

JOB TITLE: WATER QUALITY TECHNICIAN - CONTRACTOR

POSITION THIS JOB REPORTS TO: Water Quality Program Director and coordinates with Water Quality Coordinator

GENERAL SUMMARY:

The position will be expected to perform EPA-approved water quality monitoring, assist with data collection and inspection in Home Sewer Inspection Programs, upkeep associated databases, and assisting with the preparation of data for inclusion in various programmatic reports (a computer will be provided for data preparation).

This position will be part-time, as needed for programmatic completion.

PRINCIPLE DUTIES AND RESPONSIBILITIES

Sample Collection

- Collect water quality samples in accordance with Pontchartrain Conservancy's Standard Operating Procedures (SOPs) and EPA-approved Quality Assurance Project Plans (QAPPs) as related to the individual projects. Collect water quality samples in streams and waterways as related to the individual projects. On-the-job training will be provided to meet this requirement.
- Perform WWTP inspections in for homes in onsite wastewater treatment programs. Provide technical assistance to homeowners, provide education and information related to maintenance of home systems.
- Operate and calibrate field equipment as needed for successful completion of monitoring duties.
- Travel to laboratory as needed for the project, including preparing supplies and equipment, exchange of samples in accordance with CoC, collection and upkeep of supplies.
- Deliver samples to project approved laboratory for analysis.
- Assist in the collection of home system inspections in program-specific work for door-to-door inspections.
- Assist Water Quality program as needed with Research, Advocacy, or Education projects, as needed.

Data Management

- Manage database for water quality data collection including data input, quality control and data sharing.
- Provide project data to Water Quality Field Coordinator in a timely manner.
- Disseminate project data to approved partners, as needed.
- Prepare relevant project data (including data entry or statistical analysis) for review, reports, and publications of the Pontchartrain Conservancy and its partners.

Research/ Writing/Presentations

- Assist with preparation of grant reports and grant proposals in teamwork with the Water Quality Department.

KNOWLEDGE, SKILLS, AND ABILITIES REQUIRED

1. Bachelor of Science applicable to sciences or environmental research (i.e. biology, chemistry, geology, geography, or degrees appropriate to environmental sciences).
2. Strong technical skills and knowledge of as applied to field data collection and instrumentation.
3. Proficiency in the use of Microsoft Office programs including Outlook, Word, Powerpoint, and Excel. Ability to use spreadsheet, statistical, web mapping, and GIS software preferred.
4. Ability and qualifications to obtain Louisiana Department of Health (LDH) Certified Operator (CO) accreditation for a Level I operator. PC will provide testing fees for candidates to take certification test.
5. Familiarity with statistical programs and GIS preferred.
6. Ability to lift a maximum of 50 lbs. and conduct field work that may include environmental stressors of high heat, humidity, or cold. Field work may expose the Technician to stings or insect bites.
7. The ability to work independently in an organized, methodical, and meticulous manner.
8. Strong organization skills and team-oriented collaboration a must.
9. Candidates need to provide their own transportation PC offices (car or bike); Candidates with suitable driving history and insurance may utilize or ride in vehicles in the PC-fleet for transportation to project locations.
10. In some cases, the candidate may need to use their personal vehicle for transportation to project locations. In this instance, candidates will need to have their own car insurance with the minimum limits PC's auto insurance company requires.