CLASSIFICATION

Research & Development
Engineering Research Center Intern*
(20-25 hours per week)
*Year-round Internship

JOB DESCRIPTION:
Under supervision, this position will support pilot-scale system testing at the District’s Engineering Research Center (ERC) and support other related R&D activities throughout the treatment facility. Core responsibilities consist of daily upkeep of the ERC, including update pilot system logs, water sample collection, data entry, chemical supplies tracking etc. As the incumbent gains experience, duties will be expanded to include pilot system operations, including microfiltration, ultrafiltration and reverse osmosis systems startup, maintenance (chemical cleaning), troubleshooting, etc. Additional duties will include reviewing process performance data through applying basic scientific and engineering calculations and principals; conducting basic water quality analyses at lab facilities; and assisting with the preparation and presentation of technical reports.

QUALIFICATIONS:
Candidate must have basic knowledge of scientific and engineering principles via a minimum of two years of undergraduate study in Mechanical, Civil, Chemical or Environmental Engineering, Environmental Science or equivalent; the ability to apply a reasonable level of technical and mechanical aptitude; perform multiple duties in a timely manner with minimal supervision once trained; excellent written, verbal and organizational skills; good knowledge of basic computer skills (includes data entry, spreadsheets, word processing and presentation via Microsoft Office platform). Experience with water/wastewater treatment technologies and statistical methods is a plus. The incumbent must be flexible to work in multiple settings, including office, laboratory and outdoor areas such as the ERC and the surrounding treatment facility. The incumbent must be able to lift 20 lbs. and willing to operate and maintain large equipment.

Internships are to provide meaningful training and work experience for college students pursuing academic studies related to the District’s mission and goals. Interns must submit proof of full time enrollment, class schedules and grades each semester/quarter. Interns are not eligible for employee benefits. Interns are at will, and can be terminated at the discretion of the Department Manager with or without cause and with or without prior notice.

#1 - Interns must be currently enrolled full time (Fall/Spring) in an accredited bachelor or graduate program related to this field.
#2 - Interns must have at least one year remaining in school.
(You will not be considered if you do not meet the criteria for both #1 & #2 above)

***You must provide a résumé and a cover letter with your expected graduation date, your hours available to work and please explain how your schooling relates to this internship. You must also provide a copy of your current class schedule that includes units.

Hourly Rate: $15.00 per hour (undergraduate student)
$17.00 per hour (graduate student)

You must submit an OCWD online employment application to be considered.
Please visit www.ocwd.com to complete an application. Pre-employment drug screening is conducted for DOT Program positions. A valid California driver’s license and proof of automobile insurance is required. Applications will be accepted until a sufficient number apply. EOE