

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

October 3, 2022

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

> Re: GreenLight Biosciences Holdings, PBC Registration Statement on Form S-1 Filed September 26, 2022 File No. 333-267619

Dear Andrey 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 Doris Stacey Gama at 202-551-3188 with any questions.

Sincerely,

Division of Corporation Finance Office of Life Sciences

cc: John D. Hancock, Esq.