

Project Status Report: CEEEn-2018CPST-012

Report Date: 5 November 2018

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

- Clayey soil
- Mechanical travel challenges

2) Team approaches & resolutions to overcome challenges

- Clayey soil – dedicate additional time to analyzing sample and adjust project outcomes accordingly
- Mechanical travel challenges – moved additional soil sample to Nov 10, 2018

3) Status of challenge resolutions & potential project impact

- Status:
Clayey soil – in progress
Mechanical travel challenges – transportation fixed and sampling delayed
- Impact:
Clayey soil – better understanding of breach cause
Mechanical travel challenges – additional sample delayed

4) Project status & summary

- Soil analysis in progress – Nov 3, 2018
- Team meeting with Dr. Hotchkiss – Nov 2, 2018
- Additional soil sample – delayed until Nov 10, 2018
- Research and work to be done:
 - Surveying
 - Brainstorming
 - Begin 3D model of canal
 - Perform Manning’s equation on canal data