U.S. General Services Administration

WIPE SAMPLING IN BUILDING 107

On October 5, 2021, industrial hygiene sampling was conducted in the open ceiling spaces of the first floor of Building 107 at the Goodfellow Federal Center at 4300 Goodfellow Boulevard in St. Louis, Missouri

Wipe samples were collected from the external surfaces of HVAC ductwork and light fixtures located in the high ceiling spaces of the first floor. The sampling was conducted to determine levels of seven RCRA metals in the dust: arsenic, barium, cadmium, chromium, lead, selenium, and silver.

A summary of the results are as follows:

- Five samples were collected.
- All 5 samples resulted in detectable levels of barium, chromium, and lead; 3 samples resulted in detectable levels of cadmium; and 1 sample resulted in a detectable level of silver. Only lead was at levels that exceed the threshold of 10 micrograms per square foot (µg/ft^2). This is the EPA action level for lead on surfaces. Two samples had exceedances of lead:
    - Top of a hanging light near the restroom in the hallway had 35 µg/sq. ft.
    - Top of L-shaped HVAC duct work in the southeast corner in Room 106 had 20 µg/sq. ft.
- These spaces are more than 12 feet from the floor and are not under a regular cleaning program.

This report is available for review in the Federal Center Environmental Reading Room and in the GSA office, in Building 107. If you have any questions, please feel free to contact GSA at r6environmental@gsa.gov.