CLASS SPECIFICATION
SAN DIEGO CITY CIVIL SERVICE COMMISSION

MARINE BIOLOGIST II

DEFINITION:
Under general supervision, to perform journey level professional marine studies as part of a wastewater treatment plant ocean monitoring program; to collect and analyze seawater, bottom sediment and marine plant and animal specimens; to perform taxonomic identifications of benthic organisms and fish; and to perform related work.

* EXAMPLES OF DUTIES:

● Identifies, counts and classifies marine invertebrates;
● Preserves and maintains a collection of marine flora and fauna;
● Analyzes data and study findings;
● Performs acute and chronic bioassays on various marine specimens;
● Performs a variety of biostatistical analyses using a computer to analyze, review and evaluate ocean monitoring data;
● Calibrates, maintains, programs and operates complex oceanographic, navigational and deep water survey and equipment;
● Conducts ocean current studies and deep water surveys;
● Performs field identifications on fish trawls;
● Samples ocean water and bottom sediments from an ocean monitoring boat and shore locations;
● Stores and preserves samples;
● Assists in the design of sampling procedures and analytical protocols for special studies;
● Writes narrative summaries of oceanographic data for reports;
● Performs quality assurance checks;
● Maintains manual and computerized technical logs and records;
● Writes and modifies application programs for the laboratory's computer systems and assists in database and network administration;
● Assists in training technical staff;
● Works with scientists from other agencies to ensure that lab data is consistent and accurate;
● May use SCUBA equipment to dive and collect marine specimens and perform other inspections and repair work of the sewage outfall area.

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.

College graduation with a Bachelor's degree in Marine Biology, Oceanography or a closely related field, AND one year of professional level marine biology experience.

* 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.