



Project Status Report: CEEEn-2016CPST-002: Soil Data Percolation App Development
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Date: 02/26/17

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| <p>1) Summary of technical/non-technical challenges encountered</p> <ul style="list-style-type: none">• Learning how to account for the design life of sump systems• Determining the diminishing return of systems• Calculating the correct time of concentration• Located the correct tables with correlations related to infiltration and soil type• Creating a layout for the spreadsheet application | <p>2) Team approaches/resolutions to overcome challenges</p> <ul style="list-style-type: none">• Reassignment of tasks and accountability reports to evaluate and maintain efficiency• Work beginning 50% report and final report to get ahead of schedule• Working together consistently |
| <p>3) Status of challenge resolutions & potential project impacts</p> <ul style="list-style-type: none">• Currently we are on schedule but would expect in the next few weeks to be ahead of schedule and begin work on our final presentation• Finding professors to answer our questions has been a difficult task• The past few weeks have been difficult with tests and other commitments but now that midterms are over a refocus on 8 hours a week is crucial | <p>4) Project Status & Summary</p> <ul style="list-style-type: none">• Slight scope change which helped the team get on the same page• Soil data extracted from NRC database at Utah.gis.gov• Data from Utah.gis.gov being compiled• App in development phase, formatting phase to follow• Expected to finish before the deadline• Potential delay on infiltration and/or time of concentration/retention time |