

# Marine Biologist / Aquatic Toxicologist Positions

## City of San Diego Public Utilities Department Environmental Monitoring & Technical Services Division

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The City of San Diego currently has openings for two full-time, permanent marine biologist positions with its Marine Biology Laboratory and Ocean Monitoring Program. Official recruitment for these positions is scheduled to occur between December 23, 2011 and January 23, 2012, and interested parties should visit the City's job website ([www.sandiego.gov/empopp](http://www.sandiego.gov/empopp)) for application information and procedures.

### **GENERAL DESCRIPTION:**

These are entry-level professional positions in the City of San Diego's Marine Biologist series. Marine Biologists are responsible for conducting the City's ocean monitoring activities and assessing the effects of wastewater discharge on the marine environment. Marine Biology personnel are organized into five functional work groups: 1) Data Management and Reporting, 2) Information Technology and GIS Systems [IT/GIS], 3) Ocean Operations, 4) Taxonomy, and 5) Toxicology. Specific duties will be detailed in the formal job announcement, which will soon be posted on the City's website (see above). Although the current vacancies are within the Data Management & Reporting and Toxicology groups, this is subject to change, plus successful applicants will be expected to work across groups as needed. Additional openings may also occur in any of the work groups, and qualified candidates from this recruitment may be used to fill these future vacancies. Thus, anyone who may be interested in any Marine Biologist position with the City over the next 1-2 years is encouraged to apply.

### **QUALIFICATIONS:**

Strong educational background and/or work experience in life sciences, including formal training in and knowledge of sub-disciplines such as aquatic toxicology, environmental monitoring, marine ecology, and oceanography. Applicants interested in the Toxicology position should have demonstrated experience in conducting acute and chronic aquatic toxicity tests using standardized protocols and aquatic organisms. Additional Toxicologist duties include field sampling, data analyses, and reporting for all routine monitoring efforts and special projects. Applicants for the current opening in the Data Management and Reporting work group should be skilled in environmental data analysis, interpretation, and technical writing, as well as having competencies with various data management, statistical, and ecological assessment software (e.g., R, SAS, Oracle, PRIMER, SYSTAT, SQL, Microsoft Office Suite). Additional desirable qualifications for all work groups include: knowledge of the ecology, systematics and taxonomy of marine invertebrates, and skills in the identification of benthic macrofaunal species; knowledge of the ecology and taxonomy of marine fishes; knowledge of bioaccumulation processes relevant to marine organisms, especially fishes; knowledge of and experience using ocean sampling equipment/instrumentation; demonstrated experience in data and database management, GIS, and/or relevant IT skills such as web development; SCUBA certification.

**SALARY RANGE:**     \$3,913 – \$4,720 per month (Marine Biologist I series, entry level)  
                              [\$4,493 – \$5,463 per month (Marine Biologist II series)]

### **QUESTIONS/ADDITIONAL INFORMATION:**

*Please contact:*

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