



Protecting the Waters of Texas!

Job Posting

Process Engineer

***** LOCAL CANDIDATES - PRINCIPALS ONLY *****

Gulf Coast Waste Disposal Authority is located in southeast Houston, Texas. Established by the Texas Legislature in 1969, we recently celebrated our 48th year of protecting the waters of the State of Texas and continue a significant role in improving the water quality of Galveston Bay, Houston Ship Channel and the state of Texas.

GCA growth has created a need for additional talent in its **Engineering** department. In this capacity, our Process Engineers perform industrial wastewater process engineering support to various operating facilities, construction projects, technical reviews and studies. Develop clear recommendations for management or supervisors. On an assignment-specific basis perform the role of Project Engineer, Lead Engineer or Facility Representative as defined in the GCA Project Work Process. For complex assignments, work is usually performed under supervision of other engineers. On less complex assignments work should be performed with minimal supervision. Reports to the Director Technical Services.

Position: PROCESS ENGINEER at the Central Office, day shift. May work remotely and extended hours.

Pay range: For qualified candidates is \$72,342-\$93,142-\$113,963 salary range

Typical Duties and Responsibilities:

- 1.1 Provide technical support to industrial wastewater facility operations regarding process related issues. This work may require design and performance of studies or analysis of existing data.
- 1.2 Provide technical support to projects on process design issues including development of P&IDs, process flow diagrams, and input on selection of specific equipment.
- 1.3 Communicate clearly with facility managers, plant supervisors, facility operators and other GCA staff.
- 1.4 Provide input to and coordinate work of outside consultants and suppliers doing work for GCA
- 1.5 Show continuing development of engineering and communication skills
- 1.6 Other related duties as assigned.

2.0 Knowledge, skills, and abilities:

- 2.1 Knowledge of chemical or environmental engineering principles and methods, Laws of Physics, mathematics, hydraulics and other general engineering knowledge
- 2.2 General knowledge of state and federal environmental regulations.
- 2.3 Knowledge of computer application to engineering problems.
- 2.4 Ability to read state and federal regulations, complex contract documents, technical manuals, specifications, and correspondence.
- 2.5 Ability to perform complex engineering calculations as related to the design and operation of treatment facilities.
- 2.6 Ability to write and edit technical specifications, contract agreements, correspondence, meeting minutes and memos.
- 2.7 Ability to operate assigned vehicle.
- 2.8 Ability to operate office equipment such as PC and calculator.
- 2.9 Ability to communicate orally in person and by telephone.

3.0 Environmental conditions:

- 3.1 Work is performed indoors and outdoors for with some exposure to extreme heat (100f) and cold (32f).
- 3.2 Work may involve exposure to potential noise, mechanical, electrical, explosive, fume/odor, dust/mite, chemical, toxic waste hazards with proper precautionary procedures. Safety requirements include ability to wear all personal protective equipment including full face respirator and supplied air.

4.0 Education, certification, and experience required:

- 4.1 Bachelor of Science in Chemical, Environmental, or Civil Engineering.
- 4.2 At least five years of experience in process engineering preferably support of environmental control projects.
- 4.3 Be a licensed Professional Engineer in the State of Texas or be qualified to obtain and maintain a P.E. license.
- 4.4 Valid Class "C" Texas Driver's license.

5.0 Physical requirements

- 5.1 Ability to sit while performing various job functions such as writing, operating computer, and other office activities.
- 5.2 Ability to walk, stand, kneel, crouch/stoop, squat, twist upper body, and climb while performing project inspection and other job functions.

GCA offers competitive salary and excellent benefit package to the right individual, but does not provide reimbursement for relocation expenses. Check our website at www.gcwda.com for additional information.

Again, principals only, please. To be considered, all applicants must email resume with salary requirements to the attention of Keith Hardcastle, Human Resources Director, PRSENG in subject line, at khardcastle@gcwda.com. All inquiries remain confidential.

The above statements are intended to describe the general nature and level of work being performed by the person assigned to this job. They are not intended to be an exhaustive list of all responsibilities, duties, skills, and physical demands required of personnel so classified. Holding people assigned to this or any job to expectations described herein does not constitute harassment in any form.

