

# 3-ENGINEERING, LLC

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September 22, 2009

Allen Knapp, Onsite Program Manager  
Division of Onsite Sewage and Water Services  
Virginia Department of Health  
109 Governor St.  
Richmond, VA 23219

Dear Sir:

Subject: Multi-Flo FTB-Series Submittal in Accordance with GMP 147

I was Director of Engineering for the manufacturer from 2000 until 2006 and have first-hand knowledge of the capabilities and limitations of the Multi-Flo FTB-Series. I certify that in my professional opinion the Multi-Flo FTB-Series can be expected to produce effluent at the end-of-pipe that will likely meet the treatment expectations identified within GMP 147 as it is promulgated on September 22, 2009. I have reviewed the manufacturer's O&M manual, and in my professional opinion, the manufacturer's maintenance schedule appears to accurately reflect the servicing and maintenance need of the Multi-Flo FTB-Series.

The Multi-Flo FTB-Series has achieved disinfection less than 2000 CFUs/100 mL without the need for additional disinfection. The designer may specify the installation of a Salcor 3-G to provide additional disinfection. The Salcor 3-G will be required if disinfection is not achieved. The Multi-Flo treatment system has been tested in conjunction with the Salcor 3-G and demonstrated to provide an effluent having less than 2000 CFUs/100 mL. Information on the Salcor 3-G is included in the manufacturer's submittal.

Sincerely,



Bennette D. Burks, P.E.



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**CERTIFICATE OF AUTHORIZATION**

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