

**CLASS SPECIFICATION**

**SAN DIEGO CITY CIVIL SERVICE COMMISSION**

**STORM WATER INSPECTOR II - 1126**

**DEFINITION:**

Under general supervision, to perform journey-level storm water inspections and investigations and enforcement of storm water regulations and permitting; and to perform related work.

**DISTINGUISHING CHARACTERISTICS:**

This is the journey-level class in the Storm Water Inspector series. Positions are assigned the full range of inspection, permitting, investigation and enforcement duties, with only occasional instruction and assistance as new or unusual situations arise. Positions classified at this level may be underfilled with a Hazardous Materials/Pretreatment Trainee or a Storm Water Inspector I in accordance with the City's Career Advancement Program.

**\* EXAMPLES OF DUTIES:**

- Inspects, investigates, and regulates industrial and commercial businesses and residences for proper compliance, operation, maintenance, and enforcement of structural control best management practices (BMP), and applicable City Municipal Code;
- Investigates, determines, and mitigates storm water pollutant sources;
- Educates and performs outreach to business owners and citizens regarding storm water pollution prevention, BMP implementation, and storm water regulations;
- Gathers samples, conducts field tests, and analyzes test results;
- Determines appropriateness of storm water systems;
- Explains discharge regulations to the industry;
- Recommends chemical and other constituents to be tested and helps determine appropriate sampling protocols;
- Drafts discharge permits;
- Conducts research to gather information regarding compliance and laboratory analysis history, property ownership, legal property description, deed information, permits, and drainage history;
- Utilizes databases and spreadsheets for report generation and data storage/retrieval;
- Assists in the development of enforcement procedures and actions;
- Initiates enforcement action to secure permit compliance and issues administrative citations;
- Utilizes databases and spreadsheets for report generation and data storage/retrieval;
- Determines source of pollutants;
- Makes recommendations to business owners for best practice operations to ensure compliance;
- Conducts field tests for suspected illegal discharges and collects samples.

**\* 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.

- Writes and prepares technical reports.

**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>.

A Bachelor's Degree in Chemical Engineering, Environmental Engineering, Chemistry, Biology, Environmental Science, or Water Resources, **OR** a Bachelor's Degree in a closely related field which must include the completion of at least 16 semester/24 quarter college-level units of both lecture and laboratory course work in construction management, geology, chemistry, physics, biology, and/or environmental science for the purpose of demonstrating an understanding of fundamental physical, chemical, and biological processes, employing mathematics and computational tools as they relate to storm water pollution prevention; **AND** two years of full-time professional experience in one of the following: industrial or commercial inspection applying federal or state storm water regulations at industrial/commercial facilities; chemical engineering, environmental engineering, construction engineering, or sanitary engineering experience, which must include the design, operation, and/or inspection of structural Best Management Practices; storm water management experience for compliance with storm water pollution prevention plans and compliance with the State of California General Permits (MS4, IGP, Construction), and/or specific NPDES Permits (experience must include design, operation, inspection, and/or maintenance of storm water erosion and sediment control, using Best Management Practices); storm water sampling in the field or laboratory experience in an industrial program which must include the sampling and analysis of toxic pollutants as it relates to compliance with federal, state, and local storm water and/or wastewater regulations; environmental regulatory experience conducting site evaluations and determining compliance with environmental regulations, such as Municipal Codes and Permits, State General Permits, and other pertinent environmental regulations, which could include researching and developing alternative technologies and waste minimization strategies to reduce amounts of commercial/industrial waste.