

433712/19/05

CITY OF RIVERSIDE
HUMAN RESOURCES DEPARTMENT
CLASSIFICATION SPECIFICATION

TITLE: UTILITIES WATER QUALITY TECHNICIAN
DEFINITION

Under direct supervision to collect water quality samples from potable and recycled water sources and distribution systems; to interface with laboratory personnel; to investigate consumer water quality complaints; and to do related work as required.

DISTINGUISHING CHARACTERISTICS

This is the journey level class in which incumbents perform semi-skilled tasks involving the collection of potable and recycled water quality compliance and monitoring sampling.

REPORTS TO: Utilities Water Quality Supervisor

SUPERVISION RECEIVED AND EXERCISED

Receives direct supervision from the Utilities Water Quality Supervisor.

EXAMPLES OF DUTIES

Typical duties may include, but are not limited to, the following:

- Perform a variety of semi-skilled and skilled jobs involving the collection of potable and recycled water quality samples at various points throughout the distribution system for the analysis of Total Cominform and regulated constituents.
- Take routine pressure readings on transmission and distribution systems pipelines.
- Schedule routine and non-routine sampling events.
- Responds to routine water quality customer service calls and performs troubleshooting of water quality problems.

QUALIFICATIONS

Knowledge of:

- General principles and practices of modern chemistry, bacteriology and microbiology as applied to water systems.
- State and Environmental Protection Agency potable water standard.
- General mathematics.
- General laboratory procedures.
- Methods and procedures for collecting water samples.

Ability to:

- Recognize water distribution problems.
- Keep detailed records accurately and neatly.

- Assemble data and prepare reports.
- Work independently in the absence of a supervisor.
- Communicate clearly and concisely, both orally and in writing.
- Establish and maintain effective working relationships with those contacted in the course of work.

Education and Experience:

Any combination of experience and education that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Education: Equivalent to the completion of the twelfth grade. The possession of an Associate Art's or Associate Science degree with course work related to the waterworks industry is highly desirable.

Experience: Three years of increasingly responsible experience working in the water industry. Experience as a water distribution operator, water treatment operator or water sampler is highly desirable.

MEDICAL CATEGORY: Group 1

NECESSARY SPECIAL REQUIREMENT

Possession of an appropriate, valid class "C" California Motor Vehicle Operator's License.

Possession of a valid Grade 1 Water Treatment Operator Certificate and Grade 1 Water Distribution Operator Certificate issued by the State of California.

A valid Grade 2 Water Treatment Operator Certificate and/or a Grade 2 Water Distribution Certificate issued by the State of California is highly desirable.

CAREER ADVANCEMENT OPPORTUNITIES

FROM: Utilities Water Quality Technician

TO: Utilities Water System Operator series