# SePRO CORPORATION

# JOB DESCRIPTION

Job Title: Aquatic Technology Development Scientist

Department Name: Research

Supervisor Title: Director of Research, Regulatory, and Innovation

Location: Eastern North Carolina or Central Indiana (Carmel home office)

## JOB SUMMARY

SePRO Corporation is dedicated to discovering and developing improved, sustainable solutions to manage aquatic resources. Founded in 1994, SePRO’s ongoing mission is to protect, preserve, and restore the environment including aquatic ecosystems of all sizes. We have a history of successful technological innovation and unmatched technical support for the management of aquatic invasive species, nuisance and harmful algae, nutrient pollution in water, and overall water quality. EutroPHIX, a division of SePRO, is a leading environmental consultancy and restoration organization specializing in the restoration and management of freshwater ecosystems. EutroPHIX’s mission is to address the growing challenge of water quality degradation in lakes, rivers, and wetlands, with a focus on combating eutrophication and enhancing biodiversity.

The *Aquatic Technology Development Scientist* is primarily responsible for supporting the EutroPHIX teams with technical support and project management, as well as research and development of water quality products and product concepts for the SePRO portfolio.

## PRIMARY RESPONSIBILITIES

1. **Provide technical support and project management to the EutroPHIX team with a focus on nutrient management, harmful algae bloom management, water quality improvement, and other water resource management.** Specifically, this role provides support for making technical recommendations for water quality management in ponds, lakes, reservoirs, and other water bodies, and providing overall technical support to large government/stakeholder programs engaged in these efforts. Interaction is expected with EutroPHIX Water Quality Technical Specialists, key private applicators/consultants, and state and regulatory agencies; report generation is expected to be part of role to document results and expand market opportunities. A fair amount of time will be spent traveling with Technical Specialists and working with government agencies or permitting authorities to address technical issues pertaining to the use of SePRO products.
2. **Lead research and development activities to design and test new SePRO Water products and concepts for water quality management and restoration.** This position is responsible for developing SePRO’s existing products and new concepts focused on the unmet needs for water quality management and restoration. This will involve designing and conducting studies to address technical questions, developing lab and field studies to support use of products, and working with field personnel to generate data to optimize use directions/efficacy. It is expected that trials will be established in the field with research cooperators and at the SePRO Research and Technology Campus (SRTC), and presentations will be made at regional and national scientific and professional society meetings to highlight ongoing development projects.
3. **Represent EutroPHIX to customers; lake management groups; professional lake consultants; federal, state, and local regulators; and university research scientists.** This position will be the main point of contact for university and government researchers and will also represent EutroPHIX to business partners and centers of influence (COIs), end users, and university collaborators through field visits and presentations at customer meetings, trade shows, and scientific meetings.

**EDUCATION, QUALIFICATIONS, AND EXPERIENCE**

* Minimum of M.S. degree in Biogeochemistry, Aquatic Ecology, Limnology, Freshwater Biology, or Algae Management, with a focus on aquatic plants, algae management, and/or lake management.
* 5+ years of experience in applied aquatic resource management, such as identification and control of aquatic weeds, management of nuisance and harmful algae, and water quality improvement is highly preferred. Experience with applied research and data collection, analysis, and summarization is also highly preferred.
* Excellent presentation and communication skills and the ability to positively interact with a variety of customers and stakeholders, including internal sales, marketing, and R&D colleagues; government regulatory agencies; professional lake consultants; university cooperators and researchers; and the general public.
* Ability to travel on a regular basis to conduct and view research trials, visit cooperators/collaborators, provide technical support to EutroPHIX colleagues, and represent EutroPHIX at customer events and professional meetings. Overnight travel is expected approximately 30% of the time.
* Proficiency with computer software including Excel, Word, PowerPoint, SharePoint, Teams, R, SigmaPlot, and other research, data management, and GIS programs.