

**ProFrac Holding Corp.**  
**333 Shops Boulevard, Suite 301**  
**Willow Park, TX 76087**

August 2, 2023

**VIA EDGAR TRANSMISSION**

U.S. Securities and Exchange Commission  
Division of Corporation Finance  
Office of Energy & Transportation  
100 F Street, N.E.  
Washington, D.C. 20549

**RE: ProFrac Holding Corp.**  
**Registration Statement on Form S-3 (File No. 333-273453)**  
**Request for Acceleration of Effective Date**

Ladies and Gentlemen:

In accordance with Rule 461 promulgated under the Securities Act of 1933, as amended, ProFrac Holding Corp. (the "**Company**") hereby respectfully requests that the effective date of the above-referenced Registration Statement on Form S-3 be accelerated to 4:00 p.m. Eastern Time, on August 4, 2023, or as soon as practicable thereafter.

We request that we be notified of such effectiveness by a telephone call to Samuel P. Williams, Esq. of Brown Rudnick LLP at (617)856-8353 and that such effectiveness also be confirmed in writing. Thank you for your assistance in this matter.

Very truly yours,

**PROFRAC HOLDING CORP.**

By: /s/ Lance Turner  
Lance Turner  
Chief Financial Officer

cc: Robert Willette, ProFrac Holding Corp.  
Samuel P. Williams, Esq., Brown Rudnick LLP  
James E. Bedar, Esq., Brown Rudnick LLP