Spectrophotometer

Spectrophotometer
Research Goals/Questions as of August 2015:

1. Can we build a low cost, inline spectrophotometer for tracer studies in our laboratory?
2. Is it possible to measure dissolved organic matter using a spectrophotometer?
3. Is it possible to measure dissolved organic matter in turbid water using a spectrophotometer?
4. Could we design a meter that would be low cost and that could eventually be used by all water treatment plant operators to guide them in setting the coagulant dose?

Main work this semester was done on question 1 (a working spectrometer created and tested!) and initial research on question 2, with future experiments helping to answer question 3. Some thought was given toward question 4, but we are still too early in the prototype stage to answer this.

Fall 2015

Members

Email Team:

Michael Stella: ms2639@cornell.edu

Bryan Melara: bjm269@cornell.edu

Documents

	Symposium	Final Presentation	Final Report
Fall '15	Google Slideshow	Google Slideshow	? Unknown Attachment