

## ENVIRONMENTAL TECHNICIAN I

NATURE OF WORK IN THIS CLASS:

This is routine technical work in the environmental health and protection fields.

Employees in this class perform routine technical duties independently after initial training and work under closer supervision on a variety of more complex developmental assignments.

ILLUSTRATIVE EXAMPLES OF WORK: ( These examples do not list all the duties which may be assigned; any one position may not include all the duties listed).

Participates in performing routine field tests by assisting in the preparation and installation of testing apparatus and mixing of stock solutions for testing; assists in performing testing activities in proper sequence and conducting basic measurements and calculations; logs observations, calculations and test readings; records specific conditions that influence field tests; and assists in making limited interpretations regarding environmental health implications of completed test results.

Assists in the location and identification of designated sampling sites geographically by interpretation of maps, codes, graphs, and other geographical information; participates in the collection procedures for samples or specimens from streams, lagoons, waste treatment facilities and systems, potable water treatment and distribution systems, potable water sources, swimming pools, food manufacturers, food retail and wholesale establishments, food service establishments and concessions, industrial plants or other sources of air pollution; assists in identification of samples of specimens collected; assists in calibrating and utilizing necessary sampling equipment in conducting sampling procedures; collects and transfers samples or specimens to containers; labels all specimens and samples collected with name and location; assists in observing unique or unusual conditions regarding sampling site or collected items; assists in making limited interpretations regarding the environmental health implications of observed sampling situations; and transports samples and specimens to laboratory.

Assists in conducting preliminary environmental evaluations of health regulated establishments, industrial plants, public institutions, commercial establishments, public buildings and private residences in response to public complaints or in an effort to gather environmental survey data.

Participates in the maintenance and servicing of facilities and equipment utilized in collection of environmental samples and specimens; makes routine inventories of equipment and supplies necessary in the operation of environmental monitoring programs; participates in training designed to develop rudimentary proficiency in either air pollution, water pollution, industrial hygiene environmental health, and safety.

Communicates environmental health information by distributing educational pamphlets, brochures and booklets to the public; assists in interviews of persons to obtain information about environmental health concerns.

Prepares preliminary technical reports concerning field assignments.

Performs related duties as required.

MINIMUM KNOWLEDGE, ABILITIES AND SKILLS:

Ability to learn the basic principles and practices of general science.

Ability to learn how to collect and conduct air and water sample analysis.

Ability to make arithmetic computations.

Ability to conduct investigations with tact and impartiality.

Ability to understand and follow routine procedures and instructions.

Ability to learn to maintain service facilities and equipment.

Ability to communicate effectively, orally and in writing.

Ability to work effectively with the public and employees.

Ability to maintain records and prepare reports.

Ability to meet the physical requirements of assigned duties.

Skill in the safe operation of a motor vehicle.

MINIMUM EXPERIENCE AND TRAINING:

(A) One year of experience as an Environmental Aide or equivalent work and graduation from high school; or

(B) Any equivalent combination of experience and training which provides the minimum knowledge, abilities and skills.

NECESSARY SPECIAL QUALIFICATION:

Possession of a valid driver's license.

ESTABLISHED: JULY 1980

  
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DAVID R. FLORES, Executive Director  
Civil Service Commission