

Disinfection of Spaces at OSU with Confirmed or Suspected Cases of COVID-19

This document provides guidance on environmental cleaning and disinfection for all rooms and areas with exposure to suspected or confirmed cases of COVID-19. Persons infected will shed the virus in respiratory secretions and feces, which may contaminate surfaces within the work area or in restrooms. The objective of these guidelines is to reduce the risk of exposure to SARS-CoV-2 (the virus that causes COVID-19) to cleaning staff and co-workers who may share spaces with an infected person. The recommendations included in these guidelines have been adapted from the CDC guidelines for non-healthcare facilities.

Notification

Any university community member who is made aware of a positive COVID-19 test or diagnosis should contact the relevant Point of Contact (POC) listed in OSU Resumption Plan, Section 4, Communicable Disease Management Plan, Pg. 38 (<https://oregonstate.app.box.com/s/raoi7dap1gm2vrnjeinpldiv5bnrchre>). In consultation with the Local Public Health Authorities, the OSU POC, or designee, will contact the appropriate Facilities Point of Contact to deploy systematic disinfection of the affected areas.

Response Time and Cleaning

When notified of an area on campus that requires enhanced cleaning for SARS-CoV-2, the area must be vacated and secured for an appropriate time before cleaning begins, if possible.

- Spaces such as private offices that are not shared spaces are best left for three days before initiating cleaning. Leaving the area unoccupied allows the virus to be removed via normal environmental decay, drying and exposure to oxygen and light.
- If it is more than seven days since the person who is sick visited or used the facility, additional cleaning and disinfection is not necessary per the CDC, but is still recommended.
- Shared spaces or common areas where it is not practical to vacate for extended times should be vacated for three to four hours prior to cleaning if possible. This allows for airborne particles and droplets to settle out of the air, but is not sufficient time for the virus to degrade via environmental decay.
- If the area needs to be occupied in less than a three to four hour period, it is recommended to use an N95 respirator as a precautionary measure when entering an enclosed area.
- A restricted access sign or similar communication (located at the end of this document) should be placed on the door of the area that requires cleaning.

Required Materials

- Disposable gloves and protective clothing, such as gowns or other suitable protective outerwear such as coveralls
- Safety glasses
- Disinfectant with efficacy against COVID-19 (<https://www.epa.gov/pesticide-registration/list-n-disinfectants-use-against-sars-cov-2>).
- Wipes or paper towels
- Trash bags

- Product to perform hand hygiene (soap and water (preferred) or hand sanitizer containing 60%-95% alcohol).
- N-95 respirator if required as noted above or if required by the disinfectant's product label.
- The above supplies may be obtained from Chemistry Stores (Gilbert Hall), the Resumption Store (Surplus Property) or via a private supply company.

Cleaning and disinfecting surfaces

- All smooth, non-porous horizontal surfaces must be cleaned, including desks, chairs, tables, floors, workbenches, and bookshelves. Porous surfaces are difficult to decontaminate. Potentially contaminated materials such as papers, writing utensils, tools, etc., should be bagged and isolated for several days to allow for natural environmental decay if they cannot be treated with disinfectant.
- Allow fresh air to circulate in the area. Outside doors and windows should be opened where possible.
- Persons conducting cleaning tasks must wear disposable gloves and protective clothing when cleaning and disinfecting surfaces. After cleaning is complete, gloves should be removed inside out without touching the outer surfaces with bare hands and discarded, followed by washing hands for 20 seconds with water and soap. Gloves should never be washed or re-used; remove and discard without further manipulation.
- Approved disinfectants that are [registered with the EPA](#) as effective against SARS-CoV-2 must be used for all cleaning.
 - Diluted Clorox® bleach solutions can be used, if appropriate for the surface (i.e., not on metal surfaces or colored fabric). Make sure the area has proper ventilation. Check to ensure the product is not past its expiration date. Diluted bleach solutions should be dated when prepared and not used past 24 hours.
 - Prepare a bleach solution by mixing:
 - 5 tablespoons (1/3 cup) bleach per gallon of water or
 - 4 teaspoons bleach per quart of water
 - Products with EPA-approved emerging viral pathogen claims are expected to be effective against SARS-CoV-2 based on data for harder-to-kill viruses. Follow the manufacturer instructions for all cleaning and disinfection products (e.g., concentration, application method and contact time, etc.).
- Below are the processes that should be followed when cleaning specific areas on campus:
 - **Restroom Cleaning:** Facilities, custodians and housekeepers should disinfect all sinks, toilets and toilet handles, door knobs, urinals and urinal handles, paper towel and soap dispensers, floors, stall handles, changing tables and door handles.
 - **Interior and Exterior of Building:** All door handles, elevator call buttons, door push plates, desks, conference tables, chairs, light switches, water fountains, bottle fill stations and all high- touch surfaces should be cleaned and disinfected.
- For soft (porous) surfaces such as carpeted floor, rugs and drapes, remove visible contamination if present and clean with appropriate cleaners indicated for use on these surfaces.
- During the cleaning process, all surfaces should have the appropriate contact time with disinfectant as indicated by the manufacturer. This can be ensured by leaving the surfaces to air dry. Some disinfectant products will leave a residue which can be removed by wiping with water.

Personal protective equipment (PPE)

- All employees must wear disposable gloves (i.e. nitrile, latex, or latex-free), and protective clothing when performing all cleaning. Soiled protective clothing should be removed and discarded (if disposable) or bagged for laundering (if re-usable).
- Gloves should be changed frequently and hand hygiene should be performed after glove removal. Hand hygiene can be performed using either hand sanitizer that contains 70% alcohol or washing hands with soap

and water for 20 seconds.

Resources

- [CDC Guidance for Institutions of Higher Education: Plan, Prepare, and Respond to Coronavirus Disease](#)
- [CDC Guidance for Schools, Workplaces & Community Location Communities Facilities to COVID-19](#)
- [CDC Handwashing Information](#)
- [CDC Cleaning and Disinfecting Your Facility](#)



DO NOT ENTER!!!

DATE CLOSED:

TIME CLOSED:

LOCATION:

CLOSED BY:

Entry restricted to authorized personnel only.

EH&S and Facilities Services have been notified.

Cleaned By: _____ Date: _____