

Project Status Report: CEE-2018CPST-007**Report Date: October 22, 2018****Team Members: Hanna Opdahl, Nicole Hastings, Ryan Smart, Daniel Fiso****Project Title: Woodland Hills Snow-Runoff Drainage Options****1) Summary of technical/non-technical challenges encountered**

This week we encountered a variety of challenges, mostly related to technology and software. To start, we all downloaded an older version of ArcMap instead of the newest version, ArcGIS Pro. We also found trouble delineating watersheds for the contracted area. Once we had installed ArcGIS Pro, there was confusion on the process of uploading and transferring files into it. Lastly, we all were unfamiliar with HydroShare (a website suggested for use by Dr. Ames).

2) Team approaches & resolutions to overcome challenges

As a team, we planned to spend 30 to 60 minutes on HydroShare to practice and understand the software better. This will help us determine the watersheds for the City of Woodland Hills. In addition, we plan to do a training tutorial for ArcGIS Pro to get better acquainted with the program. We determined that it would be best for each team member to add Dropbox to be able to share and transfer files to and from ArcGIS Pro.

3) Status of challenge resolutions & potential project impact

Team members learned how to use HydroShare to delineate the watersheds and uploaded the information to Dropbox. Each member created a Dropbox account and the files were uploaded and shared between team members.

4) Project status & summary

The GIS map has been generated in ArcGIS 10.6 as well as ArcGIS Pro with watershed areas exported from HydroShare, municipalities, and a base-map. The team is becoming better acquainted with the software and will be meeting with Dr. Ames in the upcoming week. The statement of work has been updated per the clients comments and the team is planning a visit to the City of WH to meet the city council and see the area.