



**Project Status Report: CEEEn-2019CPST-0 06**

**Report Date: 02/24/20**

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

**Project Title: Coleman Sewer Collection System Optimization**

**1) Summary of technical/non-technical challenges encountered**

- During this report period, the team encountered very few problems.
- The team met with Chad Coleman to discuss strategy for determining whether or not pump stations could be optimized.

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

- Together Chad and the team determined that using the previously collected elevation data, and engineering judgement, the pumps should be analyzed one-by-one to determine if the pumps could be replaced with gravity line.

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

- A shared Google Doc has been created, and pumps divided among the three team members for analysis, with plans to meet weekly to discuss questions and ideas.

**4) Project status & summary**

- Chad expressed that putting the pdf into AutoCAD would essentially be sufficient for the CAD portion of the project with minimal formatting changes.
- The pump stations are being analyzed by each team member for optimization options.

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

Member #1: 1.5

Member #2: 2

Member #3: 1.5

Member #4: