

Small Scale Plant Testing

Small Scale Plant Testing (1 L/s Testing)

1. Can the small scale plant handle and clean high NTU water?
2. Will a new flocculator system perform better than that which was already installed?
3. Will the plant be available for shipment to Honduras?

Fall 2016

The AguaClara Small Scale Plant Testing team researched how efficiently the newly built 1 liter per second plant performed. The plant was tested at ~100NTU, and produced effluent water < 1 NTU. After completing other tests with the same result, the team decided to ship the plant to Honduras for field testing in January of 2016. The plant was disassembled, packed, and shipped by mid-November. After shipment, the team worked on designing and fabricating a new flocculator for the plant, containing orifices instead of crimped sections. The new flocculator produced an adequate amount of head loss, so it will be brought to Honduras to include in field testing.

Members

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Documents

	Challenges	Tasks	Symposium	Final Presentation	Final Report
Fall '16					 