

**Project Status Report: CEEEn-2018CPST-010**

**Report Date: 02/11/2019**

**Team**  
**Members:** Los Hermanos

**Project Title:** Asian Clams Report # 13

### 1) Summary of technical/non-technical challenges encountered

**Technical:**

- Redesigning the water tank when failure continues

**Non-technical:**

- Prototype tank experience a failure due to uneven water pressure
- Water tank is failing each that is being tested currently on 5th attempt
- Having to reschedule the testing phase due to delays

### 2) Team approaches & resolutions to overcome challenges

**Solutions:**

- Keeping a tight schedule to makeup for loss time
- Set up experimental system to simulate constant flow and disperse chemical.
- Communicating everyday until the water tank is ready
- Close communications with Dave and Rodney in helping out with the water tank

### 3) Status of challenge resolutions & potential project impact

- How to travel to Lehi at least weekly for the experiments
- 100% Silicon has been a better sealant for the experiment
- Pumps have been has an ideal flow for the experiment
- Finishing the construction of the control and treatment tanks.
- Finding time to start setting up the experiments
- If water tank can withstand testing, then analytical research can start

### 4) Project status & summary

- Now using 100% silicon 24 hour caulk
- Obtain IV bags to have a continuous dosage of EarthTec
- Procedure are created to follow steps in experiment
- Testing for water tank is still undergoing
- Alternative water tank design are being debated and considered
- EarthTec sample is secured in Lehi's City office
- Testing the water tank for the 7th time
- About to set up the experiment over in Lehi!