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November 11, 2019

Diane Czarnecki
Industrial Hygienist
Facilities Management Division
GSA Public Buildings Service – Heartland Region
2300 Main Street
Kansas City, Missouri 64108

RE: Side-by-Side Environmental Sampling Report – Bldg. 105L
Goodfellow Federal Center
4300 Goodfellow Boulevard, St. Louis, MO 63120
Project Number: 919103

Ms. Czarnecki,

In response to an ongoing Occupational Safety and Health Administration (OSHA) inspection of the Goodfellow Federal Center (GFC) located at the above referenced address, OCCU-TEC Inc. (OCCU-TEC) was contracted by the General Services Administration (GSA) to collect representative environmental samples from various locations throughout the building. OCCU-TEC was instructed to collect samples for the same contaminants at approximately half of the same locations as the OSHA inspector.

OCCU-TEC collected samples from Building 105L on October 3, 2019. Settled dust samples were analyzed for Arsenic, Cadmium, and Lead. These analyses mirrored the OSHA inspector's samples.

Results indicated detectible levels of lead dust in one of the settled dust samples. Sample 105L-PbW-01 from a floor in the West Stage Storage Room resulted in a Arsenic level of 0.96 micrograms per square foot, a Cadmium level of 1.0 micrograms per square foot and a Lead level of 40.0 micrograms per square foot. This is an area that is rarely accessed and not at area that is routinely cleaned. All other results were less the laboratory limit of detection.

The samples collected were only indicative of the time of the sample and were not collected as 8-hour TWA for comparison to the OSHA permissible exposure limits (PELs). Analytical results from the independent laboratory are attached.

Please note that the results of this investigation are only applicable to the time of sampling and the current activities being completed at the time of sampling. Conditions at the site may have changed resulting in higher or lower concentrations that were not measured during this investigation. This report has been prepared for the sole use of the GSA. Use by other parties is expressly forbidden without the expressed written consent of the GSA and OCCU-TEC.

OCCU-TEC appreciates the opportunity to provide the GSA with the above references sampling services. If you have any questions, please contact us at (816) 231-5580.

Sincerely,

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Jeff T. Smith
Senior Project Manager

(b) (6)

Kevin Heriford
Operations Manager (QA/QC)



ASBESTOS (PCM) RESULTS



METALS IN AIR RESULTS



METALS IN SETTLED DUST RESULTS





Dust Wipe Metals Concentration by Inductively-Coupled Plasma Analysis (ICP)

NIOSH 7300/EPA SW-846 3050B



Client:	OCCU-TEC Inc. 2604 NE Industrial Drive, Suite 230 North Kansas City, MO 64117	Attn: Justin Arnold	Lab Order ID: 71926047
			Date Received: 10/08/2019
Project:	919103 Bldg 105L		Date Reported: 10/14/2019
			Page: 1 of 1

Sample ID	Description	Area (ft ²)	*Element	Reporting Limit (µg)	Concentration (µg)	Concentration (µg/ft ²)
<i>Lab Sample ID</i>	<i>Lab Notes</i>					
105L-PbW-01	West Storage Room Floor	1	As	0.50	0.96	0.96
71926047IPW_1			Cd	0.10	1.0	1.0
			Pb	1.0	40.	40.
105L-PbW-02	Break Room – Off Carpet	1	As	0.50	< 0.50	< 0.50
71926047IPW_2			Cd	0.10	< 0.10	< 0.10
			Pb	0.50	< 0.50	< 0.50
105L-PbW-03	Field Blank	-	As	0.50	< 0.50	-
71926047IPW_3			Cd	0.10	< 0.10	-
			Pb	0.50	< 0.50	-

Melissa Ferrell

Analyst

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Lab Director

* SAI is AIHA ELLAP accredited for Pb only for dust wipe metals.

Unless otherwise noted blank sample correction was not performed on analytical results. This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. MDLs are available upon request. Time-weighted average (TWA) calculations are based on customer supplied data and valid only for samples included in the specified TWA group. Scientific Analytical Institute participates in the AIHA ELPAT program. ELPAT Laboratory ID: 173190.

