

NEWS RELEASE

DELAWARE DEPARTMENT OF CORRECTION

Commissioner Claire DeMatteis

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DOC invests in new COVID-19 mitigation technology for building ventilation systems, as DOC vaccinations increase and inmate COVID-19 cases drop to 5 statewide

Dover, DE -- As the number of inmates with active COVID-19 infection drops to the single digits statewide and the number of individuals vaccinated by DOC approaches 1,000, the Delaware Department of Correction (DOC) continues to deploy new technology to support its comprehensive COVID-19 mitigation efforts.

Over the past week, crews have begun installing cutting-edge air quality improvement equipment designed to remediate against COVID-19 in Delaware's correctional facilities, starting at Howard R. Young Correctional Institution (HRYCI) in Wilmington. The *Eagle X Pro corona discharge system*, produced in the United States by a Nevada-based company, uses innovative technology to produce billions of positively and negatively charged oxygen ions, which are injected into a building's HVAC system and distributed throughout its indoor climate-controlled spaces. These charged ions combine with water molecules to create an airborne hydroperoxide compound that attacks any virus, bacteria, mold or other pathogen in the indoor space. Upon contact, a chemical reaction takes place that breaks down the structure of these pathogens and neutralizes them. This bi-polar ionization system has been demonstrated to eliminate 99% of pathogens and contaminants, including a new adaption to decontaminate for the SARS-CoV-2 virus.

"In mid-March as soon as the pandemic hit, DOC set all facility HVAC systems to circulate 100% outside air as part of our COVID-19 mitigation efforts," said **Department of Correction Commissioner Claire DeMatteis**. "When we learned of this new technology, we immediately pursued it and we are installing these new air purification systems in our facilities with urgency as an additional protection before any new strains of COVID-19 impact our correctional system. This technology, as part of our comprehensive COVID-19 mitigation strategy, will help keep our officers, staff, visitors, and inmates safe and help support our work to return to normal operations in the coming weeks."



EAGLE X PRO