

mgw53

Michael Walsh's Individual Contribution Page

Summer 2012 Contributions

- Primarily machine and design work under order specifications from team leader Harrison on the Fabrication Team.
- Worked on design of Inlet Manifold support for high-flow plants connecting 8inch pipes between diffusers and experimented with 'feet' for support.
- Helped design Orifice Plate to create head loss for influent water to flocculator.
- Machined and created model of drain system for sedimentation tank.
- Worked on Alum Dose Controller for low flow plants. Controller allows for both automatic flow rate and manual turbidity adjustment

Fall 2012 Contributions

- Joined the Design Team and worked with Amy Boncelet on the Entrance Tank under supervision from Tori Klug.
- Given task of creating alternate Entrance Tank design for plants with two inlet sources to regulate both flows.
- Work involved brainstorming new design and familiarizing with and implementing changes in Mathcad.