



**Project Status Report: CEEEn-2018CPST-011**

**Report Date: 02-18-2020**

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**Project Title: Homestead Retention Pond**

**1) Summary of technical/non-technical challenges encountered**

- In order to more accurately calculate the OM, we continued to study the TMDL.
- We have had to determine the reliability of a few of the options to calculate OM loads.

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

- We've studied the TMDL report to find out exactly how they calculated the previous OM loads.
- We determined that if we are unable to replicate their process, the OM values will not be valid.

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

- We have located an equation that correlates the OM loads to the BOD in the river on the TMDL report.
- We are now using these numbers to more effectively gauge the OM quantities being redirected from the Jordan River.

**4) Project status & summary**

- The Power point slides are nearing completion and the final report is being worked on.
- The cost estimate is being finalized and will be implemented into the final documents.
- We are beginning to compile the necessary information for the final poster.