

Project Status Report: CEEEn-2019CPST-003

Report Date: 2 March 2020

Team Members: Larsen Blake, Bridger Gunnell, Bryce Berrett

Project Title: Bluffdale Pressure Irrigation System

1) Summary of technical/non-technical challenges encountered

- As of right now, the only challenge is the time it takes to draw up the node demand areas.
- Knowing and labeling types of demand areas. Some areas are hard to distinguish between residential vs. farm/field, business, etc.

2) Team approaches & resolutions to overcome challenges

- Budgeting ourselves and scheduling a meeting with Bluffdale is helping us to keep working on the areas to get ready for the meeting.
- We have been alternating between us working on the demand areas to try and keep it going all week.
- Once we meet with Trevor from Bluffdale, we can discuss and know how to label demand areas for our final demand calculations.

3) Status of challenge resolutions & potential project impact

- We are meeting with Trevor this Thursday the 5 of March and will have our demand areas drawn by then.

4) Project status & summary

- Once the demands are finished, we will run models and adjust pipe diameters and pump diagrams to get a working and cost efficient model created.
- One this is done, we will organize our data and model to be able to turn into Bluffdale city for use.

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