



Job Title: *Algae Research Associate* (Full time)
Department Name: Research and Development
Location: SePRO Research and Technology Campus; Whitakers, NC
Supervisor Name: Mya Esposito
Supervisor Title: Algae Research Scientist

SUMMARY

SePRO Corporation (www.sepro.com) is a research-based environmental restoration company providing innovative products and services for specialty environmental markets worldwide including aquatics, turf & ornamentals, and specialty agriculture. The company designs, manufactures and distributes products that improve water quality and enhance plant health. SePRO is a privately held, fast-growing company that provides rapid career development and advancement opportunities.

Under the direction of the Algae Research Scientist, the Algae Research Associate will assist with technical support initiatives as well as laboratory, mesocosm and field research at the SePRO Research and Technology Campus (SRTC) located in Whitakers, NC. This position will support key water sample analysis initiatives as well as advance research and development of aquatic herbicide, algaecide and nutrient mitigation technologies.

RESPONSIBILITIES

- Support of SePRO technical service offerings with focus on SeSCRIPT algae and water quality methods and reporting. Support will include algal identification and culturing.
- Become proficient in analytical techniques such as microscopy and report writing required for sample analysis
- Be able to report and efficiently communicate results of analyses
- Involved in experimental design/setup, implementing treatments, and data collection/analysis on numerous research initiatives
- Develop an understanding of the scientific method and how it is used in aquatics research to answer prioritized research questions
- Conduct laboratory, mesocosm and field research regarding existing and new solutions for advancing water resource management
- Duties may include: field site monitoring of treatment efficacy, sample collection, laboratory methods to analyze response parameters, analytical confirmation of exposure concentrations
- Work with formulation scientists as well as regulatory, manufacturing and marketing personnel during new product development and launch
- Writing reports (customer samples and research summaries) and communicating results is critical
- Abide by all Laboratory Safety protocols.
- Perform quality assurance and control initiatives to ensure accuracy of data collected

EDUCATION, QUALIFICATIONS, SKILLS, AND EXPERIENCE

- A minimum of an Associate's degree in a scientific or related discipline is desired
- Experience in Ecology, Biology, Chemistry, Environmental Science, Toxicology, or related fields is desired
- A background in Laboratory Practices (microscope use, analytical chemistry, toxicity testing, etc.) preferred
- Strong written and oral communication skills, as there is continuous interaction with external customers and SePRO colleagues (fellow R&D employees, manufacturing personnel, and business teams)
- Ability to implement critical thinking skills and apply the scientific method
- Proficiency with computers and Microsoft Word, Excel, and PowerPoint as well as ability to learn new programs is required
- Willingness to perform tasks outside of primary job description, be self-motivated, driven, passionate, and able to work in a team-first environment