

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

July 20, 2020

William B. Hoagland Principal Financial Officer Ecoark Holdings, Inc. 5899 Preston Road #505 Frisco, TX 75034-9591

Re: Ecoark Holdings, Inc.
Registration Statement on Form S-1
Response Dated July 15, 2020
File No. 333-239646

Dear Mr. Hoagland:

We have limited our review of your registration statement to those issues we have addressed in our comments. In some of our comments, we may ask you to provide us with information so we may better understand your disclosure.

Please respond to this letter by amending your registration statement and providing the requested information. If you do not believe our comments apply to your facts and circumstances or do not believe an amendment is appropriate, please tell us why in your response.

After reviewing any amendment to your registration statement and the information you provide in response to these comments, we may have additional comments.

Registration Statement on Form S-1

General

1. Please amend your filing to incorporate by reference the financial statements provided in response to our prior comment letter or add the financial statements to the contents of your registration statement.

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.

Refer to Rules 460 and 461 regarding requests for acceleration. Please allow adequate time for us to review any amendment prior to the requested effective date of the registration statement.

William B. Hoagland Ecoark Holdings, Inc. July 20, 2020 Page 2

You may contact Melissa Raminpour, Accounting Branch Chief, at 202-551-3379 if you have questions regarding comments on the financial statements and related matters. Please contact Asia Timmons-Pierce, Special Counsel, at 202-551-3754 or Jay Ingram, Legal Branch Chief, at 202-551-3397 with any other questions.

Sincerely,

Division of Corporation Finance Office of Manufacturing

cc: Ross Carmel