



Project Status Report: CEEEn-2018CPST-0 12

Report Date: January 28, 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

- Finding hydraulic conductivity correlation
- Gaining understanding of AutoCAD

2) Team approaches & resolutions to overcome challenges

- Finding hydraulic conductivity correlation - internet research
- Gaining understanding of AutoCAD – look up tutorial videos

3) Status of challenge resolutions & potential project impact

- Finding hydraulic conductivity correlation
Status: correlation found between particle size distribution and hydraulic conductivity
Impact: ability to calculate flow nets
- Gaining understanding of AutoCAD
Status: in progress
Impact: ability to draw cross sections of canal

4) Project status & summary

- Fluid flow modeling complete
- Found hydraulic conductivity correlation
- Meeting with Mr. Penrod to talk about legal issues
- Talked to arborist about loss of trees

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

Member #1: 13.5

Member #2: 14

Member #1: 14

Member #2: 12