

Project Status Report: CEEEn-2019CPST-0 06

Report Date: 2/18/2020

Team Members: Melissa Adams, Katri Clay, and James Umphress

Project Title: Coleman Sewer System Optimization

1) Summary of technical/non-technical challenges encountered

- Finding a good way to optimize system
- Determining which elevations should be used when considering optimization
- Deciding which pump stations can be eliminated

2) Team approaches & resolutions to overcome challenges

- Get elevation data for all of the pump stations
- Check for any obvious pump stations where it is clear that a pump is not needed
- Look into data further after we decide which ones can initially be eliminated

3) Status of challenge resolutions & potential project impact

- All of the data has been collected
- Analyzing elevation data to see which pumps can be eliminated
- Impact is good, we have the necessary data to complete the project
- On schedule to complete project at desired time

4) Project status & summary

- All pdf pages are in AutoCAD
- Necessary elevations have been found
- Next task is to determine which pump stations can be eliminated
- Start looking more into AutoCAD and how to separate the map into layers

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