

**CLASS SPECIFICATION**

**SAN DIEGO CITY CIVIL SERVICE COMMISSION**

**STORM WATER ENVIRONMENTAL SPECIALIST II - 1039**

**DEFINITION:**

Under general supervision, to perform journey-level professional storm water and urban runoff monitoring and enforcement, education, and mitigation projects; and to perform related work.

**\* EXAMPLES OF DUTIES:**

- Provides support and oversight of the City's storm drain system maintenance activities;
- Conducts investigations related to environmental resource management, monitoring, and mitigation;
- Implements sampling and survey procedures and analytical protocols for field monitoring;
- Assists in the design and performance of sampling procedures and analytical protocols;
- Performs chemical analysis on water samples;
- Researches, compiles, and analyzes field data to comply with regulatory requirements;
- Prepares complex technical reports and technical guidance documents;
- Reviews development plans and other reports to determine impact on storm water pollution;
- Manages environmental and laboratory contracts for environmental sampling and analysis;
- Reviews environmental legislation and regulations for impact on City operations;
- Analyzes water quality data;
- Interfaces with regulatory agencies and interagency committees concerning storm water monitoring program elements and reporting procedures;
- Participates in cooperative monitoring, special studies, mitigation, and clean-up projects with other governmental and non-governmental agencies;
- Calibrates and maintains field sampling equipment;
- Collects storm water quality samples from the MS4 system, ocean, receiving water, and illicit discharges;
- Participates in special committees and task forces;
- Prepares and reviews illicit discharge reports;
- Participates in watershed and other water quality survey programs;
- Testifies in court;
- Uses Geographic Information System (GIS) and/or ArcGIS software to display, upload, and edit GIS data;
- Records data and maintains equipment records and logs;
- Performs research and special studies.

\* **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.

### **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 Description for updated minimum qualifications: <https://www.governmentjobs.com/careers/sandiego/classspecs>.

Bachelor's Degree in Biology, Chemistry, Ecology, Environmental Planning, Environmental Science, or a closely related field; **AND** one year of full-time professional-level experience in storm water monitoring, environmental planning, and biological impact analysis which must include at least one of the following: researching, analyzing, and preparing biological studies and/or environmental impact reports pertaining to storm water or related issues; evaluating environmental impact reports or biology studies pertaining to storm water or related issues for content, completeness, and accuracy; or performing storm water quality monitoring for National Pollutant Discharge Elimination System (NPDES) permit compliance and special studies.