



**State of Louisiana**  
Louisiana Department of Health  
Office of Public Health

August 8, 2016

Amanda Laughlin, P.E., Chief Engineer  
Engineering Services  
Office of Public Health  
Louisiana Department of Health  
628 N. 4<sup>th</sup> Street  
P.O. Box 4489  
Baton Rouge, Louisiana 70821-4489

**Re: Letter of Intent – Glass-Fiber Reinforced Polyester (FRP) Manhole Requirements**

Dear Ms. Laughlin:

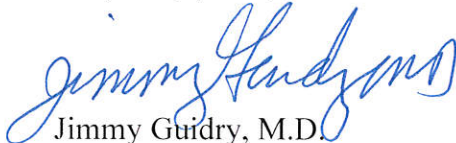
It has recently come to my attention that there are currently no prescribed design requirements for glass-fiber reinforced polyester (FRP) manholes in Part XIII (Sewage Disposal) or LAC Title 51 (Public Health Sanitary Code). It is my understanding, based upon your staff's research and recommendation, that FRP manholes are being successfully utilized throughout the United States and that those units meeting existing nationally recognized performance standards would provide design professionals and municipalities another reliable option for manholes on sewerage collection systems. Therefore, it is my intent to allow FRP manholes on sewerage collection systems when all of the following requirements are met:

1. FRP manholes shall conform to ASTM D3753 (Standard Specification for Glass-Fiber Reinforced Polyester Manholes).
2. FRP manholes shall carry a minimum H-20 load rating in accordance with AASHTO M 306 (Standard Specification for Drainage, Sewer, Utility, and Related Castings).
3. Manhole covers shall be load-rated for the anticipated use.
4. Installation, anti-floatation precautions, backfill, and post-installation inspection/testing procedures shall be performed in strict accordance with the manufacturer's instructions.

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Re: Letter of Intent – Fiberglass Manhole Requirements

Please ensure that copies of this letter are circulated to your staff and others as appropriate.

Very truly yours,



Jimmy Guidry, M.D.  
State Health Officer

JG/AL/CB/JK/jkh

cc: District/Regional/Central Office Engineers, Engineering Services Section, CEHS, OPH