

Active Air Purification System

April 26, 2021

Projects & Services Committee Meeting

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TRANSIT AUTHORITY



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

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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

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Proven Technology

- Independent tests conducted by:
 - MTS (San Diego, CA)
 - SEPTA (Philadelphia, PA)
 - LA Metro (Los Angeles, CA)
 - UTA (Salt Lake City, UT)
 - KCATA (Kansas City, KS)
 - Via (San Antonio, TX)
- Other agencies with Active Air Purification installed:
 - Humboldt Transit (CA)
 - Turlock Transit (CA)
 - Link Transit (WA)
 - Redwood Coast Transit (CA)
 - Capital Metro (TX)
 - Green Bay Metro (WI)

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?

