

ProFrac Holding Corp.
333 Shops Boulevard, Suite 301
Willow Park, Texas 76087
(254) 776-3722

August 3, 2022

VIA EDGAR

United States Securities and Exchange Commission
Division of Corporation Finance
Office of Energy & Transportation
100 F. Street, N.E.
Washington, D.C. 20549-3561
Attention: Liz Packebusch

Re: ProFrac Holding Corp.
Registration Statement on Form S-1
File No. 333-266465

Ladies and Gentlemen:

On behalf of ProFrac Holding Corp., and pursuant to Rule 461 promulgated under the Securities Act of 1933, as amended, the undersigned hereby requests that the effective date of the above-referenced Registration Statement on Form S-1 be accelerated to 4:00 P.M., Washington, D.C. time, on August 5, 2022, or as soon as practicable thereafter.

We request that we be notified of such effectiveness by a telephone call to Scott D. Rubinsky of Vinson & Elkins L.L.P. at (713) 758-3287 and that such effectiveness also be confirmed in writing. Thank you for your assistance in this matter.

[Signature Page Follows]

Very truly yours,

PROFRAC HOLDING CORP.

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

cc: Robert Willette, ProFrac Holding Corp.
Michael S. Telle, Vinson & Elkins L.L.P.
Scott D. Rubinsky, Vinson & Elkins L.L.P.

[Signature Page to Company Acceleration Request]