

Project Status Report: CEE-2018CPST-011

Report Date: February 24, 2020

Team Members: Jacob Klingaman, Jon Howe, Richie Todd

Project Title: Homestead Retention Pond

1) Summary of technical/non-technical challenges encountered

- This week the biggest challenge we encountered was finding enough time to work on our project. We all were busy with midterms, college visits, and other various tasks. However, we were still able to remain productive and make progress on our final report.
- The biggest technical challenge we encountered was verifying the validity of the EPA spreadsheet that we have obtained.

2) Team approaches & resolutions to overcome challenges

- The largest hurdle we need to overcome is finalizing documents and ensuring consistency throughout.
- To find enough time we all agreed to spend at least one hour this past week to get stuff done. This was a challenge, but we were able to accomplish it.

3) Status of challenge resolutions & potential project impact

- We determined that the spreadsheet is still applicable to our project and we plan to use it to help us determine BOD for our area.
- We are now creating and editing all the drawings, figures, and tables to go into our final report.

4) Project status & summary

- We are now on the final stretch of our project. The major decisions have been made, we are just finalizing a few calculations and preparing the final reports and PowerPoint.
- This upcoming week we will work on the poster due as part of the class.
- We completed the construction cost estimate this week.