

City of Mt. Pleasant Water System Reliability Study FAQs  
May 19, 2014

1. Can we use the City's WaterCad software license for the analysis?

The Consultant will have to use their own software for their work on this project.

2. Does the City want a five-year and 20-year Capital Improvement Plan provided as part of the deliverables? This is normally required with the general plan requirements.

The City develops its own Capital Improvement Plan, so we need a report listing system deficiencies to assist us in our planning efforts.

3. Other than the City water towers, does the system include pump stations, pressure reducing valves or other system controls?

We do not have any pressure reducing valves. We only have the high service pump station and two elevated tanks.

4. How many meetings with City Staff will be required?

The Consultant is required to have a project kick-off and organizational meeting, and a final report meeting. Other meetings that may be required are the responsibility of the Consultant to schedule. Regular project updates to the City are required of the Consultant.

5. What type of water use records are available (ie monthly records, daily, hourly)? Are the records available digitally?

The City has monthly reports and daily operational reports in Excel spreadsheets.

6. Are water use records available for the past three years?

We have daily pumpage reports, but we believe that our main WTP meter is inaccurate. We are working to have it corrected.

7. How old is the ISO hydrant test data?

We have the 1997 ISO report, but we also have hydrant flow test data from the 2004 model development. The City will also assist the Consultant in performing hydrant flow tests as required for this project.

8. Does the existing model include all water main or is it skeletonized?

The model includes the entire distribution system in place in 2004.

9. Will updates to the model be necessary for newly constructed water main projects?

Yes, updates from the 2014 construction season will be required, and will be provided by the City.

10. Are water records available for the top 10 customers?

Yes, the data will be provided.

11. Does the City have a record of the water main size, length, material and age for the entire water system?

The City has a fairly complete digital record of the system components.