State Title: Chemist IV  
Functional Title: 
Job Posting: L20356  
Monthly Salary: $4301.16 - $5301.16  
Salary Group: B22  
Posting Date: 06/19/2020  
Close Date: 07/03/2020  
Section/Division: Sugar Land Lab Section/Water Quality Planning Division  
Work Location: 12553 W Airport Blvd, Sugar Land, TX 77478  
Openings: One  
Position #(s): 5301  

Job Description:  
Conducts and reviews advanced chemical and biological analyses of environmental samples submitted to the Sugar Land Laboratory of the Texas Commission on Environmental Quality (TCEQ). Performs metals analyses on complex and varied samples (water, sludges, sediment and air) using complex analytical instrumentation such as inductively coupled plasma mass spectrometer (ICP-MS) or Inductively Coupled Plasma (ICP); and may include other environmental testing such as anions determination using Ion Chromatography (IC) technology, Biological Oxygen Demand, Oil & Grease and Total Kjeldahl Nitrogen. Uses a variety of manual and automated laboratory apparatus such as digestion blocks, filtration manifolds, pH meters, analytical balances and automated analyzers, complying with Standard Operating Procedures. Generates and maintains agency data in a legally defensible format; ensures compliance with agency and regulatory requirements, quality assurance objectives and TNI (The NELAC) standards. Reviews and/or develops Standard Operating Procedures involving laboratory analyses, products, and services. Interprets elemental chromatograms generated by the ICP-MS and ICP. Interprets, reviews, verifies, and enters advanced chemical analytical results using the Laboratory Information Management System (LIMS); develops and maintains expertise in analytical methodologies, National Environmental Laboratory Accreditation Conference (NELAC) quality systems and applicable regulations. Complies with customer specifications, quality control and method requirements. Performs operational, routine maintenance/calibrations and troubleshooting on; and facilitates the repair of advanced laboratory instruments and/or equipment such as the ICP-MS and ICP to ensure analytical capability. Provides training and assistance to laboratory staff in various analytical procedures, techniques and equipment.
operation; and other technical and quality processes utilized in the laboratory.

**Military Occupational Specialty (MOS) Codes:**
92L, 71B, 72D, HM, 230X-SC, 8831, 4B0X1, 4T0X1, 9S100, 43EX, 43TX, and 61CX.

**Minimum Qualifications:**
A bachelor's degree in a natural or physical science which included 24 semester hours in chemistry from an accredited college or university (COPY OF OFFICIAL TRANSCRIPT REQUIRED WITH APPLICATION), plus two years of full-time experience in a TCEQ chemistry laboratory or with activities directly related to the examples of work performed.

One year (24 semester hours) of graduate study in chemistry may be substituted for each year of the required experience.

OR One year of full-time experience as a Chemist III at the TCEQ.

**Preferred Requirements:**
Experience operating an Inductively Coupled Plasma-Mass Spectrometer (ICP-MS) and performing metals analyses of soil, liquid or air samples.

Experience operating an Inductively Coupled Plasma Spectrometer (ICP) and performing metals analyses of soil, liquid or air samples.

Experience as a chemist in an environmental laboratory.

**Special Requirements:**
Moving up to 25 pounds of supplies and/or samples.

Traveling up to XX% of the time.

**Condition of Employment:**
TCEQ will verify Selective Service registration for males born on or after January 1, 1960. If exempt from Selective Service registration selected candidate must provide proof of exemption on first day of employment. Offers of employment are contingent on the candidate having legal authorization to work for the TCEQ. TCEQ will conduct a criminal history records search on candidates selected for posted vacancies. Only applicants who are interviewed will receive written non-selection notification.

**To Apply:**
Email a State of Texas application to jobs@tceq.texas.gov; or mail to TCEQ Human Resources & Staff Services, P.O. Box 13087, MC-116 Austin, TX 78711-3087; or submit in person, at 12100 Park 35 Circle, Bldg. A, Austin, Texas 78753 by the close date. An electronically signed copy is acceptable.

In compliance with ADA, if you need any special accommodations during the employment process, please contact HRSS for assistance at (512) 239-0102.

Texas Commission on Environmental Quality is an Equal Opportunity Employer.