

December 27, 2019

**VIA EDGAR**

U.S. Securities and Exchange Commission  
Division of Corporation Finance  
100 F. Street, NE  
Washington, D.C. 20549  
Attention: Irene Paik

**Re: CHF Solutions, Inc.  
Registration Statement on Form S-1  
File No. 333-235658  
Acceleration Request  
Requested Date: December 30, 2019  
Requested Time: 4:30 P.M. Eastern Time**

Ladies and Gentlemen:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, CHF Solutions, Inc. (the “**Company**”) hereby requests that the above-referenced Registration Statement on Form S-1 (File No. 333-235658) (the “**Registration Statement**”) be declared effective at the “Requested Date” and “Requested Time” set forth above, or as soon as practicable thereafter, or at such later time as the Company or its counsel may orally request via telephone call to the staff of the Division of Corporation Finance of the Securities and Exchange Commission. The Company hereby authorizes each of Phillip D. Torrence and Jessica M. Herron of Honigman LLP, counsel to the Company, to make such request on its behalf.

Please confirm the effectiveness of the Registration Statement with Jessica M. Herron of Honigman LLP by telephone at (313) 465-7602 or, in her absence, Philip D. Torrence of Honigman LLP by telephone at (269) 337-7702.

*[Signature page follows]*

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Sincerely,

CHF SOLUTIONS, INC.

By: /s/ John Erb

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John Erb  
Chief Executive Officer

cc: Thomas Lynch, CHF Solutions, Inc.  
Phillip D. Torrence, Honigman LLP  
Jessica M. Herron, Honigman LLP

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