



Research and Development Intern

Aquacycl's mission is to provide sanitation and water for all. We develop BioElectrochemical Treatment Technology (BETT) for use in packaged wastewater treatment plants that can treat industrial, agricultural and residential/municipal wastewater. The R&D Intern will work within a dynamic team to assist with evaluating new customer effluents and executing laboratory tests to optimize wastewater treatment rates and improve energy recovery from BETT reactors. The purpose of all R&D efforts are to optimize product performance, decreasing manufacturing costs and ultimately lead to lower product operation and maintenance costs. The R&D intern will report directly to the VP of R&D.

Responsibilities of the R&D Intern will include, but are not limited to:

- Executing R&D tasks such as water chemistry analyses according to EPA methods, data entry, pH adjustments, reactor assembly and component testing, and providing regular feedback to team members about results.
- Organizing data sets and documenting R&D efforts in a timely and efficient manner according to Aquacycl standard practices and procedures.
- Ensuring laboratory cleanliness and enforcing 5S principals for organization and work flows.
- Continue to develop R&D and communication skill sets through laboratory training and participation in meetings and workshops as available.

Successful candidates will hold at least a high-school diploma and must have an interest in learning environmental engineering, wastewater treatment, laboratory methods and/or chemistry.

Successful candidates must also demonstrate excellent communication skills, self- motivation and leadership ability, outstanding organizational and time management skills, a high-level of initiative, flexibility to handle a variety of tasks, and be able to shift priorities quickly. Candidates must also be able to execute physical tasks, such as pipetting, using hand-tools and occasionally lifting 10-20 pound containers of wastewater.

To apply for the internship

Provide resume and a 3-4 sentence introductory statement about academic/career interest(s) including why you are specifically interested in working at Aquacycl for the summer.

Email sent to Sofia Babanova to sbabanova@aquacycl.com with subject heading ('Aquacycl internship').