

**Growth Capital Acquisition Corp.
The Chrysler Building
405 Lexington Ave
New York, NY 10174**

January 27, 2021

VIA EDGAR

U.S. Securities & Exchange Commission
Division of Corporation Finance
Office of Manufacturing
100 F Street, NE
Washington, D.C. 20549
Attn: Ms. Asia Timmons-Pierce

**Re: Growth Capital Acquisition Corp.
Registration Statement on Form S-1, as amended
Filed August 18, 2020
File No. 333-248087**

Dear Ms. Timmons-Pierce:

Pursuant to Rule 461 under the Securities Act of 1933, as amended, Growth Capital Acquisition Corp. hereby requests acceleration of effectiveness of the above referenced Registration Statement so that it will become effective at 9:00 a.m. ET on January 29, 2021, or as soon as thereafter practicable.

Very truly yours,

/s/ George Syllantavos

George Syllantavos
Co-Chief Executive Officer

cc: Ellenoff Grossman & Schole LLP
Loeb & Loeb LLP
