

**Project Status Report: CEEEn-2019CPST-002**

**Report Date: 2/24/2020**

**Team Members: Javen Ivins (Team Focal), Nathan Jensen, Masen Putnam**

**Project Title: Spanish Fork City Water Demand Peak Shaving Project Description**

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

We have received the information we need to analyze the storage costs. However, we have not yet looked into how we want to apply the information in our analysis.

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

We have resolved much confusion concerning our project and now have a plan to move forward. The difficulty was in which information would be useful to Spanish Fork. Our revolution came about through realizing that the study of storage tank cost would be useful to help Spanish Fork decide to connect to the ULS line.

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

Now that we have a clear idea of what direction to take our project from here we are good to move forward on schedule.

**4) Project status & summary**

We were able to get in touch with John concerning creating a new storage facility. He gave us information about when the current storage would need to be upgraded as well as associated costs with building a new facility. Our focus this week will be updating data that was previously collected and beginning a cost estimate for the new facility.

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: 5.25

Member #1: 5