

Thanks,
Brent

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On Apr 19, 2021, at 8:25 AM, Marwa Zaatari <marwa.zaatari@gmail.com> wrote:

Thank you Brent!

Can you elaborate more on the timeline? Is 4-6 weeks all the experiments? by experiment? Does it include time to write the analysis? Also, do you plan to publish the results in a journal like you did for GPS – all experiments at once or one by one..

For the GPS test (and maybe others), do you think it is a good idea to run the system for 24 hrs before the test begins. This is 1 point mentioned in GPS rebuttal. I think you addressed the other ones by doing more tests and recirculating vs single pass.

Thank you,
Marwa

From: Brent Stephens <brent@iit.edu>

Date: Friday, April 16, 2021 at 9:49 AM

To: Nicole Goren <nicole@thegorenfamily.com>, marwa.zaatari@gmail.com <marwa.zaatari@gmail.com>

Subject: Follow up

Hi Nicole, Marwa,

First and foremost THANK YOU for your ideas, time, and energy on this campaign. It is a remarkable and unique situation. I presume Alex Taylor is the Alex Taylor of Austin Air Canada — I was wondering if/when the conventional air filtration industry would get behind supporting some of this work as obviously it is most likely going to help their industry.

Second, I'm just writing to let you know that I've put in motion our testing process now that we've got this commitment in hand (and quickly at that!). To ensure we can conduct this testing on a relatively timely basis, I'm working with the same commercial analytical lab we used for the initial GPS device testing. They're more expensive than some other options, but with this funding in hand we can afford it and receive the benefits of timely sampling and analysis.

We're planning to run 2-3 tests per device so we can test at least 1 replicate and perhaps a second "condition" (i.e., recirculating vs. single pass).

We've now setup our chamber to run in recirculation mode, which is closer to real life operation than single-pass (we'll see if it makes any difference).

We've got the GPS NPBI, AtmosAir Matterhorn, and RGF Halo-LED. The tentative plan is to finish out the NPBI, move to RGF, and then AtmosAir, beginning as early as next week depending on a few factors, and running through the following 4-6 weeks depending on how well things go.

Thanks,
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