

Stakeholder Memo #33

In GSA's ongoing effort to inform occupants about the [Goodfellow Environmental Project](#), the following provides recent updates on the [Goodfellow Federal Center](#).

Recent sampling results

Bi-Annual Air and Surface Sampling

Air and Surface sampling was conducted in areas of Buildings 104, 104F, 105, 105E, 105L, 106, 107, and 110 from December 5, 2022, through December 8, 2022, to determine detectable levels of seven of the Resource Conservation and Recovery Act (RCRA) metals that can be found in dust. Notification of the results were sent to occupants in February 2023. A summary of the results are as follows:

- There were no detectable levels of arsenic, barium, cadmium, chromium, lead, selenium, or silver found in any of the 59 air samples collected from within the eight buildings. No further action is required at this time.
- Wipe samples were collected from random interior locations throughout the eight buildings. Common surfaces and areas accessed by occupants, as well as contractors, were the focus of this sampling event. Results of the dust wipe samples collected from surfaces in the building indicate that detectable concentrations of arsenic, barium, cadmium, chromium, lead and silver were found in 62 of the 87 samples (see [Federal Center Environmental Reading Room](#) to view all results) in all of the buildings. All levels of arsenic, barium, cadmium, chromium, and silver found in the samples were below housekeeping and clean area limits, as recommended and described by OSHA and the Brookhaven National Laboratory Procedure. However, 11 samples exceeded the threshold for lead of 10 micrograms of lead per square foot ($\mu\text{g}/\text{ft}^2$). No levels of selenium were detected in any of the samples.

There were five occupant spaces where exceedances to the lead threshold were found:

- Building 104, 2nd Floor: Sample from the countertop in the Break Room at Column B19 resulted in an elevated level. This surface is regularly cleaned and was resampled on January 11, 2023. The follow-up sample resulted in a detectable level of lead, but well below the 10 $\mu\text{g}/\text{ft}^2$ threshold.
- Building 104F, 2nd Floor: Sofa chair in the Oak Room was sampled and was found to have an elevated level of lead. This furniture was removed by the occupant before any follow-up sampling could be performed.
- Building 105, Warehouse: Floor at Column B52 was found to have a lead level above the threshold. USDA-FSIS has a SSSP in place to manage and reduce exposures to contaminants.
- Building 107, 1st Floor: Shelving units in Rooms 132 and 133 resulted in elevated concentrations of lead. These rooms are not occupied and are accessed infrequently. In addition, GSA has an SSSP in place to manage and reduce exposures to contaminants.

Surface sampling results from six mechanical spaces or spaces accessed only by contractors showed results of elevated lead concentrations. The contractors working in these areas have SSSPs in place to manage and reduce exposures to contaminants. In addition, improved housekeeping, engineering controls, and good hygiene practices have been recommended.

All test results/reports are available for review in our Goodfellow Federal Center Environment Reading Room, both [online](#) and in the Building 107 GSA office.



Drinking Water Sampling

The drinking water was sampled in areas throughout the complex with occupant activity from March 23 through March 30, 2023. The sampling was conducted in accordance with the EPA Lead and Copper Rule. A total of 51 samples were collected from 45 distinct sources as part of GSA's continual check for water quality.

All samples resulted in levels of copper less than the action level of 1.3 parts per million or 1,300 micrograms per liter ($\mu\text{g/L}$). All but two samples resulted in levels less than the action level for lead of 15 parts per billion or $\mu\text{g/L}$. These samples were taken from sinks in the laboratory on the 2nd Floor of Building 105 as follows:

- Sample taken from the NW sink with a foot pedal in Lab Room 340: 15 $\mu\text{g/L}$ of lead.
- Sample taken from the sink on the S wall of Lab Room 324: 22 $\mu\text{g/L}$ of lead

The sinks were immediately taken out of service when the results were reported to GSA on April 11, 2023. After discussion with USDA-FSIS Laboratory management, it was agreed that the sinks would be put back into service only if a 2-minute mandatory flushing was performed before each use and the water is for non-potable usage only. In addition, warning signage was installed by GSA within the laboratory. Periodic observations are being conducted to ensure compliance with this procedure.

All test results/reports are available for review in our Goodfellow Federal Center Environment Reading Room, both [online](#) and in the Building 107 GSA office.

Bi-Weekly Air and Surface Sampling

Since January 2022, GSA has conducted sampling in the occupied spaces in Building 104 and Building 107 where contaminated dust was found on overhead surfaces in the open ceiling. This is to assess the potential contamination in the occupied spaces from the surfaces above. Air and wipe sampling has continued on a bi-weekly basis. The sampling is conducted in accordance with NIOSH, ASTM, EPA, and other nationally recognized industrial hygiene sampling and analytical methods. As of April 14, 2023, the sampling has been in Building 107 only since the last agency in Building 104 has departed and results continue to return below the clean area limits. Ongoing sampling will continue in Building 107 .

All test results are reported to affected occupants and are available for review in our Goodfellow Federal Center Environment Reading Room, both [online](#) and in the Building 107 GSA office.

Groundwater

Four rounds of groundwater sampling conducted in 2022 detected no groundwater contamination in excess of established project action limits (PALs) approved by the Missouri Department of Natural Resources (MDNR). GSA is awaiting an MDNR determination that no additional groundwater sampling is required, and that monitoring wells can be decommissioned.

Soil

GSA completed a draft remedial investigation (RI) report and baseline human health risk assessment of the site as part of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) process we are following in preparation for the property's eventual transfer out of Federal ownership. The objective of the RI was to quantify the nature and extent of onsite contaminants and determine their potential human health risks. A single detection of mid-range petroleum hydrocarbons in excess of acceptable human health risk standards was found in the crawlspace of Building 108B, and in February 2023, GSA prepared a notice of unsafe conditions for this area. No unacceptable human health risks were identified by this study in any other areas. The draft RI and risk assessment reports are currently undergoing MDNR review, and will be finalized once GSA has received and addressed any MDNR comments.

GSA is also currently preparing revisions to a polychlorinated biphenyl (PCB) sampling and analysis plan (SAP) requested by the US Environmental Protection Agency (EPA) under Toxic Substances and Control Act (TSCA) authority. The purpose of this sampling, which will be conducted once the SAP has been approved by EPA, is to ensure that all PCBs at the facility have been fully delineated.

In addition we had a change in the Operations & Maintenance contractor as of May 1, 2023.

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NOTE: Due to there being only one occupant left in the building this Stakeholder Memo will be sent out semi-annually.

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GSA Region 6 Environmental Team
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