

W/WW Planning - Development Review Timeline

WATER MODELING

I. Pre – Plan Review Evaluation – 30 day Typical*

A. Requirements from Owner

1. Water plan review fee
2. Estimated water demands (peak & average)
3. Estimated NFPA & ISO fire flow requirements
4. Project location (site layout if available)

B. Deliverables from GRU

1. Minor field investigations (e.g. fire hydrant flow test)
2. Preliminary evaluation of offsite improvements (e.g. identify potential off-site water main improvements)

II. Post Plan Submittal Evaluation

A. Requirements from Owner

1. Plan review fee(s)
2. Water demands (peak & average)
3. NFPA & ISO fire flow requirements
4. Project site layout and utility plan (including proposed pipe sizes)
5. Future phases and buildout estimated water demands and fire flows
6. Site layout including future phases and buildout with projected timing
7. Fire line flow requirements

B. Deliverables from GRU - 30 day Typical*

1. Minor field investigations (e.g. fire hydrant flow test)
2. Identification and general location of water main improvements

C. Deliverables from GRU – 60 day Typical*

1. Completion of analysis of on-site and off-site improvements

* GRU may not be able to complete the analysis in the typical time frames for complex cases that will require more extensive analysis such as model recalibration, specialized data analysis and/or field testing, and complex off-site improvements. In these cases, GRU will communicate with the owner on the timeline.

W/WW Planning - Development Review Timeline

Wastewater Modeling

I. Pre – Plan Review Evaluation – 30 day typical*

A. Requirements from Owner

1. Wastewater plan review fee
2. Estimated wastewater flows (peak & average)
3. Project location (site layout available)
4. Estimated gravity sewer discharge point location and elevation (if planning to connect to existing gravity sewer)

B. Deliverables from GRU

1. Minor field investigations (e.g. LS drawdown)
2. Preliminary evaluation of offsite improvements
 - a. Identify potential off-site sewer improvements
 - b. Determine available LS & gravity sewer capacity
 - c. Conceptual design of LS improvements or new LS (if applicable)

II. Post Plan Submittal

A. Requirements from Owner

1. Plan review fee(s)
2. Wastewater flows (peak & average)
3. Project site layout and utility plan (including proposed pipe sizes & gravity sewer elevations)
4. Future phases and buildout estimated wastewater flows
5. Site layout including future phases and buildout with projected timing

B. Deliverables from GRU - 30 day Typical*

3. Minor field investigations (e.g. LS drawdown)
4. Identification and general location of improvements
 - a. Gravity sewer
 - b. Force mains
 - c. Lift Station upgrade or new LS construction

C. Deliverables from GRU – 60 day Typical*

1. Completion of analysis of on-site and off-site improvements

* GRU may not be able to complete the analysis in the typical time frames for complex cases that will require more extensive analysis such as model recalibration, specialized data analysis and/or field testing, and complex off-site improvements. In these cases, GRU will communicate with the owner on the timeline.