



SAN DIEGO COUNTY WATER AUTHORITY
invites applications for the position of:
Engineering Technician I

An Equal Opportunity Employer

SALARY:

<u>Hourly</u>	<u>Monthly</u>	<u>Annually</u>
\$28.39 - \$38.18	\$4,921.11 - \$6,618.39	\$59,053.28 - \$79,420.64

OPENING DATE: 02/02/18**CLOSING DATE:** 03/02/18 05:00 PM**THE ORGANIZATION:**

Join one of the San Diego region's most reputable and progressive public agencies!

The San Diego County Water Authority is an independent public agency that serves as San Diego County's regional water wholesaler. The mission of the San Diego County Water Authority is to provide a safe and secure water supply to its 24 member agencies serving the region's \$222 billion economy and its 3.3 million residents.

With an acute awareness of San Diego's dependence on imported water sources, the Water Authority is executing a long term strategy to diversify the region's supply sources, make major investments in the region's water delivery and storage system, and improve water use efficiency. Through dynamic leadership, thoughtful planning, and prudent fiscal policies, the Water Authority is cost effectively managing the region's water portfolio, while continuing to diversify supplies to enhance future reliability.

The Engineering Department is responsible for the design and construction of new regional water facilities in the Capital Improvement Program (CIP); rehabilitating or replacing facilities identified as part of the Asset Management Program; identifying and employing value engineering of design concepts to optimize facility and aqueduct system performance; managing major emergency facility repairs; and providing overall CIP programmatic monitoring and controls. It also manages the Water Authority's real-estate interests by managing the acquisition, disposal, and lease of real property; patrolling and managing 168 miles of right of way; and providing survey services. In addition, the department provides technical support to other agencies, departments, and member agencies.

THE POSITION:

Engineering Technician I is the entry-level class in the sub professional engineering series. Initially under direct supervision, incumbents develop knowledge of Authority facilities, design and construction methods, engineering records/files and both manual and computer-aided graphics, mapping and drafting/design procedures.

The candidate for the Engineering Technician I position will perform design drafter work in support of capital improvement projects. Specific work may include reviewing technical drawings, performing manual and computer-aided drafting, developing civil and mechanical engineering design drawings, and incorporating record changes to existing drawings. Depending on the candidate's qualifications and abilities for this position, duties may include but will not be limited to the following:

- Provides support for professional and technical engineering staff; assists in the preliminary design and preparation of engineering and right-of-way plans, sketches, layouts, graphic displays, exhibits, maps and plans for water conveyance facilities.

- Reviews water facilities plans and specifications for conformance with Authority standards.
- Provides administrative support for the assembly, printing and distribution of contract documents pertaining to engineering design and facility construction projects, in accordance with the Authority's procedures manual.
- Drafts maps, charts, diagrams and engineering tables using manual or computer-aided drafting techniques; performs routine calculations of water generation, hydraulics and other computations; checks slopes and elevations for conformance with Authority requirements; revises construction drawings and record drawings as directed.
- Prepares manual and computer-aided graphic designs, maps and illustrations, including displays and slides.
- Performs field inspection of Authority planning, design and construction projects for capital improvements and repair/replacement of existing facilities.

For further details regarding the duties and responsibilities, and qualification guidelines for this class specification, please click on the following link: [Engineering Technician I](#)

QUALIFICATION GUIDELINES:

Graduation from high school or G.E.D. equivalent, supplemented by college-level course work in civil engineering, drafting, surveying, construction management, engineering mathematics or related fields.

LICENSES / CERTIFICATES / SPECIAL REQUIREMENTS:

Some positions may require a valid California driver's license and the ability to maintain insurability under the Authority's Vehicle Insurance Policy.

APPLICATION PROCEDURE:

To be considered for this position, please submit an employment application and supplemental questionnaire by 5:00 p.m. on March 2, 2018. Resumes will not be accepted in lieu of a completed application and supplemental questionnaire. All applications and supplemental questionnaires will be evaluated in relation to the criteria outlined in this job announcement. The selection process may consist of an appraisal interview, writing exercise, and/or other appropriate screening methods.

To ensure timely and successful navigation, please consider applying early if you are new to the governmentjobs.com application system. For technical assistance with the online application system, please review the Governmentjobs online application guide, or contact their toll-free application support line at (855) 524-5627. If you have questions regarding the position, please contact Corinne Russell, Human Resources Analyst, at (858) 522-6663.

APPLICATIONS MAY BE FILED ONLINE AT:
<http://agency.governmentjobs.com/sdcwa/default.cfm>
 OUR OFFICE IS LOCATED AT:
 4677 Overland Avenue
 San Diego, CA 92123
 858-522-6660
hr@sdca.org

Job #18-24
 ENGINEERING TECHNICIAN I
 CR

An Equal Opportunity Employer

Engineering Technician I Supplemental Questionnaire

- * 1. Each applicant must complete this supplemental questionnaire as part of the application

screening and selection process. The information you provide will be reviewed and used to determine your eligibility to move forward in the selection process. Incomplete responses, false statements, omissions, or partial information may result in disqualification from the selection process. Do you agree to answer each supplemental question truthfully and that your responses can be verified from information included within the application?

Yes No

* 2. Do you possess a high school diploma or GED equivalent?

Yes No

* 3. Do you possess a valid driver's license (equivalent to California Class A, B, or C)?

Yes No

* 4. Please list any relevant college-level course work in drafting, engineering, surveying, mathematics or related field. If you possess a related college degree or certification, please list the type of degree/certification and area of study. If you do not have any of these, please type "N/A".

* 5. Please indicate your years of experience working in the civil engineering field performing design drafting.

- No experience
- Less than 1 year
- 1 - 2 years
- 2 - 3 years
- 3 - 4 years
- 4 - 5 years
- Over 5 years

* 6. Please indicate your years of experience performing manual drafting.

- No experience
- Less than 1 year
- 1 - 2 years
- 2 - 3 years
- 3 - 4 years
- Over 5 years

* 7. Please indicate your years of experience working with AutoCAD or MicroStation.

- No experience
- Less than 1 year
- 1 - 2 years
- 2 - 3 years
- 3 - 4 years
- 4 - 5 years
- Over 5 years

* 8. Please indicate your years of experience reading and interpreting engineering drawings.

- No experience
- Less than 1 year
- 1 - 2 years
- 2 - 3 years
- 3 - 4 years
- 4 - 5 years
- More than 5 years

* 9. Please indicate your years of experience working in a water utility.

- No experience
- Less than 1 year
- 1 - 2 years
- 2 - 3 years
- 3 - 4 years
- 4 - 5 years
- Over 5 years

* 10. Please indicate your years of experience working with GIS software.

- No experience
- Less than 1 year
- 1 - 2 years
- 2 - 3 years
- 3 - 4 years
- 4 - 5 years
- Over 5 years

* 11. Please indicate your years of experience working with 3D modeling.

- No experience
- Less than 1 year
- 1 - 2 years
- 2 - 3 years
- 3 - 4 years
- 4 - 5 years
- Over 5 years

* 12. Please list any graphic software you have experience with and the years of experience. If you have no experience in this area, please type "N/A".

* 13. Please describe your experience working in the civil engineering field performing design drafting, including the name of your employer, your role, and dates of employment. If you have no experience in this area, please type "N/A."

* 14. **APPLICANT'S ACKNOWLEDGMENT - NOTIFICATION VIA ELECTRONIC MAIL (E-MAIL)** The San Diego County Water Authority Human Resources Division uses e-mail to notify applicants of important information relating to the status and processing of your application. We do so as part of our ongoing efforts to increase operational efficiency, promote the conservation of resources, and minimize delays and costs. Therefore, as an applicant, please ensure that the e-mail address and contact information you provide are current, secure, and readily accessible to you. Do not share e-mail addresses. Spam or other filters should be adjusted to accept our e-mails. **We will not be responsible in any way if you do not receive our e-mails** (i.e., for the non-delivery of e-mail or if you fail to check your e-mail inbox on a timely basis). Read any notices that we send carefully and in a timely manner. Follow further instructions, if any. We recommend that you print and keep hard copies of our notices for your records. **I acknowledge that I have read, understand, and agree to the above.**

- Yes No

* Required Question