

Project Status Report: CEEEn-2018CPST-007

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Project Title: Woodland Hills Snow-Runoff Drainage Options

1) Summary of technical/non-technical challenges encountered

In the process of making our GIS map of Woodland Hills, we noticed that depending on what point of a stream we chose to determine our watersheds, we could find different flow quantities and different watersheds. We need to determine which outlet points on our map will have the greatest impact on the city, and then find our watersheds based off of those points.

2) Team approaches & resolutions to overcome challenges

In order to determine the outlet flows that will have the greatest impact to the City of Woodland Hills, we have decided it would be helpful to meet with Ted in person to look at the specific location of the outlet flow. This will help us later in determining which drainage basins will impact Woodland Hills the most.

3) Status of challenge resolutions & potential project impact

We are setting up a meeting with Ted in Woodland Hills next week. This meeting will help us determine which areas we need to focus our attention in our analysis.

4) Project status & summary

We have almost completed task one with the GIS map showing the drainage basins and municipalities. In anticipation of task two, we met with Dr Ames and began brainstorming methods to determine stream flows for drainage design. Once outlet points are identified with Ted, the team will prepare flow data for each point according to peak flow records and average flow trends. Next week we will be preparing the 30% report to be reviewed.