

# Floc Recycle Venturi

## Floc Recycle Venturi Team

We will analyze the feasibility of using a venturi to transport flocculated water from the sedimentation tank to the beginning of the flocculator. By increasing the turbidity of water near the entrance to the flocculator, we aim to increase collisions and reduce the necessary size of the flocculator.

### Current & Future Research

We are currently determining the necessary dimensions of a venturi for AguaClara plants and then evaluating the feasibility of this design. If practical, we aim to construct and test a venturi, which could provide challenges from constraints on materials and construction techniques.

#### Team Members

[Ryan Anthony](#)  
[Elyssa Dixon](#)  
[Zac Edwards](#)

#### Team Documents

	Challenges	Tasks	T e a c h - I n	Presentation	Final Report
S p r i n g '1 2	? Unknown Attachment	? Unknown Attachment	T e a c h I n	? Unknown Attachment	? Unknown At

#### Past Research

None.