

Project Status Report: CEEEn-2018CPST-011

Report Date: 02-10-2020

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Project Title: Homestead Retention Pond

1) Summary of technical/non-technical challenges encountered

- Finding the metrics used by the Jordan River TMDL Water Quality Study to measure organic matter

2) Team approaches & resolutions to overcome challenges

- We talked to Dr. Borup about water quality and how to measure TMDL of organic matter
- Further research into the Jordan River TMDL Water Quality Study

3) Status of challenge resolutions & potential project impact

- There is no way to measure organic matter without actual recordings
- The methods used to establish TMDL requirements are far beyond our capability
- We have found two rough estimates we will use
 - Proportion of acreage discharge to the Jordan River
 - EPA spreadsheet estimate of BOD for Salt Lake City area

4) Project status & summary

- The construction estimate will be completed this week
- We are now working on the report and final deliverables