



October 8, 2020

Mr. Terry Walker
Manager
West Overton Utility District
684 Rickman-Monterey Highway
Rickman, Tennessee 38580

RE: Availability for Sam Tays on Morgan Haney Road

Dear Mr. Walker:

Barge has reviewed the capacity request for the above-mentioned potential development of four additional lots on Morgan Haney Road. It is our determination that availability for the lots may be granted immediately for the proposed development.

The proposed development is located on Morgan Haney Road, off of Thorn Gap Road. The proposed development is served by a 2-inch line on Morgan Haney, which is served by a 4-inch line along Thorn Gap Road. The approximate static pressure in the area is 38 psi. The predicted minimum pressure under current conditions is approximately 32 psi. With the additional demand of the four new lots, the minimum pressure is expected to be approximately 22 psi. This minimum pressure would be above the TDEC minimum of 20 psi. The current minimum pressure of 32 psi could be maintained if 2,500 linear feet of the 2-inch main was replaced with 4-inch pipe.

This response is not a guarantee of any amount of capacity for fire protection.

This response does not relieve the landowner from any system development or access fees required by the District.

For the analysis and information gathering related to the water availability request, Barge's costs will be \$300.00

Sincerely,

Barge Design Solutions, Inc.

Luke Burriss, PE
Project Engineer

c: Mark Noe, PE, Barge Design Solutions

Barge project # 33163-00