

CLASS SPECIFICATION

SAN DIEGO CITY CIVIL SERVICE COMMISSION

PRINCIPAL WATER RESOURCES SPECIALIST - 1047

DEFINITION:

Under direction, to plan, manage, and supervise a variety of water policy and water resource projects; and to perform related work.

*** EXAMPLES OF DUTIES:**

- Plans and manages complex projects relating to utility land management, watershed, and resource protection;
- Develops and implements source water protection programs for City watersheds and updates long-range water resource plans;
- Identifies, develops, and implements comprehensive water resource strategies and programs to meet projected long-term water requirements;
- Manages water resource planning initiatives including, but not limited to, water transfers, groundwater, recycled water, reclamations, seawater desalination, and integrated regional water management;
- Develops and updates long-range water resource plans and facilitates implementation of recommendations;
- Serves as the water policy expert for the department;
- Implements policies to optimize potential water resources;
- Prepares urban water management plans and water supply assessments;
- Assists with negotiation and coordination of multiple agency agreements;
- Works on groundwater management plans, and prepares annual Water Management Plans;
- Manages and analyzes reservoir hydrographic data;
- Works with policy makers from other local agencies to solve water transmission and disposal problems;
- Researches complex water policy issues and recommends a course of action;
- Reviews, analyzes, and recommends water policy efforts;
- Evaluates consequences of proposed water resource activities and presents findings and recommendations;
- Prepares executive summaries and staff reports for City Council consideration;
- Prepares water, wastewater, groundwater, and recycled water policy issue papers;
- Researches and recommends positions on pending water, groundwater, wastewater, and recycled water related legislation;
- Represents the interest of the City on water, wastewater, groundwater, and recycled water issues with local, regional, state, and federal agencies;
- Leads water resource planning and research efforts;
- Prepares grant proposals and associated contractual agreements while overseeing management of budgets and schedules;

* **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.

- Makes presentations to the City Council, elected officials, and other agencies and community groups;
- Implements and monitors long-term plans, goals, and objectives related to water resources;
- Evaluates consequences of proposed water resource activities and presents findings and recommendations;
- Manages consultants for planning and design efforts;
- Forecasts annual local and purchased water usage, and manages billing for purchased water;
- Manages strategic planning projects;
- Prepares environmental documents and obtains regulatory permits;
- Oversees environmental compliance of department activities;
- Manages habitat restoration and compensatory mitigation projects and programs;
- Supervises subordinate professional and technical staff;
- Prepares 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>.

Bachelor's Degree in Environmental or Civil Engineering, Environmental Science, Urban or Regional Planning, Natural or Physical Sciences, Public or Business Administration, or a closely related field (i.e., minimum completed units of 120 semester/180 quarter units); **AND** four years of full-time environmental, natural resource, water, wastewater, groundwater, stormwater, or recycled water experience performing professional-level resource planning, policy analysis, regulatory compliance, legislative or regulatory analysis, or project management.