

# asm278

## Andrew Mullen's Individual Contribution Page

### Fall 2016 Contributions

As a member of the POST sub team, I am working to build a workflow to allow plant operators to receive a PACI dosage recommendation in the ODK form. This involves writing an Android application to hold a regression model of the data to make a suggestion, a back-end to provide a model to the app, and a trigger to update the system whenever there is internet connectivity on the smartphone.

### Spring 2015 Contributions

As a member of the WTTSG sub team, I am focusing mainly on implementing UI/UX designs for the water treatment technology selection guide and plant cost calculator. I will be taking on the task of implementing an administrative log-in to enable the plant cost calculator information to be easily edited, as well as usage of the site to be monitored. While I don't know much about the AguaClara team, I hope to lend my CS background to the team, while learning more about AguaClara.