

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

May 11, 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: Kevin Dougherty

Re: ProFrac Holding Corp.
Withdrawal of Company Acceleration Letter dated May 10, 2022 and New Request
for Acceleration for Registration Statement on Form S-1 (as amended)
File No. 333-261255

Ladies and Gentlemen:

ProFrac Holding Corp., a Delaware corporation (the "Company"), hereby respectfully requests withdrawal of its acceleration request dated May 10, 2022 relating to the effectiveness of its Registration Statement on Form S-1 (File No. 333-261255), originally filed on May 10, 2022. The Company is submitting a new acceleration request as provided herein.

The Company hereby requests acceleration of the effective date of its Registration Statement to 9:00 A.M., Washington, D.C. time, on May 12, 2022, or as soon as practicable thereafter.

Please contact Scott D. Rubinsky of Vinson & Elkins L.L.P., special counsel to the Company, at (713) 758-3287, as soon as the Registration Statement has been declared effective, or if you have any other questions or concerns regarding this matter. 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]