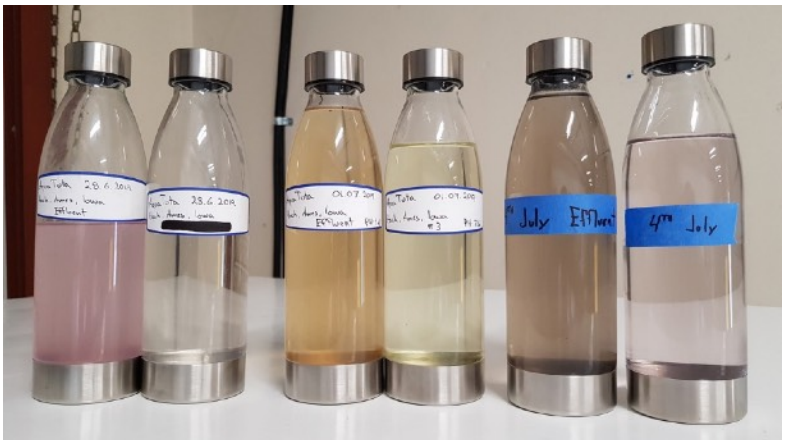
Hello All! The EHS Team at Hach Ames would like to share an exciting opportunity that we had for our environmental operations at the facility. The team in Ames began the journey of focusing on reducing our environmental impacts a few years ago, and in July we had the opportunity to take a huge stride in the right direction by trialing a wastewater treatment unit at the facility. For those that aren't familiar, Hach Ames is primarily a chemical manufacturing facility which manufactures and blends the standards and reagents for Hach's broad line of instrumentation and chemistry used for water analysis. The facility generates a large volume of industrial wastewaters as a result of these manufacturing activities and in order to reduce generation of wastewater, it was identified that a critical component for continued compliance with wastewater permits was to implement some form of wastewater treatment.

The facility had the pleasure of hosting Aqua Tuta™, a wastewater treatment system manufacturer based in Spain, who specializes their own proprietary and patented technology for a specific type of wastewater treatment method: convective reaction. This innovative and efficient method flocculates wastewater contaminates to be skimmed and removed from the water. The results from the trial were both visually and analytically substantial, and preliminary results show effectiveness of the treatment method to remove contaminates down to just a few parts per billion (ug/L) for certain contaminates. Aqua Tuta™ also has a number of other important advantages in wastewater treatment such as low capital costs, low operational costs, and a small equipment footprint to name a few.

Aqua Tuta™ AT-10 Machine



Before (left) and After (right) from 3 Trials

The opportunity to partner with Aqua Tuta™ on this trial has been fantastic, and the facility looks forward to utilizing the lessons learned and outcomes from the trial to take our next steps toward water reduction (and cost reduction!) goals for the facility.