

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

**Report Date: 03/25/2019**

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

**Project Title:** Asian Clams Report # 19

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

#### Technical:

- Figuring out video camera functions to record movement of clams to confirm them being alive
- Changing up the experimental process by assuming that movement is what confirms the life and death of a clam

#### Non-technical:

- How frequent to visit the site
- Running out of time to do experiments
- Need to find a place to test water for copper sulfate

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

#### Solutions:

- Bought sand to observe if a clam will dig itself a pit due to movement
- Camera have been borrow to record the fish tank over a period of time
- Sand has positive reception from clams
- Camera has shown the movement of the clams
- Adding different amount of chemicals to the treatment clams

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

- Currently the clams are being observed through video feed. Therefore the confirmation of clams being alive can be seen.
- After a couple of days, the clams will experience a lethal dose of EarthTec and see what reactions clams do when they die
- Due to the simplicity of this process, one member will visit the site each day for the next 2 weeks

### 4) Project status & summary

- Clams are being via video feed and time lapse camera mechanic
- Discussion to end the experimentation has started
- Starting to write report and poster for client
- We need to figure out what the best amount of Earthtec