

CLASS SPECIFICATION

SAN DIEGO CITY CIVIL SERVICE COMMISSION

WASTEWATER PRETREATMENT INSPECTOR II - 1375

DEFINITION:

Under general supervision, to perform journey-level wastewater pretreatment inspection, permitting, investigation, enforcement, or other regulatory management activities; and to perform related work.

DISTINGUISHING CHARACTERISTICS:

This is the journey-level class in the Wastewater Pretreatment 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 Wastewater Pretreatment Inspector I, in accordance with the City's Career Advancement Program.

*** EXAMPLES OF DUTIES:**

- Performs industrial and commercial wastewater pretreatment permit, compliance, or enforcement inspections;
- Determines appropriateness of wastewater pretreatment systems;
- Identifies existing or potential wastewater pretreatment process and industry operational problems that may lead to discharge problems;
- Explains discharge regulations to the industry;
- Conducts and leads the inspection of the most complex categorical industries;
- Recommends chemical and other constituents to be tested for, as well as determining appropriate sampling protocols;
- Drafts discharge permits and prepares reports;
- Assists in developing and implementing mandated programs and sub-programs;
- Conducts review of wastewater samples laboratory test data;
- Conducts research to gather information regarding water consumption and laboratory analysis history;
- Assists in the development of enforcement procedures and actions;
- Initiates enforcement action to secure permit compliance;
- Performs related work.

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

- * **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.

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 or Environmental Engineering, Chemistry, Biology, or a closely related field; **AND** two years of full-time professional-level industrial waste pretreatment inspection experience applying regulations at industrial facilities which must include all of the following: identifying and classifying processes subject to local regulations and/or federal pretreatment standards; determining whether pretreatment technology in place meets or exceeds model technology for the applicable category and standards; performing water use and loss audits; drafting permits that apply federal pretreatment standards and establishing monitoring requirements; developing manufacturing processes and pretreatment process flow diagrams; and calculating limits using the Combined Wastestream Formula (CWF), **OR** one year of full-time professional-level experience in one of the following options, as a primary job function: chemical, environmental, or sanitary engineering experience in the design, operation, and inspection of wastewater and/or pretreatment processes; chemical wastewater laboratory experience in an industrial waste program including the sampling and analysis of toxic pollutants; or environmental regulatory experience conducting site evaluations and determining compliance with environmental regulations.