

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. 106 (Guard Shack)

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 106 on October 3, 2019. The air samples were analyzed for Arsenic, Cadmium, and Lead. These analyses mirrored the OSHA inspector's samples.

All 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,



Jeff T. Smith Senior Project Manager (b) (6)

Kevin Heriford Operations Manager (QA/QC)

METALS IN AIR RESULTS





Airborne Metals Concentration by Inductively-Coupled Plasma Analysis (ICP)



NIOSH Method 7303

OCCU-TEC Inc. **Client:** Attn: Justin Arnold Lab Order ID: 71926053

2604 NE Industrial Drive, Ste 230

Date Received: 10/08/2019 North Kansas City, MO 64117 **Date Reported:** 10/15/2019 919103 Bldg 106 **Project:** Page: 1 of 1

Sample ID Lab Sample ID	Description Lab Notes	Volume (L)	Element	Reporting Limit (µg)	Concentration (µg)	Concentration (μg/m³)
106-PbA-01	Guard Station – North Side	638	As	0.25	< 0.25	< 0.39
			Cd	0.050	< 0.050	< 0.078
71926053IPA_1			Pb	0.25	< 0.25	< 0.39
106-PbA-02	Field Blank	-	As	0.25	< 0.25	-
			Cd	0.050	< 0.050	-
71926052IPA_2			Pb	0.25	< 0.25	-

(b) (6) Melissa Ferrell Lab Director Analyst

This report relates only to the samples tested and may not be reproduced, except in full, without the written approval of SAI. This report may not be used by the client to claim product endorsement by AIHA or any other agency of the U.S. government. Scientific Analytical Institute participates in the AIHA IHPAT program. IHPAT Laboratory ID: 173190. Unless otherwise noted blank sample correction was not performed on analytical results. MDLs are available upon request. Reporting limits stated



Scientific Analytical Institute, Inc. 4604 Dundas Drive Greensboro, NC 27407

one: 336.292.3888	Fax: 336.292.3313
www.sailab.com	lab@sailab.com

Lab Use Only	7197120
Lab Order ID:	71926053
Client Code: _	

Company Con	tact Informatio	n		I	ndustrial Hygiene Test T	ypes
Company: Occu-Tec		Contact: Just	Contact: Justin Amold		Silica as Alpha Quartz*	
Address: 2604 N	E Industrial	Orive Phone :		Sili	Silica as Cristobalite*	
, # 23	30	Fax □:	Fax []: Email		Silica as Tridymite* Silica as Alpha Quartz, Cristobalite, Tridymite*	
North Kans	as City, MO	(04117 Email = 1am				
	111				Include Respirable Dust]
Billing/Invoice	Information	Turn Arc	ound Times^	Sili	ca Bulk*	
SAME		90 Min.	48 Hours		k Phase ID/Whole Rock I Method H-SOP-003	
Company:		3 Hours	3 Hours 72 Hours		Total Dust NIOSH Method 0500	
Contact:		6 Hours	6 Hours		Respirable Dust NIOSH Method 0600	
Address:		12 Hours	120 Hours	PC	PCM NIOSH 7400 (Fibers) TEM NIOSH 7402 (Asbestos)	
		24 Hours	144⁺Hours □	TE		
		TATs not availab	TATs not available for certain test types		Hexavalent Chromium (OSHA ID-215) (Note if from spray paint operations)	
PO Number:					tals (NIOSH 7300) (Specify Metals der Comments)	
Project Name/Nu	mber: 91910	3 Bldg 106		Oth	er As, Cd, Pb	X
		J			*Modified NIOSH 7500/OSH	4 ID 142
Sample ID #	Desc	ription/Location	Volume/	Area	Comments (List Metal	Here)
106-PbA-01	Guard Stat	ion- Noth sida	638	2	As, Cd, Pk	5
106-PBA-0Z	Fie	01 1.			IJ	
					r	
				1	WALLES TO SERVICE	
						1
					Accepted	h
					- Adocpted	_
					Rejected	_
						_
					Total # of Samples	1
Relinau	ished by	Date/Time	Received	bv	Date/Ti	me
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