt water intrusion and other potential contaminants to well fields.
- Knowledge of the wastewater treatment processes, including the collection and transmission system.
- Knowledge of the water treatment processes and testing of water supply systems.
- Knowledge of OSHA regulations and recognized safety procedures and practices for field monitoring activities, safe workplace, and laboratory work.
- Knowledge of the principles of environmental contamination and the ability to perform impact assessments.
- Knowledge of hydrology, geology, chemistry, and the biological sciences.
- Ability to apply computer applications and software.
- Ability to manage and supervise water quality personnel and programs.
- 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 present ideas and findings clearly and concisely in written, oral, and graphic form.
- Ability to appear in court as an expert witness.
- Ability to adjust, operate, maintain, calibrate, and perform routine maintenance or repair on technical field and laboratory equipment.
- Ability to swim and operate small watercraft may be required, based upon area of assignment.

For official use only

Revised	EEOC Code	Overtime Code
11/15	Skilled Craftsmen	Classified