

# FACILITIES MANAGEMENT

AT COLORADO STATE UNIVERSITY

FM WEEKLY  
COMMUNICATION

August  
24, 2020

Issue 72

Good Morning Facilities Management Team,

As we welcome our students, faculty, and staff back to campus, physically and virtually for the fall semester, I want to share some of the efforts that the Facilities Management (FM) team has been involved in to ensure healthy facilities during this COVID-19 pandemic. I also want to remind everyone to do their part by continuing to practice social distancing, wear facial coverings, and follow proper prevention hygiene, such as washing hands frequently and using alcohol-based (at least 60% alcohol) hand sanitizer when soap and water are not available. A few of the many preparations to note are:

- [FM has worked with faculty members with expertise in energy and environmental health, public health experts, and members of the University's COVID-19 Pandemic Preparedness Team to heighten the improvement of indoor air quality in buildings on all campuses.](#)
- FM spent recent months planning and taking actions that will lead to the improvement of indoor air quality and slowing the transmission of viruses via the building ventilation systems. Specific actions include:
  - ◇ [Increased outdoor air](#) when possible, and if necessary installed portable HEPA filtration units in University buildings. Our proactive actions will increase outside air to building spaces, treat return air and/or supply air to spaces via mechanical filtration or treating the air, and maintain indoor comfort as defined by temperature and relative humidity.
  - ◇ [Daily flush of building air prior to occupancy](#): Ventilation systems are operated to run a minimum of two hours prior to the start of each class day, and for two hours at the completion of each day. In many cases our buildings ventilation systems will run continuously during the pandemic.
  - ◇ [Filtration Upgrades](#): Increase filtration efficiency in existing ventilation systems on a temporary basis during the pandemic. This involves applying the highest Minimum Efficiency Reporting Value air filters applicable for the building ventilation system, and in specific situations CSU will use High Efficiency Particulate Air units in the classroom.

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- FM is working with a faculty group (mostly at Colorado State—Dr. Tami Bond, Scott Presidential Chair in Energy, Environment and Health and Professor, Mechanical Engineering; et al.) that is developing a paper on aerosol transmission of infectious disease.
- Custodians are cleaning and disinfecting all high-touch surfaces in public areas daily, including tables, chairs, doors, handrails, light switches, countertops, toilets/sinks, etc. Custodial staff are cleaning all horizontal and vertical surfaces daily in elevators, classrooms, conference rooms, entrances/lobbies, restrooms, and lounges.
- Space preparations to ensure social distancing involved limiting classroom seating capacity to 50% or less to provide required physical separation between students and faculty. To achieve this, FM had to assess each classroom floorplan, remove approximately half the classroom furniture, and move to storage. In the case of fixed classroom furniture, we had to tape off the seating so it could not be used. Additionally, our team installed various signage throughout buildings to designate entry and exit doors.
- Supporting COVID testing (<https://covidrecovery.colostate.edu/>) by providing numerous tents throughout campus, and weekly wastewater sampling that serves as early detection primarily from residence halls.
- Of our 600-person FM team, all personnel have returned to normal working schedules on campus, except 90 of our team who are still teleworking.

Thank you,



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