

UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

February 9, 2022

Andrey Zarur President and Chief Executive Officer GreenLight Biosciences Holdings, PBC 200 Boston Avenue Medford, Massachusetts 02155

> Re: GreenLight Biosciences Holdings, PBC Registration Statement on Form S-1 Filed February 7, 2022 File No. 333-262574

Dear Dr. Zarur:

This is to advise you that we have not reviewed and will not review your registration statement.

Please refer to Rules 460 and 461 regarding requests for acceleration. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Please contact Michael Davis at 202-551-4385 or Celeste Murphy at 202-551-3257 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: John D. Hancock