

Project Status Report: CEEEn-2018CPST-014

Report Date: January 14, 2019

Team Members: Alec Van De Graaff (Team Focal), Robert Anderson, Caleb Joubert, Natalie Bagley King

Project Title: Santaquin Irrigation-Water Conservation Study

1) Summary of technical/non-technical challenges encountered

- Verifying we have the right scope for our project this semester.
- Emailed mentor professor and client for times to meet with them with no responses.
- Finding the best use our time.
- Need information from Spanish Fork's data before we can apply it to Santaquin City.

2) Team approaches & resolutions to overcome challenges

- Met together to discuss the items that need to be completed before the end of the semester. Split up tasks for the week.
- Re-emailed mentor professor.
- Emailed Spanish Fork Capstone Group for information.

3) Status of challenge resolutions & potential project impact

- Waiting to hear back from both the clients and the professor
- Split up research on the smart meters, Xeriscape, and government documentation on supplements costs.
- Working on the GIS model with more data points, comparing years, and control points to verify accuracy of the model.

4) Project status & summary

- Found out about different types of smart meters. We need to find out what type Spanish Fork used.
- Continuing to finish up GIS model.
- Meeting with Spanish Fork Capstone Team this week to get information from them.

Please enter # of hours spent on project this last week for each team member in the order listed above

Member #1: 4.5

Member #2: 5

Member #1: 6

Member #2: 7