

## CCWD Planning Department:

The Planning Department performs water supply planning, identifies future capital projects, conducts Engineering Studies to address immediate system improvements and Special Studies to develop new projects such as alternative energy facilities and regional water treatment projects. Typical Department responsibilities include water supply and demand analyses, hydraulic modeling, and review of permits and documentation.

### Assignment/Description:



**Assist with preparing the District's Treated Water Master Plan Update:** Update information on District facilities, water supply and demand data, and participate in an upgrade to the District's treated water distribution system hydraulic model.

**Perform Greenhouse Gas Inventory:** Update the greenhouse gas emissions audit. Tasks include surveying emissions resulting from electricity, natural gas usage, and other sources, performing calculations, and presenting the results to District staff.

**Develop tools to standardize forms:** Create tools to automate spreadsheet quality control checking and templates to ensure proper data archiving.

**Assist with GIS database update:** Update GIS database to accurately track land use information. Utilize GIS as a tool to analyze water demands.

**Perform Hydraulic Modeling Assignments:** Utilize the District's hydraulic model to analyze the distribution system. Assist in developing documentation, templates and protocols for system impact analyses. Coursework in computer modeling software or programming is desirable, but not required.

**Assist with permitting of Capital Projects:** Work with in-house staff and regulatory agencies

to secure necessary permits for Capital Projects.

**Questions?** Call Cheryl Martinez in CCWD Human Resources at (925) 688-8035 or send her an e-mail at [cmartinez@ccwater.com](mailto:cmartinez@ccwater.com)