August 24, 2021

Jason DiBona Chief Executive Officer AeroClean Technologies, LLC 10455 Riverside Drive Palm Beach Gardens, FL 33410

Re: AeroClean

Technologies, LLC

Draft Offering

Statement on Form 1-A

Submitted on August

9, 2021

CIK No. 0001872356

Dear Mr. DiBona:

We have reviewed your draft offering statement and have the following comments. In

some of our comments, we may ask you to provide us with information so we may better $% \left(1\right) =\left(1\right) +\left(1\right$

understand your disclosure.

Please respond to this letter by providing the requested information and either submitting

an amended draft offering statement or publicly filing your offering statement on $% \left(1\right) =\left(1\right) +\left(1\right) +$

EDGAR. Please refer to Rule 252(d) regarding the public filing requirements for non-public

submissions, amendments and correspondence. 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 your amended draft offering statement or filed offering

statement and the information you provide in response to these comments, we may have

additional comments.

Comments & Notes to Comments

Cover Page

1. Please clarify whether the approval of Nasdaq for listing of the common stock is a condition of this offering.

Market and Industry Data, page iii

2. You state that you have not independently verified market and industry forecasts from

third-party sources.

Please note that you are responsible for the entire content of the

offering statement.

Please revise your disclosure to remove any implication that you are Jason DiBona

AeroClean Technologies, LLC

August 24, 2021

Page 2

 $\,$ not responsible for assessing the reasonableness and soundness of the market and industry

data included in your disclosures.

Prospectus Summary, page 1

3. Please disclose in the prospectus summary that you have not yet generated any revenue,

you incurred net losses of \$3.3 million and \$0.2 million during the years ended December

31, 2020 and 2019, respectively, and have accumulated deficit of \$8.2 million as of

December 31, 2020 which raises substantial doubt about your ability to

continue as a going concern. Description of Capital Stock, page 66

4. Please disclose the total number of Class A units that are currently outstanding and the $\$

conversion terms. Clarify the conditions under which the outstanding Class A units will

automatically convert into shares of common stock prior to the closing of this offering.

Please contact Austin Pattan, Staff Attorney, at (202) 215-1319 or Jan Woo, Legal

Branch Chief, at (202) 551-3453 with any questions.

Sincerely,

FirstName LastNameJason DiBona

Division of

Corporation Finance Comapany NameAeroClean Technologies, LLC

Office of Technology

August 24, 2021 Page 2 cc: Valerie Ford Jacob FirstName LastName