

**Project Status Report: CPST-0 16**

**Report Date: 01/22/24 - 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**

- We didn't have the right access to the data within the ArcGIS feature that the city gave us,
- We had trouble lining up the dates for the rain data within excel because the flowdar data is every 25 minutes, but the rainfall data is not.
- We had trouble finding/coordinating a weekly meeting due to busy schedules this semester.
- Lane didn't Cc Dylan on an email.

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

- We emailed Lane and he forwarded us a link that provides the correct access for the ArcGIS
- Bennett and Ian worked together to format the rainfall data
- We decided to do our meetings at 11:00 on Mondays or at 4:00 on Mondays if capstone isn't actually meeting.
- We forwarded the email to Dylan that he needed

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

- We are all working on separate parts of the projects in collaboration.
  - Bennett is working with the rainfall data and the collected data.
  - Dylan is working with the ArcGIS.
  - Ian is working on code for plotting the retrieved data.
  - Bryan is working on code to plot variable manning's equation

**4) Project status & summary**

- We are working to coordinate with Lane to get more data from the Sanitary line flowdar.
- We are working to create code/program that will allow us to take the new data each month and generate plots and information that will be pertinent to the City of Provo.

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

1/22/2024

Member #1: 3

Member #2: 3

Member #3: 5.5

Member #4: 3

Member #5: