

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

**Report Date: February 19, 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**

- Unsure of exact measurements on model options
- Determining amounts and cost of materials
- Determine critical conditions for ground water flow

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

- Unsure of exact measurements on model options – finish flow net to find depth
- Determining amounts and cost of materials – attempted to contact construction company/search online for cost estimates
- Determine critical conditions for ground water floor – review soils notes and talk to Dr. Williams

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

- Unsure of exact measurements on model options  
Status: in progress  
Impact: ability to find cost estimates
- Determining amounts and cost of materials  
Status: in progress  
Impact: ability to finish analysis
- Determine critical conditions for ground water flow  
Status: in progress  
Impact: ability to size materials in solution options

**4) Project status & summary**

- Cross section templates for solution options completed with some revisions
- Flow nets in progress, scheduled for 2/21/19
- Plan views in completed with revisions, length determined
- Table of feasibilities – rough estimates found for everything but speed and implementation
- Final Report rough draft scheduled 2/22/19
- Cost estimated scheduled for 2/21/19

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