

# 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 Brian Patnode, 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 Brian Patnode, 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 Brian Patnode, PE, County Engineer.**

Provide the proposed sewer flow with simple calculations below.

Sewer flow: \_\_\_\_\_ gpd

calculation: \_\_\_\_\_

Submitted by: \_\_\_\_\_ Date: \_\_\_\_\_

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## **Office Use Only**

Application Received By: \_\_\_\_\_ Amount Paid: \_\_\_\_\_

Date Received: \_\_\_\_\_ Date Modeling Fee Paid: \_\_\_\_\_

Date for Water/Sewer Modeling: \_\_\_\_\_