



COACHELLA VALLEY WATER DISTRICT
invites applications for the position of:

Assistant OR Associate Engineer - Stormwater/Irrigation

SALARY:	\$7,414.00 - \$12,295.00 Monthly
DEPARTMENT:	Engineering
DIVISION:	Stormwater/Irrigation
OPENING DATE:	11/01/22
JOB SUMMARY:	

TITLE: Assistant OR Associate Engineer
SRN A41: \$7,414-\$10,210, Monthly, Exempt
SRN A49: \$8,891 - \$12,295, Monthly, Exempt
 Bargaining Unit: CVWDEA
 DEPARTMENT: **Engineering**
 Division: **Irrigation/Stormwater**
REPORTING RELATIONSHIP:
Reports to: Engineering Manager
Supervises the following positions: N/A

**THIS POSITION WILL RECEIVE A COST OF LIVING INCREASE RANGING FROM 2-5%
EFFECTIVE JANUARY 1, 2023.**

DEFINITION: Under general direction, to plan, coordinate, and schedule civil engineering work involved in the planning, design, and construction of CVWD Irrigation, Drainage, and Stormwater facilities; and to do related work as assigned.

ESSENTIAL FUNCTIONS:

EXAMPLES OF ESSENTIAL FUNCTIONS:

1. Plans, designs, and constructs Irrigation, Drainage, and Stormwater facilities.
2. Performs project management and contract administration of Irrigation, Drainage, and Stormwater facilities including the canal system, the Irrigation distribution system, the stormwater channel and tributaries, and related facilities. This includes preparation of bidding documents, budgets, Board authorizations and presentations, schedules, contract summaries, negotiations in changes in contract scope, resolution of claims, and other related items. Performs presentations to the general public as needed.
3. Prepares estimates of quantities of materials. Prepares plans, profiles, maps and related drawings for construction projects. Prepares contract documents to be used in advertising construction projects.
4. In coordination with the Development Services branch and the Engineering Manager, meet with developers and outside engineers to discuss concepts and requirements for new projects and developments and reviews proposed subdivisions to determine compliance with CVWD's existing irrigation distribution and stormwater system.
5. Review grading plans for conformance with Riverside County Ordinance 458 for floodplain management and outline the District's conditions of development to developers and

- planning agencies.
6. Help perform inspections of the canal, distributions and drainage system, and stormwater system in order to determine replacement needs of the facilities.
 7. Review hydrology, hydraulic, sediment, and geomorphology reports submitted for proposed developer projects. Coordinates and manages on-call consultant for stormwater hydrology and hydraulic reviews.

Please visit www.cvwd.org/175/Job-Descriptions for the full job description.

MINIMUM QUALIFICATIONS:

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License or Certificates: Valid California Operators license issued by the State Department of Motor Vehicles. Department of Motor Vehicles driving record may influence employment or classification. Possession of a valid certificate of registration as a Certified Construction Manager (CCM), or must obtain a CCM registration within three years of hire.

Assistant: Possession of a valid Engineer in Training Certificate.

Associate: Possession of valid License as a Professional Engineer in the State of California is required.

Education and Experience: Any combination of training and experience which would likely provide the required knowledge and abilities. A typical candidate would have successfully completed a four year degree program from a recognized college or university with a major in civil engineering, agricultural engineering or a closely related field. Experience with developing construction plans and/or managing the construction of civil works is preferred.

CERTIFICATES, LICENSES, REGISTRATION AND OTHER REQUIREMENTS:

Knowledge of:

- Principles and practices of civil and agricultural engineering.
- Technical report writing.
- Design of hydraulic structures used in irrigation systems and flood control.
- Principles and procedures of irrigation water transmission, distribution and storage.
- Operational procedures and maintenance procedures utilized in irrigation water systems.
- Mathematics, design methods, uses and strengths of construction materials, standard specifications, and pertinent regulations related to the design and construction of irrigation water, flood control and related facilities and structures.
- Principles and practices of surveying and construction inspection including methods, materials, practices, equipment, laws and safety requirements related to agricultural/civil engineering.
- Project management.
- Computer programs including HEC-RAS, HEC-HMS, spreadsheets, and project management.
- The National Flood Insurance Program.

Abilities:

- Plan, organize, and perform engineering work in the design and construction of CVWD Irrigation, Drainage, and Stormwater facilities.
- Prepare engineering estimates, plans, and specification for proposed CVWD projects.
- Perform contract administration and maintain accurate records and documentation on construction projects.
- Analyze and make recommendations on the need for replacements, relocations, and abandonments of CVWD Irrigation and Drainage facilities.
- Prepare detailed analyses and comprehensive technical engineering reports and recommendations.

- Work cooperatively with others.
- Communicate complex information effectively both verbally and in writing.
- Work under time constraints.

PHYSICAL REQUIREMENTS:

1. Drives CVWD vehicle to job sites, possibly over rough terrain.
2. May work in extreme weather conditions including heat and rain.

APPLICATIONS MAY BE FILED ONLINE AT:
<http://cvwd.org>

75515 Hovley Lane East
Palm Desert, CA 92211

Position #2020-00153
ASSISTANT OR ASSOCIATE ENGINEER -
STORMWATER/IRRIGATION
FN

Assistant OR Associate Engineer - Stormwater/Irrigation Supplemental Questionnaire

- * 1. Do you possess, or have the ability to obtain, a valid "C" class California Driver's license?
 Yes No
- * 2. Do you have a Bachelor of Science in Civil Engineering or a related field?
 Yes No
- * 3. Do you possess a valid license as Professional Engineer in the State of California?
 Yes No
- * 4. Do you currently possess a valid Engineer in Training Certificate?
 Yes No
- * 5. Are you currently in possession of a valid certificate of registration as a Certified Construction Manager, (CCM)?
 Yes No
- * 6. If you are currently not a Certified Construction Manager, (CCM) do you understand that you must obtain a CCM registration within three years of hire?
 Yes No
- 7. Please describe your experience developing construction plans and/or managing the construction of civil works.

* Required Question