

JUNIOR WATER QUALITY CONTROL TECHNICIAN

Code No.: 4-18-080

COMPETITIVE

DISTINGUISHING FEATURES OF THE CLASS: This is a technical position responsible for taking water samples and tests for quality and chemical and bacteriological content for the Monroe County Water Authority. The employee may also test sludge residues from the Central Processing Facility. The employee may be required to climb ladders or stairs and enter confined or restricted spaces, including subgrade facilities, and maneuver or work in tight quarters around machinery. The employee reports directly to, and works under the general supervision from, a senior-level staff member. The employee normally works in the Water Treatment Plant Laboratory under the direction of a trained chemist. Does related work as required.

TYPICAL WORK ACTIVITIES: (All need not be performed in a given position. Other related activities may be performed although not listed.)

Takes water samples at regular intervals at various locations for quality checks;

Performs chemical and bacteriological tests of samples for such conditions as: turbidity, hardness, alkalinity, chlorine, fluoride, pH, and sludge caking ability;

Keeps logs and records of analytical work done;

Makes field investigations of complaints by customers as required;

Assists in making special studies and tests for water quality improvement;

Assists in maintaining physical inventory of laboratory chemicals and supplies and requisitions as needed.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS: Good knowledge of correct measures to improve water potability; working knowledge of operation and maintenance problems of the water treatment plant; good knowledge of chemical and bacteriological testing techniques and tests required in a water and sludge treatment plant; ability to keep records and logs; ability to analyze data; ability to write clear, concise reports; ability to establish good working relationships with staff and customers; accuracy; thoroughness; reliability; initiative; tact and courtesy in dealing with customers; integrity; good judgment; physical condition commensurate with the demands of the position including ability to stand for long periods of time.

MINIMUM QUALIFICATIONS: Graduation from a regionally accredited or New York State registered college or university with an Associate's degree in the chemical, environmental, or biological sciences, including a minimum of four (4) semester credit hours in general Microbiology.

SPECIAL REQUIREMENTS:

Qualifications of laboratory personnel are subject to the provisions of Subpart 55-2 to Part 55 of Title 10 NYCRR.

Possession of a valid New York State Class D Driver's License at time of appointment.

*Candidates must submit a copy of student transcript with their applications.

SPECIAL REQUIREMENT FOR APPOINTMENT IN SCHOOL DISTRICTS AND BOCES:

Per Chapter 180 of the Laws of 2000, and by Regulations of the Commissioner of Education, to be employed in a position designated by a school district or BOCES as involving direct contact with students, a clearance for employment from the State Education Department is required.

REVISED: October 23, 1986

REVISED: April 15, 1993