# **Active Air Purification System**

April 26, 2021
Projects & Services Committee Meeting



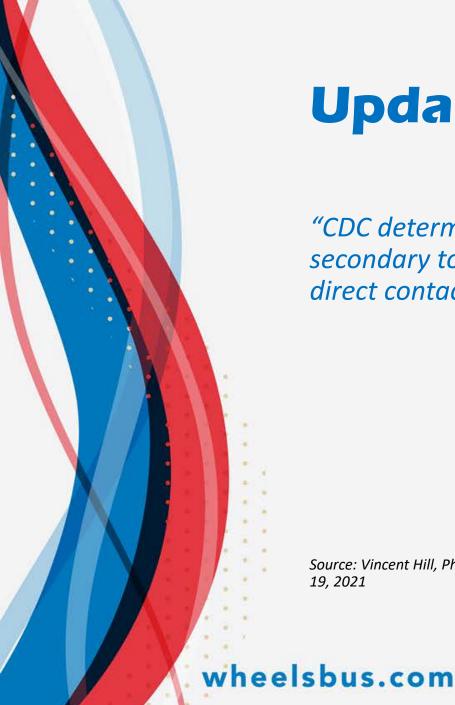
### **Current Initiatives**

- Cleaning
  - All buses are disinfected thoroughly prior to placing in service each day
  - Passenger amenities at Transit Center are disinfected twice each day
- Improvement on board buses
  - Installation of driver barrier doors
  - Installation of hand sanitizers
  - Upgrading air filter to highest grade allowed by manufacturer
- Load and Arrival information in real time
  - Passenger load and arrival information is available through the Transit App

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## **Updated Report from CDC**

"CDC determined that the risk of surface transmission is low, and secondary to the primary routes of virus transmission through direct contact droplets and aerosols."

Source: Vincent Hill, Ph.D., Chief of Waterborne Disease Prevention Branch at the CDC during telephone briefing on April 19, 2021







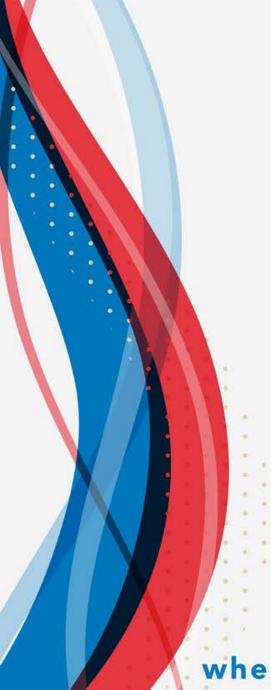
## Click on Link to View Potential Mitigation – Active Air Purification

https://www.dropbox.com/s/cijp5zuc96qkgcz/All%20Public%20Transportation%20-%20Active%20Air%20Purification%20Overview.mp4?dl=0

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### **Product Information**

- Active Air Purification System
  - Utilizes safe levels of naturally occurring hydroperoxides
  - Safe for all passengers
  - Eliminates 99% of germs, microbes, viruses, bacteria in air and on surfaces
  - Effective against SARS-CoV-2, the virus that causes COVID-19
  - Increases air quality and safety for ridership
  - Causes no damage to interior surfaces







## **Proven Technology**

- Independent tests conducted by:
  - MTS (San Diego, CA)
  - SEPTA (Philadelphia, PA)
  - LA Metro (Los Angeles, CA)
- Other agencies with Active Air Purification installed:
  - Humboldt Transit (CA)
  - Turlock Transit (CA)
  - Link Transit (WA)

- UTA (Salt Lake City, UT)
- KCATA (Kansas City, KS)
- Via (San Antonio, TX)
- Redwood Coast Transit (CA)
- Capital Metro (TX)
- Green Bay Metro (WI)

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## **Next Steps**

- This item will be presented to the full board for approval on May 3, 2021.
- If approved, installation will begin in May and complete in June.

## **Questions?**

