

Project Status Report: CEEEn-2018CPST-010

Report Date: 10/1/2018

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Project Title: Lehi City Irrigation Asian Clam Eradication

1) Summary of technical/non-technical challenges encountered

- No data
- Can't see population of clams inside pipe
- No knowledge of the site
- No access to piping system
- Each clam can reproduce about 8,00 clams.
- Cannot put dangerous chemicals in PI system because they use it for cattle and the chemicals can potentially hurt the cattle.
- They cant shut off the PI system because water hydrants are connect to it and it would dangerous if firefighters cannot get to water.

2) Team approaches & resolutions to overcome challenges

- Contact Dave and get the data and other access to data
- Setting up a time to look at the site
- Create model to predict behavior
- Experiment with the different reduction method

3) Status of challenge resolutions & potential project impact

- Forming strategy to find cost effective solution to control the population of the clams
- Having all the information we can start

4) Project status & summary

- Met with client, Dave, and our mentor, Dr. Miller
- Defining roles in the team. Each person is going to get a role each week. For example team leader.
- Emailed Dr. Miller about getting his research and data.