

Project Status Report: CPST-0 16

Report Date: 02-12-24 EB 405

Team Members: Dylan Fitt(1), Bennett Price(2), Ian Mathews(3), Bryan Williams(4)

Project Title: Project 16

1) Summary of technical/non-technical challenges encountered

- Wrapping up the code was a bit of a challenge.
- We had a challenge understanding the backwater calculations and what they meant in the example report that Lane gave us.
- Non-technical – there was a bit of a communication issue with infiltration data. We thought Lane hadn't sent us something yet, but he had. Would have started sooner.
- Haven't been able to reach out to the Provo City, GIS guy yet to discuss our work.
- Small challenge in getting the report document stated.

2) Team approaches & resolutions to overcome challenges

- Ian worked out the code and met with Dr. Miller and Dr. Hotchkiss to discuss the backwater and how that applied to our project.
- Bennett was able to get started on the analysis of the additional infiltration data.
- Dylan is reaching out to the city GIS guy and will continue working on the ArcGIS delineation.
- Bryan started the project report.

3) Status of challenge resolutions & potential project impact

- The code is complete and can be used to do analysis on the future data we will collect.
- Bennett is in the process of working on the infiltration analysis and we will follow up with that next week
- Dylan is waiting to hear back from the city about the ArcGIS stuff. We will follow up in our next weekly meeting. A slight delay, but we are not behind on the project in any way.
- Bryan has started the report and put it on a shared Microsoft teams file. Ian and Bryan will be working on the report.

4) Project status & summary

- The next time we will go out to collect data from the flodar sensor will be early March.
- We sent an email to Lane to coordinate a time when we can take a tour of the water treatment plant that our sewer audit project is for.
- We are ahead of schedule for the project and, from what we can tell, Lane is happy with the progress we are making.
- Ian and Bryan will predominantly be working on the report to keep the voice consistent throughout. The goal is to have a draft complete by the end of the month.

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

2/12/2024

Member #1: 2

Member #2: 4

Member #3: 12

Member #4: 3

Member #5: