

## Stakeholder Memo #31

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

### Recent sampling results

#### Building air and surfaces

In June 2022, industrial hygiene samples were collected in Buildings 103, 103D, 103E, 104, 104E, 104F, 105, 105E, 105L, 106, 107, and 110 at the Goodfellow Federal Center. There were no detectable levels of arsenic, barium, cadmium, chromium, lead, selenium, or silver found in any of the 83 air samples. However, results of the dust wipe samples collected from surfaces detected below-actionable concentrations of barium, cadmium, chromium, lead and silver in 80 of the 105 samples, and six samples exceeded the action-level threshold for lead. Those six samples include:

- In Building 105, the first floor warehouse near column C44, detecting 12 µg/ft<sup>2</sup> of lead. *This space is not included in our routine cleaning program because it is controlled by the tenant, who has a site-specific safety plan.*
- In Building 103E, the south stairwell handrail between the 1st and 2nd floor, detecting 75 µg/ft<sup>2</sup> of lead; and the south stairwell tile-floor third landing, detecting 39 µg/ft<sup>2</sup> of lead. *This stairwell has shown to have elevated lead levels in the past. It will no longer be used for access, but will remain available for emergency egress only.*
- In Building 104E, the 2nd floor mechanical room (L48X1) east side floor, detecting 26 µg/ft<sup>2</sup> of lead. *This is a mechanical space that already requires personnel entering to follow a site-specific safety plan.*
- In Building 110, a steel work table in the south work area of a warehouse, detecting 29 µg/ft<sup>2</sup> of lead; and the floor of the warehouse at the entrance to the maintenance office, detecting 41 µg/ft<sup>2</sup> of lead. *This space already requires personnel entering to follow a site-specific safety plan.*

As a reminder, GSA Region 6 follows the EPA action level of 10 micrograms of lead per square foot (µg/ft<sup>2</sup>). No levels of arsenic or selenium were detected in the wipe samples.

All test results/reports are available for review in our Goodfellow reading rooms, [online](#) or in the Building 107 GSA office.

GSA continues to monitor concentrations of contaminants throughout the complex. The next round of drinking water sampling will start the week of September 12. Results will be posted in the reading rooms and shared with tenants as soon as they become available.

#### Groundwater

In our last update we shared the results of the groundwater sampling event from January 2022 and noted April 2022 sampling results had been collected. Analytical results from April 2022 are now available in the [Goodfellow reading rooms](#). Lead and zinc were detected in some groundwater samples, but the concentrations were below project action limits. The laboratory did not detect any other compounds.



GSA has now completed four groundwater sampling events (July 2021, October 2021, January 2022, and April 2022). No contaminants were detected in any groundwater samples at concentrations above project action limits. These results have been transmitted to the Missouri Department of Natural Resources with a recommendation that no additional groundwater sampling be required and monitoring wells be closed.

## Soil

In April 2022, additional surface and subsurface soil sampling was conducted at 35 locations near areas that were previously determined to exhibit soil contamination at concentrations exceeding designated project action limits. Arsenic was detected above its project action limit at one sample location, in both surface and subsurface soil. Six different polycyclic aromatic hydrocarbons (PAH) compounds were detected above project action limits in six surface soil samples, and three of those PAH compounds were detected above their project action levels in three subsurface soil samples. *The highest concentrations of each PAH compound occurred at a single sample location, in both surface and subsurface soil samples.*

Analytical results for the soil sampling, including PAHs, were received in July and are now available in the “April 22 additional soil sampling report” in the [Goodfellow reading rooms](#). In the report, surface soil sampling results are listed in Table 3 and shown on Figures 9 through 13. Subsurface soil sampling results are listed in Table 4 and shown on Figures 15 through 18.

Based on the results of this soil sampling, GSA will prepare a baseline human health risk assessment of the site as part of the CERCLA process we’re following in preparation for the property’s eventual transfer of ownership to be completed November 2022. *It is important to note that the principal risk to human health from both arsenic and PAH compounds is through direct contact. Any activity that could potentially disturb the soil at the federal center already requires personnel to follow an accepted site-specific safety plan.*

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