

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

**Report Date: February 25, 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**

- Cost estimates didn't match cost estimates provided by the city
- Learning unfamiliar software
- Learning to identify problem areas in flow net

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

- Cost estimates didn't match cost estimates provided by the city– verify cost estimate with client
- Learning unfamiliar software – asked Dr. Williams and experimented
- Learning to identify problem areas in flow net – asked Dr. Williams

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

- Cost estimates didn't match cost estimates provided by the city  
Status: waiting for verification  
Impact: ability to complete final report and project
- Learning unfamiliar software  
Status: functional knowledge of software  
Impact: flow nets completed
- Learning to identify problem areas in flow net  
Status: functional knowledge  
Impact: able to design sheet pile/cut off wall depth and position

**4) Project status & summary**

- Cross section templates for solution options completed with some revisions
- Flow nets completed
- Plan views completed with revisions, length determined
- Table of feasibilities – rough estimates found for everything but speed and implementation
- Final Report rough draft scheduled 3/1/19
- Cost estimated completed but waiting for verification

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