

CLASS SPECIFICATION

SAN DIEGO CITY CIVIL SERVICE COMMISSION

ASSISTANT LABORATORY TECHNICIAN

DEFINITION:

Under general supervision, to perform simple and routine chemical and bacteriological testing and sampling; and to perform related work.

* EXAMPLE OF DUTIES:

- Reads culture tubes and agar plates to determine the extent of bacterial growth;
- Reads results of chemical tests such as biological oxygen demands, chlorine field tests, pH values, and extent of dissolved oxygen;
- Independently collects various samples at designated sampling points located at beaches, bays, reservoirs, treatment plants and drinking fountains while maintaining "chain of custody" requirements;
- Separates marine animals from sediments using a dissecting microscope;
- Collects and records data;
- Performs basic chemical analyses of water, waste water, and industrial wastes;
- Investigates sewage odor complaints;
- Maintains accurate inventories of sampling supplies, reagents, etc;
- Acid washes glassware for chemistry laboratory and fires glassware for organic analysis;
- Transports equipment, samples, and supplies;
- Logs and distributes incoming samples;
- Disposes of hazardous materials in an safe and legal manner;
- Performs related work as assigned.

MINIMUM QUALIFICATIONS:

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Announcement for updated minimum qualifications.

Satisfactory completion of at least one college level course in both Biology and Chemistry, one of which must have included laboratory work; **OR** one year of laboratory experience, **AND** satisfactory completion of at least one course in Biology or Chemistry, one of which must have included laboratory work; **OR** two years of general laboratory experience. Qualifying laboratory experience must include measuring and mixing chemicals or microbiological reagents and media, maintaining laboratory supplies, and operating laboratory equipment such as pipette machines, pH meters, balances, or sterilization equipment. Possession of a valid California Class C Driver's License.

- * **EXAMPLES OF DUTIES** performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.