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Jim Ferrell, Mayor

Associate Professor Edmund Seto, Ph.D.
Professor Timothy Larson, Ph.D.
Environmental & Occupational Health Sciences
1959 NE Pacific Street
Campus Mail Box 357234
Seattle, WA 98195

Dear Professors Larson and Seto:

Thank you for recently sharing the report on the interim measurements of ultrafine particles measured around Seattle Tacoma International Airport. On May 7, 2019, after discussing the interim results and receiving input from our citizens, and with the concurrent approval of the Mayor, the Federal Way City Council unanimously agreed to ask the MOV-UP study team to extend and expand the present study.

We are asking for additional measurement locations to provide more extensive data on the impact of the ultrafine particles on the health of our citizens.

Specifically, we recommend the following methodology based on your report:

First, include the measurement of an area that is not affected by air traffic. We have been briefed that measurements at a location on the Pacific coast with cleaner offshore winds would give the overall study a baseline. This data would be used to compare the difference in ultrafine particles in current and future measurements.

Second, we ask that vertical measurements by various altitudes be taken before and after aircraft landings. We agree that locations under the flight path should include two parks, two schools, and parts of Federal Way within NEPA/SEPA social justice impact areas. We understand this would be subject to FAA consent and coordination due to the use of drones, and we will support your efforts in securing their cooperation. Our hope is for us to be able to share a report with our citizens by the end of the year.

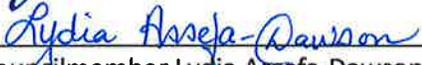
Third, as proposed by Dr. Larson, we endorse the design of a permanent ultrafine monitoring network. The design of this network would generate a high probability of incontrovertible exposure data that would be accepted as "scientific truth." Areas of focus will be similar to the vertical measurements including two parks, two schools, and the social justice impact areas. The network should also include sites in the area not subject to air traffic for comparison. This monitoring network would function year-round and 24 hours a day. We are hoping such a design may be completed by mid-August 2019 and would be a model for other communities.

If funding is needed by the University of Washington to expand the study, we recommend and will support an application to the Port of Seattle for a fully funded grant. In addition, we will advocate for other affected cities to join us in these proposals.

Sincerely,



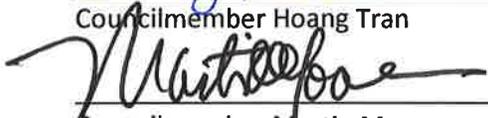
Mayor Jim Ferrell



Councilmember Lydia Assefa-Dawson



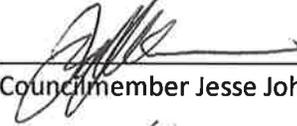
Councilmember Hoang Tran



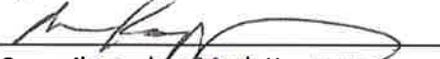
Councilmember Martin Moore



Deputy Mayor Susan Honda



Councilmember Jesse Johnson



Councilmember Mark Koppang



Councilmember Dini Duclos