

March 2020

In our ongoing effort to inform tenants about the [Goodfellow Environmental Project](#), the following provides recent results of GSA's air and wipe sampling for levels of contaminants at the [Goodfellow Federal Center](#). The results are detailed below. As a reminder, GSA's records of environmental sampling and analysis are available in the Goodfellow Federal Center online reading room at gsa.gov/goodfellowreadingroom. Paper copies of these documents also are available at GSA's Field Office in Building 107 between 7 a.m. and 3 p.m. Monday – Friday.

Recent sampling results

Campus-wide air sampling

In December 2019 168 air samples, plus 24 blanks for quality assurance of the sampling, were collected throughout 17 buildings at the complex. Samples were analyzed for six target metals: arsenic, barium, cadmium, lead, selenium, and silver, resulting in 1,008 data points. All but 41 results were below the limits of detection of the analytical method: 2 had detectable levels of lead, 33 detected cadmium, and 6 detectable barium

For airborne lead, GSA Region 6 uses 1.0 micrograms per cubic meter of air ($\mu\text{g}/\text{m}^3$) for an annual average as its action level, which conforms to [World Health Organization guidelines](#). For airborne cadmium, GSA Region 6 uses the WHO guideline of $0.15 \mu\text{g}/\text{m}^3$. **Two sample results out of the 1,008 exceeded these internal action levels.**

- The first (1.8 micrograms of lead per cubic meter of air) was collected from Building 104E. A tenant in this building had moved out, which may have exposed areas that were not routinely cleaned.
- The second (0.21 micrograms of cadmium per cubic meter of air) was collected from a hallway of Building 105F.

The regulatory limit for occupational exposure to cadmium is 0.15 micrograms per cubic meter of air. **The other 32 samples that resulted in detectable levels of cadmium ranging from 0.074 to 0.1 micrograms per cubic meter of air, which are below the recommended limit.**

Although there are regulatory limits for occupational exposure to barium, the WHO does not provide guidance on levels for airborne barium. **The six samples that resulted in detectable levels of barium were well below OSHA's PEL of $500 \mu\text{g}/\text{m}^3$.**

GSA is working with the housekeeping and industrial hygiene contractors to clean the areas and continue monitoring. The full sampling reports are available at gsa.gov/goodfellowreadingroom.

Campus-wide wipe sampling

In December 2019 and January 2020 136 wipe samples, plus 21 blanks, were collected throughout 17 buildings at the complex. Samples were analyzed for six target metals: arsenic, barium, cadmium, lead, selenium, and silver, resulting in 816 data points. About one-third of the total data points had levels above the reporting limit for the analytical method: 109 had detectable levels of barium, 83 detected lead, 53 detected cadmium, 8 detected arsenic, 2 detected silver and 1 detected selenium. **The samples with detectable arsenic, cadmium and lead were below the [Brookhaven National Laboratory's guidelines \(Attachment 9.3\)](#).** Brookhaven does not provide guidance on surface levels for barium, silver or selenium. The full sampling reports are available at gsa.gov/goodfellowreadingroom.

In the past year, GSA Region 6 adopted the lowest available guidelines for lead on surfaces, which are [EPA](#) and [HUD](#) guidelines. **Thirteen samples out of the 816 met or exceeded this internal action level.**

- Eleven of the samples were taken in Buildings [102E](#), [103D](#), [103E](#), [103F](#), [104](#), [105](#), [105E](#), [106](#), [141C](#), and two from [110](#). The sample results ranged from 16-89 micrograms of lead per square foot. All of the results were from areas on the floor. For the results that came from space that is accessible, GSA is working with the janitorial contractor to reclean and will continue monitoring.
- Two samples were at the GSA Region 6 action limit (10 micrograms of lead per square foot). The samples were taken in Building 105 from surfaces not regularly cleaned. GSA's janitorial contract provides for areas higher than 70 inches to be cleaned on a periodic basis.

GSA is working to arrange cleaning of areas above 70 inches and will continue to monitor these areas. Until the high cleaning can be completed, we advise that you avoid touching surfaces above 70 inches high. If you need to access these surfaces above 70 inches, contact your agency health and safety personnel prior to access.



Update on Building 105 and Building 110 basement exhaust projects

As a reminder, GSA completed in February 2019 a project in Building 103 which included a way to better manage air pressure in the tunnel network. At the conclusion of that project, an air pressure test revealed that further adjustments were required to achieve proper air pressure in Buildings 105, 105E and 105F and 110. GSA's projects will increase exhaust from the Building 105 and 110 tunnels by adding fans, eliminating areas of air infiltration at Building 105 and 110, and adjusting Building 105 building controls to ensure proper pressure from the building to the basement. Adjustments to the building controls and eliminating areas of air infiltration is already complete. The Building 110 project is under construction and is expected to be substantially complete by April 2020. The scope of work includes ensuring negative air pressure in the basement and conditioning air in the basement before it is exhausted. The Building 105 project will soon be under construction and is expected to be substantially complete by May 2020.

Reminders for those preparing to relocate

Here are a few reminders as you work through your planning.

GSA will fund agency personal property cleaning prior to relocating or excessing agency personal property. Submit [this template](#) to goodfellow@gsa.gov with your items for cleaning as early as possible.

If you have equipment/agency personal property you are not using or taking with you, you can start the excess process now. Contacts are as follows:

Defense Logistics Agency contact for DOD tenant agencies

Tyrell Glass
DLA Disposition Services
Phone: 618-256-4158 (DSN 576)
Email: tyrell.glass@dla.mil

GSA contact for non-DOD tenant agencies

Donna Rice
Property Disposal Specialist
Phone: 405-231-5860
Email: donna.rice@gsa.gov

A Site Specific Safety Plan is required when there is agency equipment that needs to be removed from restricted spaces, which are not covered under the normal day-to-day janitorial services. These restricted spaces include the space below raised floors, above suspended ceilings, mechanical rooms, telephone closets, electrical closets, penthouses, basements, crawlspaces, and electrical vaults. GSA must accept the SSSP before entrance to these spaces is permitted.

Tenant agencies are required to dispose of all items they will not be relocating or excessing. [FAS schedules 8 995](#) allow for ordering these types of services. GSA will require that all agency property be removed from the space before accepting the space return and closing out the OA. If you have any questions, please email r6environmental@gsa.gov.

GSA Region 6 Environmental Team
gsa.gov/goodfellow | [Online Reading Room](#)