

CLASS SPECIFICATION

SAN DIEGO CITY CIVIL SERVICE COMMISSION

WASTEWATER PRETREATMENT INSPECTOR III - 1376

DEFINITION:

Under direction, to lead the work of a professional staff engaged in wastewater pretreatment inspection, permitting, investigation, enforcement, or other regulatory management activities; to perform the more difficult regulatory management activities; to perform the more difficult technical work; and to perform related work.

DISTINGUISHING CHARACTERISTICS:

This is the super-journey/lead classification in the Wastewater Pretreatment Inspector series. Incumbents of this class are responsible for performing the most complex and responsible inspection, permitting, investigation, and enforcement work, and/or for leading the activities of professional wastewater pretreatment inspection staff.

*** EXAMPLES OF DUTIES:**

- Coordinates and leads the work of a staff performing 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;
- Interprets and determines impact of more complex regulations;
- Conducts and leads the inspection of the most complex categorical industries;
- Reviews and coordinates special investigations;
- Reviews and coordinates the self-monitoring program;
- Reviews and approves non-categorical permits;
- Recommends chemical and other constituents to be tested for, as well as determining appropriate sampling protocols;
- Drafts permits and prepares reports;
- Assists in Oracle database administration and develops structured query language scripts to retrieve and report data;
- 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;
- Reviews and approves standard sewer quality determinations and recommendations for billing adjustments;
- Assists in the training of professional inspectors;
- Performs related duties.

* **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>.

A Bachelor's Degree in Chemical or Environmental Engineering, Chemistry, Biology, or a closely related field; **AND** three 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** two years 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.