

**Project Status Report: CEEEn-2018CPST-0 12**

**Report Date: January 14, 2019**

**Team Members: Max Barnes, Meghann Morgan, Delila Lasson, Reed Reimschuessel**

**Project Title: Springville Irrigation Canal Breach Mitigation**

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

- Survey points were in northing and eastings and we needed to get them to latitude and longitude in the US State plane 4302 in ArcGIS
- Coordinating schedules

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

- Survey points were in northing and eastings and we needed to get them to latitude and longitude in the US State plane 4302 in ArcGIS - emailed Dr. Harold Mitchell and were eventually able to plot survey points in ArcGIS
- Coordinating schedules – used when is good to find team meeting times

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

- Survey points were in northing and eastings and we needed to get them to latitude and longitude in the US State plane 4302 in ArcGIS  
Status: resolved  
Impact: we were able to solve for slope and begin fluid flow model
- Coordinating Schedules  
Status: resolved  
Impact: more organized and we will have time to meet together as a team to ensure team collaboration and efficient work

**4) Project status & summary**

- We have canal slope and are able to begin fluid flow modeling
- We have based point to connect additional survey data
- We have official team meeting times

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

Member #1: 8

Member #2: 8

Member #1: 8

Member #2: 8