

CLASS TITLE: **Water Quality Inspector I/C**

CHARACTERISTICS OF THE CLASS: Under general supervision, supervises and participates in the collection and testing of water samples to ensure conformance to water purity standards; and performs related duties as required.

ESSENTIAL DUTIES: Supervises the collection of water samples from distribution system locations on a daily basis; monitors and participates in the performance of chlorine residual tests at each collection point; supervises and assists in the utilization of chlorine residual recorders; directs the delivery of samples to the Water Purification Division for additional and more detailed examination; assists engineers in conducting water surveys and inspections of lake water and dead-end mains, water fountains, public buildings and perimeter locations; supervises and takes part in water sample collection for chemical and bacteriological analyses; supervises and reviews the maintenance of records of water samples collected, tests performed and problems observed.

RELATED DUTIES: Drives to field sites to collect specimen.

MINIMUM QUALIFICATIONS:

Training and Experience. Two years of progressively responsible water quality inspection experience, or an equivalent combination of training and experience. A valid State of Illinois driver's license is required.

Knowledge, Abilities and Skill. Considerable knowledge of the practices and procedures used in conducting water quality surveys. Considerable knowledge of the operation of water testing equipment.

Ability to supervise and inspect the work of subordinates.  
Ability to maintain accurate records. Ability to drive a vehicle.

Skill in identifying and evaluating water sampling problems.  
Skill in applying the principles used in water sampling and testing. Oral and written communication skills.

Physical Requirements. Ability to occasionally lift and carry up to thirty-five pounds. Ability to occasionally climb stairs. Ability to frequently stand and walk.

Working Conditions. Exposure to inclement weather and a wet environment is unavoidable.

Equipment. Standard office equipment, pH meters, thermometers, chlorine test kits and sample collection bottles.

NOTE: While the list of essential duties is intended to be as inclusive as possible, there may be other duties which are essential to particular positions within the class.