

August 28, 2025

Mr. Phillip Grooms
City Manager
City of Mount Pleasant, Tennessee
100 Public Square
Mount Pleasant, TN 38474

RE: 222 Appletree Street
Sewer Capacity

Dear Mr. Grooms:

The City of Mount Pleasant requested Barge Design Solutions complete a capacity evaluation for the proposed tap connection for four townhomes located at 222 Appletree Street. This information was utilized to review the impacts of the projected flow of the development to the wastewater system capacity.

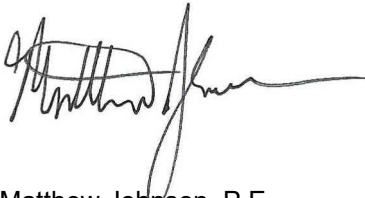
The review indicates there is available collection system capacity for the proposed development. The proposed project adds approximately a 1,200 gallon per day (gpd) load on the existing 12-inch gravity sewer. The new load on the system should not have enough impact to create capacity limitations on the 12-inch gravity sewer or assets connected to it.

It is assumed that the developer will connect to the closest active downstream manhole to the development (MH 562). Furthermore, the developer needs to comply with the current City specifications for this proposed connection. Design of the connection should be submitted for the City to review and approve before installation.

If there are any questions regarding this capacity review, please contact me at (615) 252-4236.

Sincerely,

Barge Design Solutions, Inc.



Matthew Johnson, P.E.
VP, Regional Director of Projects

c: Mr. Dale Brown, Public Works Director, City of Mount Pleasant
Mr. Chris Brooks, Planning & Building Codes Director, City of Mount Pleasant

Barge project # 34808-00

