

2604 NE Industrial Drive, Suite 230 North Kansas City, Missouri 64117 Telephone: 816.231.5580 Fax: 816.231.5641 www.occutec.com

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



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: Date Received: Date Reported:	71926047 10/08/2019 10/14/2019
Project:	919103 Bldg 105L			Page:	1 of 1

Sample ID	Description	Area	ΎΓΙ	Reporting	Concentration	Concentration	
Lab Sample ID	Lab Notes	(ft ²)	*Element	Limit (µg)	(µg)	$(\mu g/ft^2)$	
1051 DbW 01	West Storage Room Floor		As	0.50	0.96	0.96	
105L-Pbw-01		1	Cd	0.10	1.0	1.0	
71926047IPW_1			Pb	1.0	40.	40.	
105L-PbW-02	Break Room – Off Carpet		As	0.50	< 0.50	< 0.50	
		1	Cd	0.10	< 0.10	< 0.10	
71926047IPW_2			Pb	0.50	< 0.50	< 0.50	
1051 DbW 02	Field Blank		As	0.50	< 0.50	-	
103L-P0W-03		-	Cd	0.10	< 0.10	-	
71926047IPW_3			Pb	0.50	< 0.50	-	

Melissa Ferrell

Analyst



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.



Scientific Analytical Institute, Inc. 4604 Dundas Drive Greensboro, NC 27407 Phone: 336.292.3888 Fax: 336.292.3313 www.sailab.com lab@sailab.com

Lab Use Only Lab Order ID:	1926047
Client Code:	

Company Contact Information	•
Company: Occu-Tec	Contact: Justin Arnold
Address: 2604 NE Industrial Drive	Phone :
, # 230	Fax 🔲:
North Kansas City, MO 64117	Email En jarnold Docuter 100

Billing/Invoice Information	Turn Aro	Turn Around Times [^]			
SAME	90 Min.	48 Hours			
Company:	3 Hours	72 Hours			
Contact:	6 Hours	96 Hours			
Address:	12 Hours	120 Hours			
	24 Hours	144 ⁺ Hours			
N	TATs not available	e for certain test types			
PO Number:					
Project Name/Number: 919102	RIL: INSI				

Industrial Hygiene Test Types			
Silica as Alpha Quartz*			
Silica as Cristobalite*			
Silica as Tridymite*			
Silica as Alpha Quartz, Cristobalite, Tridymite*			
Include Respirable Dust			
Silica Bulk*			
Bulk Phase ID/Whole Rock SAI Method H-SOP-003			
Total Dust NIOSH Method 0500			
Respirable Dust NIOSH Method 0600			
PCM NIOSH 7400 (Fibers)			
TEM NIOSH 7402 (Asbestos)			
Hexavalent Chromium (OSHA ID-215) (Note if from spray paint operations)			
Metals (NIOSH 7300) (Specify Metals Under Comments)			
Other AS, Cd. Pb	X		
*Modified NIOSH 7500/OSHA	D 142		

Sample ID #	Description/Location	Volume/Area	Comments (List Metals Here)
1052-P6W-01	West Storage Room Floor	1SF	As, Cd, Pb
1051-PbW-02	Break Room - off carpet	1 SF	
105L-P6W-03	Field Blank.		
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			Total # of Samples

Relinguished by	Date/Time		Received by		Date/Time	
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