

# DIEHL & PHILLIPS, P.A.

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WILLIAM C. DIEHL, P.E.  
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March 30, 2022

Ms. Kimberly Tyson  
Chatham County Planning Department  
P.O. Box 54  
Pittsboro, NC 27312

Re: Water Supply and Wastewater Treatment Capacity for Section X Area M  
And Millcroft Realignment, Fearington P.U.D

Dear Ms. Tyson:

Water supply for Section X Area M and Millcroft Realignment is available from the Chatham County water system through existing water agreements between the County and Fitch Creations, Inc.

The current situation at the Fearington WWTP can be summarized as follows:

WWTP Average Daily Flow	0.165 mgd *
Permitted Flow not yet Tributary**	<u>0.0552 mgd</u>
Total Current Permitted Flow	0.2202 mgd

Total flow for Sec. X Area M (5 units) 0.0013 mgd  
Total flow for Millcroft Realignment (0 units) 0 mgd

Current Permitted Flow including Section X Area M & Millcroft 0.2215 mgd\*\*\*

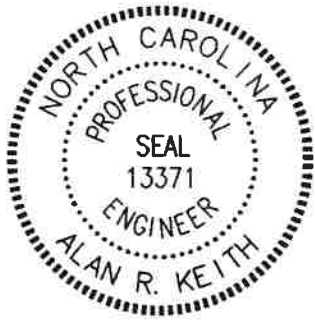
Total Constructed WWTP Capacity	0.270 mgd
Total Permit Capacity	0.500 mgd

The Fearington WWTP currently has capacity to serve Section X Area M and Millcroft Realignment at Fearington (1,250 gallons per day). The existing collection system has capacity to serve the proposed project. Fitch Creations, Inc. has Authorization to Construct an expansion to the wastewater treatment plant from the North Carolina Division of Environmental Quality.

\* mgd = million gallons per day.

\*\* The permit flow was reconciled August 5, 2014

\*\*\*The State has granted a flow reduction to Fitch Creations at 250 gallons per day/unit



Sincerely,

Diehl & Phillips, P.A.

A handwritten signature in black ink, appearing to read "A. R. Keith".

3/30/22

Alan R. Keith, P.E.

Cc: R.B. Fitch  
Greg Fitch  
Dan Sears  
John Phillips

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