

Project Status Report: CEEEn-2018CPST-0 12

Report Date: February 4, 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

- Gaining understanding of Civil 3D
- Insufficient canal dimensions to build flow net

2) Team approaches & resolutions to overcome challenges

- Gaining understanding of Civil 3D – use 2D cross sections
- Insufficient canal dimensions to build flow net – sight visit to gain more dimensions

3) Status of challenge resolutions & potential project impact

- Gaining understanding of Civil 3D
Status: in progress
Impact: ability to create cross sections
- Insufficient canal dimensions to build flow net
Status: in progress, sight visit planned for 2/6/19
Impact: ability to create flow nets and cross sections

4) Project status & summary

- Hydraulic conductivity correlation – in progress, not enough information to use correlation relationship found last week
- Meeting with Mr. Penrod to talk about legal issues – completed, Max met with Mr. Penrod
- Cross section templates for solution options scheduled to be made this week

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