

## Questions Submitted for the Water Systems Study for City of Mt. Pleasant / Charter Township of Union

1. Who has completed the City of Mt. Pleasant's most recent water reliability study? I believe that FTC&H was the Engineer for the City's original water plant. Has there been any upgrades to the plant since then? If so, who was the engineering firm hired for the upgrades?

Jones and Henry Engineers completed the City of Mt. Pleasant's reliability study. The City has not had any capacity upgrades to the water treatment plant or to the high service pump station since the original water treatment plant construction.

2. I have been waiting for additional information from the City of Mt. Pleasant to be placed in the dropbox as discussed the day of the pre-bid meeting. I believe that Union Township has placed what is needed on their end. Can you find out if it was placed at a separate location that I can access?

These have been placed in the dropbox.

3. Is it possible to get the GIS shape files for the City's and Township's water maps?

The files have been placed in the dropbox.

4. Can you explain sizes and send maps to us in regards to the raw water lines that run from the City's existing water wells to the treatment plant?

Maps have been placed in the dropbox.

5. What is the City's and Township's budget for this system study?

The Township does not have a specific budget for this study. However, the Township has allocated \$50,000 in the 2018 budget for water studies.

The City of Mt. Pleasant does not have a specific budget for this study.

6. The water study submitted on dropbox is not complete. Can we see the entire study?

The complete study has been placed in the dropbox.

7. Can you send me a map or description of the area in Mt. Pleasant that needs to have the water pressure increased? Preston Road south?

A map has been placed in the dropbox.

8. In the deliverables section:

“Union only treatment” is stated to conduct a pilot study to test this process before final selection...costs analysis for this scenario need to include cost to conduct pilot...that is to be in the selected firm’s report and to be part of the next phase, or does selected firm have to complete a pilot with this study? Do I include the pilot study cost with my cost to do the RFP?

Treatment through City states similar on cost to do pilot...done now with the study or budget price to be in report.

We would like a cost to complete the pilot in both of these scenarios. We assume that the selected firm will need to conduct a pilot study to determine water quality, etc., to spec equipment and process types. So, yes, include the budget cost in the report to do the pilot study as part of your cost to complete the overall study should your firm be selected.