

Application Request for Water and Sewer Modeling Services

General Project Information

Name:

Date:

Address/Location

ParID:

Lot#:

Unit:

Mailing Address:

City:

State:

Zip:

Phone#:

Email:

Name/Location of Project:

Number of Units/Lots:

Has the appropriate Planning Department been contacted about this project? Yes No
If yes, person contacted?

Each scenario completed by MCPW & GIS requires the \$200 modeling services fee. How many scenarios is your organization requesting at this time?

Water Modeling Scenarios:

Sewer Modeling Scenarios:

MCPW will provide a report for design and permitting.

NOTE: If using MCPWD analysis, Randy Gould, PE, Public Works Director or Leonard McBryde, PE, County Engineer needs to be notified.

Water Model Information

1. Has the fire marshal / chief been contacted by your organization to obtain the recommended fire flow for a two (2) hour fire? Yes No

If yes, what was the recommended fire flow for a two (2) hour fire?

gpm

Suggested by:

Date:

2. What are the materials being used for the structure?

Brick Vinyl Siding Wood Composite

Stucco Other:

3. What is the maximum height of proposed structures? ft.

4. Do you plan to have a fire sprinkler system? Yes No

If yes, do you know the needed flow/psi required? Yes No

If yes, please provide gpm psi

5. What is the square footage of proposed structures?

Minimum sq. ft. Maximum sq. ft.

6. What is the space between proposed structures?

Minimum ft. Maximum ft.

Anticipated Water demand without fire gpm

7. Has your organization submitted a water layout map complete with pipe diameters and hydrant locations to MCPW? Yes No

If yes, date submitted:

8. Has your organization provided the demands needed with calculations (domestic demand and sprinkler demand) for MCPW to analyze the water system's capabilities using their in-house water model?

Yes No

NOTE: Please provide full calculations to Randy Gould, PE, Public Works Director or Leonard McBryde, PE, County Engineer.

Provide the demand needed for domestic and sprinkler with simple calculations below.

Domestic demand: gpd

calculation:

Sprinkler demand: gpd

calculation:

Sewer Model Information

1. Has your organization submitted a sewer layout map complete with pipe diameters, manholes and lift station locations to MCPW? Yes No

If yes, date submitted:

2. Has your organization provided the proposed sewer flow with calculations for MCPW to analyze the sewer system's capabilities using their in-house sewer model?

Yes No

NOTE: Please provide full calculations to Randy Gould, PE, Public Works Director or Leonard McBryde, PE, County Engineer.

Provide the proposed sewer flow with simple calculations below.

Sewer flow: gpd

calculation:

Submitted by:

Date:

Office Use Only

Application Received By:

Amount Paid:

Date Received:

Date Modeling Fee Paid:

Date for Water/Sewer Modeling: