



March 9, 2022

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

Re: Goodfellow Federal Center – Building 107 Air and Wipe Sampling Evaluation Addendum  
Project No. 121244

Dear Ms. Czarnecki:

Thank you for the opportunity to provide the General Services Administration (GSA) with the above referenced environmental sampling activities. The following is our report.

## **INTRODUCTION**

As requested, Burns & McDonnell conducted area air sampling and wipe sampling for the presence of seven (7) RCRA metals including arsenic, barium, cadmium, chromium, lead, selenium, and silver within the occupied areas of the first floor of building 107 of the Goodfellow Federal Center located at 4300 Goodfellow Boulevard in St. Louis, Missouri. The purpose of the investigation was to provide ongoing sampling data to monitor conditions at the site. This report serves as an addendum to the *Goodfellow Federal Center – Building 107 Air and Wipe Sampling Evaluation*, dated December 27, 2021.

## **SAMPLING METHODOLOGY**

Dust wipe sampling was conducted in accordance with ASTM Standard E1728: *Standard Practice for Collection of Settled Dust Samples Using Wipe Sampling Methods for Subsequent Lead Determination* and ASTM Standard D6966: *Standard Practice for Collection of Settled Dust Samples Using Wipe Sampling Methods for Subsequent Determination of Metals*. ASTM Standards E1728 and D6966 are consistent with the methodology described in the Housing and Urban Development Guidelines-Appendix 13.1 and 40 CFR 745.63. The Brookhaven National Laboratory's Surface Wipe Sampling Procedure (IH75190) was also used as a guideline.

A representative surface area of approximately one square foot (1 SF) was measured and delineated. The dust wipe samples were collected using dedicated dust wipe cloths meeting ASTM E1792 Standard. Each dust wipe cloth was pre-moistened and individually wrapped. Each sample was collected by wiping in a back and forth “S” pattern over a measured sampling area using a clean, disposable glove. Then, the wipe was folded over itself and the area was wiped again in a direction perpendicular to the first wipe orientation. Then, the wipe folded over itself again and the area was wiped around the perimeter. The wipe sample was then placed into a labeled, clean container.



Diane Czarnecki  
Facilities Management Division  
March 9, 2022  
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Air samples for RCRA metals were collected on 37-millimeter (mm) cassettes with 0.8 micrometer ( $\mu\text{m}$ ) mixed cellulose ester (MCE) filters, using powered air sampling pumps, in accordance with the National Institute for Occupational Safety and Health (NIOSH) Method 7300. The sampling strategy included collecting a minimum sample volume of 500 liters based on the calibrated pump flow rate and sample duration.

All samples were submitted under chain-of-custody to Environmental Hazards Services, LLC (EHS) in Richmond, Virginia for independent analysis of 7 RCRA metals. Air samples were analyzed by Inductively Coupled Plasma (ICP) according to NIOSH method 7300. Wipe samples were analyzed according to Environmental Protection Agency (EPA) method SW846-3050B/6010D. EHS is accredited under the American Industrial Hygiene Association (AIHA) Industrial Hygiene Laboratory Accreditation Program (IHLAP) program, identification number LAP-100420.

#### **SAMPLE SUMMARY AND RESULTS**

Air and wipe sample(s) were collected on January 31, 2022, by Emily Pulcher of Burns & McDonnell and on February 14, 2022 by Ashley Anstaett of Burns & McDonnell.

One (1) air sample was collected on January 31, 2022. This sample was collected from the windowsill across from the door in room 100 on the first floor of building 107. All analytes were below laboratory reporting limits. The complete air sampling laboratory report from EHS is included in Appendix A.

Two (2) wipe samples were collected on January 31, 2022. The sample locations and results are listed below. The complete wipe sampling laboratory report from EHS is included in Appendix B.

- Room 100 main workstation desk on the first floor of building 107
  - Arsenic, cadmium, chromium, lead, selenium, and silver were all below laboratory reporting limits.
  - Barium was detected at 0.74 micrograms per square foot ( $\mu\text{g}/\text{sq. ft}$ ), below the clean area limit of 3,094  $\mu\text{g}/\text{sq. ft}$
- Room 100, top of printer at main workstation on the first floor of building 107
  - Arsenic, cadmium, chromium, selenium, and silver were all below laboratory reporting limits.

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Facilities Management Division  
March 9, 2022  
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- Barium was detected at 2.1  $\mu\text{g}/\text{sq. ft}$ , below the clean area limit of 3,094  $\mu\text{g}/\text{sq. ft}$
- Lead was detected at 0.71  $\mu\text{g}/\text{sq. ft}$ , below the clean area limit of 10  $\mu\text{g}/\text{sq. ft}$

One (1) air sample was collected on February 14, 2022 from the conference on the first floor, south of room 100 in building 107. All analytes were below laboratory reporting limits. The complete air sampling laboratory report from EHS is included in Appendix A.

One (1) wipe sample was collected on February 14, 2022. The sample was collected from the top of the conference room table located in the conference room north of room 100. Cadmium was detected at 0.47  $\mu\text{g}/\text{sq. ft}$ , below the clean area limit of 31  $\mu\text{g}/\text{sq. ft}$ . Lead was detected at 14  $\mu\text{g}/\text{sq. ft}$ , above the clean area limit of 10  $\mu\text{g}/\text{sq. ft}$ . All other analytes were below laboratory reporting limits. However, there was also a lead detection observed in the field blank sample, where lead was detected at a concentration of 5.7  $\mu\text{g}/\text{sq. ft}$ . When blank-corrected, the sample collected from the conference room is below the lead clean area limit. Sampling in this area will be repeated to validate these results. The complete wipe sampling laboratory report from EHS is included in Appendix B.

### **LIMITATIONS**

The scope of this assessment was limited in nature. Burns & McDonnell collected samples from a representative number of surfaces in an effort to minimize cost while providing a general overview of site conditions. Sample locations do not encompass all surfaces at the site. Additionally, samples were only analyzed for a select number of potential contaminants. Burns & McDonnell is not responsible for potential contaminants not identified in this report.

Burns & McDonnell appreciates the opportunity to work GSA on this project. Please contact us if you have any questions regarding this report or if we may be of any additional service.

Sincerely,

(b) (6)



Matt Shanahan, CHMM  
Project Manager

Attachments:



Diane Czarnecki  
Facilities Management Division  
March 9, 2022  
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Appendix A – Air Sampling Laboratory Reports  
Appendix B – Wipe Sampling Laboratory Reports

Information in Appendices A and B are not accessible for people using screen reader technology. If this information is required, it can be furnished upon request by contacting 816-223-6198 or [r6environmental@gsa.gov](mailto:r6environmental@gsa.gov).

**APPENDIX A – AIR SAMPLING LABORATORY REPORTS**



Environmental Hazards Services, L.L.C.  
 7469 Whitepine Rd  
 Richmond, VA 23237  
 Telephone: 800.347.4010

## Air Metals Analysis Report

Client: Burns & McDonnell Engineering  
 9400 Ward Pkwy.  
 Kansas City, MO 64114

Report Number: 22-02-00237  
 Received Date: 02/02/2022  
 Reported Date: 02/21/2022

Project/Test Address: 168765; GFC; 4300 Goodfellow Blvd

Client Number:  
26-3514

Fax Number:  
816-822-3494

# Laboratory Results

Lab Sample Number	Client Sample Number	Analyzed Date	Analyte	Air Volume (L)	Total Metal (ug)	Concentration (ug/m <sup>3</sup> )	Narrative ID
22-02-00237-001	107-A-01	02/18/2022	Arsenic (As)	741	<0.15	<0.21	
			Barium (Ba)		<0.15	<0.21	
			Cadmium (Cd)		<0.030	<0.041	
			Chromium (Cr)		<0.75	<1.1	
			Lead (Pb)		<0.15	<0.21	
			Selenium (Se)		<0.75	<1.1	
			Silver (Ag)		<0.15	<0.21	
22-02-00237-002	107-A-02	02/18/2022	Arsenic (As)	0	<0.15	---	
			Barium (Ba)		<0.15	---	
			Cadmium (Cd)		<0.030	---	
			Chromium (Cr)		<0.75	---	
			Lead (Pb)		<0.15	---	
			Selenium (Se)		<0.75	---	
			Silver (Ag)		<0.15	---	



# ENVIRONMENTAL HAZARDS SERVICES, LLC

## Metals Chain of Custody Form

Pg 1 of 1

Company Name	Burns & McDonnell	Account #	26-3514
Company Address	9400 Ward Parkway	City/State/Zip	Kansas City, MO 64114
Phone	314-302-4661	Email	eapulcher@burnsmcd.com
Project Name / Testing Address		GFC / 4300 Goodfellow Blvd	
PO Number	168765	Collected By	Emily Pulcher
Turn-Around Time	<input checked="" type="radio"/> 5 DAY <input type="radio"/> 3 DAY <input type="radio"/> 2 DAY <input type="radio"/> 1 DAY <input type="radio"/> SAME DAY OR WEEKEND - Must Call Ahead		

LAB NUMBER	Client Sample ID	Collection Date & Time	METALS							Other Metals	PARTICULATES					AIR			WIPES
			Pb TCLP	TCLP RCRA 8	RCRA 8 Total	Toxic Metal Profile	Welding Fume Profile	TX 11 TCLP	CA 17 Total		Total Nuisance Dust	Respirable Dust	TSP Gravimetric	TSP Pb	PM-10	Total Time Mins.	Flow Rate L/min.	Vol. Total Liters	AREA <small>Circle The Unit of Measurement Used</small> cm or <u>in</u>
1	107-A-01	1/31/22 0815							Ag, As, Ba, Cd, Cr, Pb, Se						285	2.6	741	x	
2	107-A-02	0935													NA	NA	NA	x	
3	107-W-01	0942																12 x 12	
4	107-W-02	0946																14 x 10	
5	107-W-03	0950																NA x NA	
6																		x	
7																		x	
8																		x	
9																		x	
10																		x	
11																		x	
12																		x	
13																		x	
14																		x	
15																		x	

Released By: <u>Emily Pulcher</u>	Date: <u>1/31/22</u>	Time: <u>1600</u>
Signature: <u>(b) (6)</u>		

LAB USE ONLY - BELOW THIS LINE

Received By: T. Logan

Signature: (b) (6)

Date: 2/2/22 Time: 10:45  AM  PM

Portal Contact Added

7469 WHITEPINE RD, RICHMOND, VA 23237 (800)-347-4010

RESULTS VIA CLIENT PORTAL AVAILABLE @ [www.leadlab.com](http://www.leadlab.com)

22-02-00237

Due Date:  
**02/09/2022**  
(Wednesday)  
EL MM-L





Environmental Hazards Services, L.L.C.  
 7469 Whitepine Rd  
 Richmond, VA 23237  
 Telephone: 800.347.4010

## Air Metals Analysis Report

Client: Burns & McDonnell Engineering  
 9400 Ward Pkwy.  
 Kansas City, MO 64114

Report Number: 22-02-03202  
 Received Date: 02/18/2022  
 Reported Date: 02/22/2022

Project/Test Address: 168765; GFC; 4300 Goodfellow Blvd

Client Number:  
26-3514

Fax Number:  
816-822-3494

# Laboratory Results

Lab Sample Number	Client Sample Number	Analyzed Date	Analyte	Air Volume (L)	Total Metal (ug)	Concentration (ug/m <sup>3</sup> )	Narrative ID
22-02-03202-001	107-A-01	02/22/2022	Arsenic (As)	627	<0.15	<0.24	
			Barium (Ba)		<0.15	<0.24	
			Cadmium (Cd)		<0.030	<0.048	
			Chromium (Cr)		<0.75	<1.2	
			Lead (Pb)		<0.15	<0.24	
			Selenium (Se)		<0.75	<1.2	
			Silver (Ag)		<0.15	<0.24	
22-02-03202-002	107-A-02	02/22/2022	Arsenic (As)	0	<0.15	---	
			Barium (Ba)		<0.15	---	
			Cadmium (Cd)		<0.030	---	
			Chromium (Cr)		<0.75	---	
			Lead (Pb)		<0.15	---	
			Selenium (Se)		<0.75	---	
			Silver (Ag)		<0.15	---	



# ENVIRONMENTAL HAZARDS SERVICES, LLC

## Metals Chain of Custody Form

Pg 1 of 1

Company Name	Burns & McDonnell	Account #	26-3514
Company Address	9400 Ward Parkway	City/State/Zip	Kansas City, MO 64114
Phone	314-302-4661	Email	eapulcher@burnsmcd.com
Project Name / Testing Address		GFC / 4300 Goodfellow Blvd	
PO Number	168765	Collected By	Ashley Anstaett
Turn-Around Time	<input checked="" type="radio"/> 1 DAY <input type="radio"/> 3 DAY <input checked="" type="radio"/> 2 DAY <input type="radio"/> 1 DAY <input type="radio"/> SAME DAY OR WEEKEND - Must Call Ahead		

LAB NUMBER	Client Sample ID	Collection Date & Time	METALS							ICP  Other Metals	PARTICULATES				AIR			WIPES  AREA Circle The Unit of Measurement Used cm or <u>(in)</u>		
			Pb TCLP	TCLP RCRA 8	RCRA 8 Total	Toxic Metal Profile	Welding Fume Profile	TX 11 TCLP	CA 17 Total		Total Nuisance Dust	Respirable Dust	TSP Gravimetric	TSP Pb	PM-10	Total Time Mins.	Flow Rate L/min.		Vol. Total Liters	
1	107-A-01	2/14 1253							Ag, As, Ba, Cd, Cr, Pb, Se					246	-	627				x
2	107-A-02	1 0845												NA	NA	NA				x
3	107-W-01	1 1038																		12 x 12
4	107-W-02	1 1040																		NA x NA
5																				x
6																				x
7																				x
8																				x
9																				x
10																				x
11																				x
12																				x
13																				x
14																				x
15																				x

Released By: Ashley Anstaett	Date: 2/10/2022	Time: 1630
Signature: (b) (6)		

LAB USE ONLY - BELOW THIS LINE


Received By: Tah

Signature: (b) (6)

Date: 2/18/22 Time: 1:39  AM  PM

Portal Contact Added

22-02-03202



Due Date:  
02/22/2022  
(Tuesday)

EL                      MM-L

**APPENDIX B – WIPE SAMPLING LABORATORY REPORTS**



Environmental Hazards Services, L.L.C.  
 7469 Whitepine Rd  
 Richmond, VA 23237  
 Telephone: 800.347.4010

## Wipe Metals Analysis Report

Client: Burns & McDonnell Engineering  
 9400 Ward Pkwy.  
 Kansas City, MO 64114

Report Number: 22-02-00240

Received Date: 02/02/2022

Analyzed Date: 02/19/2022

Reported Date: 02/21/2022

Project/Test Address: 168765; GFC; 4300 Goodfellow Blvd

Client Number:  
 26-3514

# Laboratory Results

Fax Number:  
 816-822-3494

Lab Sample Number	Client Sample Number	Analyte:	Wipe Area (ft <sup>2</sup> )	Total Metal (ug)	Concentration (ug/ft <sup>2</sup> )	Narrative ID
22-02-00240-001	107-W-01	Arsenic (As)	1.00	<2.50	<2.5	L01
		Barium (Ba)	1.00	0.745	0.74	L01
		Cadmium (Cd)	1.00	<0.100	<0.10	L01
		Chromium (Cr)	1.00	<1.00	<1.0	L01
		Lead (Pb)	1.00	<0.500	<0.50	L01
		Selenium (Se)	1.00	<2.50	<2.5	L01
		Silver (Ag)	1.00	<0.500	<0.50	L01
22-02-00240-002	107-W-02	Arsenic (As)	0.972	<2.50	<2.5	L01
		Barium (Ba)	0.972	2.04	2.1	L01
		Cadmium (Cd)	0.972	<0.100	<0.10	L01
		Chromium (Cr)	0.972	<1.00	<1.0	L01

# Environmental Hazards Services, L.L.C

Client Number: 26-3514

Report Number: 22-02-00240

Project/Test Address: 168765; GFC; 4300 Goodfellow Blvd

Lab Sample Number	Client Sample Number	Analyte:	Wipe Area (ft <sup>2</sup> )	Total Metal (ug)	Concentration (ug/ft <sup>2</sup> )	Narrative ID
		Lead (Pb)	0.972	0.690	0.71	L01
		Selenium (Se)	0.972	<2.50	<2.6	L01
		Silver (Ag)	0.972	<0.500	<0.51	L01
22-02-00240-003	107-W-03	Arsenic (As)		<2.50	---	L01
		Barium (Ba)		<0.500	---	L01
		Cadmium (Cd)		<0.100	---	L01
		Chromium (Cr)		<1.00	---	L01
		Lead (Pb)		<0.500	---	L01
		Selenium (Se)		<2.50	---	L01
		Silver (Ag)		<0.500	---	L01

# Environmental Hazards Services, L.L.C

Client Number: 26-3514

Report Number: 22-02-00240

Project/Test Address: 168765; GFC; 4300 Goodfellow Blvd

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Lab Sample Number	Client Sample Number	Analyte:	Wipe Area (ft <sup>2</sup> )	Total Metal (ug)	Concentration (ug/ft <sup>2</sup> )	Narrative ID
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Sample Narratives:

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L01: MB for Se exceeded acceptance limit.

Analyst: Ailea Cabatbat

Method: Mercury (Hg): EPA SW846 7471B

All other metals: EPA SW846 3050B/6010D

Reviewed By Authorized Signatory:

(b) (6)

Melissa Kanode

QA/QC Clerk

Sample Results denoted with a "less than" (<) sign contains less than the reporting limit for each particular metal, based on a 50mL volume. The reporting limit for Cadmium is 0.10ug, Barium, Lead and Silver are 0.50ug, Arsenic and Chromium are 1.0ug, and Selenium is 2.5ug.

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Unless otherwise noted, samples are reported without a dry weight correction. Sample location, description, area, volume, etc., was provided by the client. If the report does not contain the result for a field blank, it is due to the fact that the client did not include a field blank with their samples. These sample results do not reflect blank correction. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, L.L.C. NY ELAP #11714.

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Legend	ug = microgram	ug/ft <sup>2</sup> = micrograms per square foot
	mL = milliliter	ft <sup>2</sup> = square foot

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# ENVIRONMENTAL HAZARDS SERVICES, LLC

## Metals Chain of Custody Form

Pg 1 of 1

Company Name		Burns & McDonnell			Account #		26-3514		
Company Address		9400 Ward Parkway			City/State/Zip		Kansas City, MO 64114		
Phone		314-302-4661			Email		eapulcher@burnsmcd.com		
Project Name / Testing Address		GFC / 4300 Goodfellow Blvd							
PO Number		168765			Collected By		Emily Pulcher		
Turn-Around Time		<input checked="" type="radio"/> 5 DAY <input type="radio"/> 3 DAY <input type="radio"/> 2 DAY <input type="radio"/> 1 DAY <input type="radio"/> SAME DAY OR WEEKEND - Must Call Ahead							

LAB NUMBER	Client Sample ID	Collection Date & Time	METALS						Other Metals	PARTICULATES			AIR			WIPEs  AREA <small>Circle The Unit of Measurement Used cm or in</small>		
			Pb TCLP	TCLP RCRA 8	RCRA 8 Total	Toxic Metal Profile	Welding Fume Profile	TX 11 TCLP		CA 17 Total	Total Nuisance Dust	Respirable Dust	TSP Gravimetric	TSP Pb	PM-10		Total Time Mins.	Flow Rate L/min.
1	107-A-01	1/31/22 0815							Ag, As, Ba, Cd, Cr, Pb, Se						285	2.6	741	x
2	107-A-02	I 0935													NA	NA	NA	x
3	107-W-01	I 0942																12 x 12
4	107-W-02	I 0946																14 x 16
5	107-W-03	I 0950																NA x NA
6																		x
7																		x
8																		x
9																		x
10																		x
11																		x
12																		x
13																		x
14																		x
15																		x

Released By:	Emily Pulcher	Date:	1/31/22	Time:	1600
Signature:	(b) (6)				


LAB USE ONLY - BELOW THIS LINE

Received By: T. Johnson  
 Signature: (b) (6)  
 Date: 2/2/22 Time: 10:45  AM  PM

Portal Contact Added

7469 WHITEPINE RD, RICHMOND, VA 23237 (800)-347-4010  
 RESULTS VIA CLIENT PORTAL AVAILABLE @ [www.leadlab.com](http://www.leadlab.com)

22-02-00240



Due Date:  
 02/09/2022  
 (Wednesday)  
 EL MM-L





Environmental Hazards Services, L.L.C.  
 7469 Whitepine Rd  
 Richmond, VA 23237  
 Telephone: 800.347.4010

## Wipe Metals Analysis Report

Client: Burns & McDonnell Engineering  
 9400 Ward Pkwy.  
 Kansas City, MO 64114

Report Number: 22-02-03207

Received Date: 02/18/2022

Analyzed Date: 02/22/2022

Reported Date: 02/22/2022

Project/Test Address: 168765; GFC; 4300 Goodfellow Blvd

Client Number:  
 26-3514

# Laboratory Results

Fax Number:  
 816-822-3494

Lab Sample Number	Client Sample Number	Analyte:	Wipe Area (ft <sup>2</sup> )	Total Metal (ug)	Concentration (ug/ft <sup>2</sup> )	Narrative ID
22-02-03207-001	107-W-01	Arsenic (As)	1.00	<2.50	<2.5	
		Barium (Ba)	1.00	<0.500	<0.50	
		Cadmium (Cd)	1.00	<0.100	<0.10	
		Chromium (Cr)	1.00	<1.00	<1.0	
		Lead (Pb)	1.00	5.68	5.7	
		Selenium (Se)	1.00	<2.50	<2.5	
		Silver (Ag)	1.00	<0.500	<0.50	
22-02-03207-002	107-W-02	Arsenic (As)		<2.50	---	
		Barium (Ba)		<0.500	---	
		Cadmium (Cd)		0.465	---	
		Chromium (Cr)		<1.00	---	

# Environmental Hazards Services, L.L.C

Client Number: 26-3514

Report Number: 22-02-03207

Project/Test Address: 168765; GFC; 4300 Goodfellow Blvd

Lab Sample Number	Client Sample Number	Analyte:	Wipe Area (ft <sup>2</sup> )	Total Metal (ug)	Concentration (ug/ft <sup>2</sup> )	Narrative ID
		Lead (Pb)		14.0	---	
		Selenium (Se)		<2.50	---	
		Silver (Ag)		<0.500	---	

## Sample Narratives:

Analyst: Ailea Cabatbat

Method: Mercury (Hg): EPA SW846 7471B

All other metals: EPA SW846 3050B/6010D

(b) (6)

Reviewed By Authorized Signatory:

Tasha Eaddy

QA/QC Clerk

Sample Results denoted with a "less than" (<) sign contains less than the reporting limit for each particular metal, based on a 50mL volume. The reporting limit for Cadmium is 0.10ug, Barium, Lead and Silver are 0.50ug, Arsenic and Chromium are 1.0ug, and Selenium is 2.5ug.

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Unless otherwise noted, samples are reported without a dry weight correction. Sample location, description, area, volume, etc., was provided by the client. If the report does not contain the result for a field blank, it is due to the fact that the client did not include a field blank with their samples. These sample results do not reflect blank correction. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, L.L.C. NY ELAP #11714.

Legend	ug = microgram	ug/ft <sup>2</sup> = micrograms per square foot
	mL = milliliter	ft <sup>2</sup> = square foot

# ENVIRONMENTAL HAZARDS SERVICES, LLC

## Metals Chain of Custody Form

Pg 1 of 1

Company Name		Burns & McDonnell			Account #		26-3514		
Company Address		9400 Ward Parkway			City/State/Zip		Kansas City, MO 64114		
Phone		314-302-4661			Email		eapulcher@burnsmcd.com		
Project Name / Testing Address		GFC / 4300 Goodfellow Blvd							
PO Number		168765			Collected By		Ashley Anstaett		
Turn-Around Time		<input checked="" type="checkbox"/> <del>SAME DAY</del> <input type="checkbox"/> 3 DAY <input checked="" type="checkbox"/> 2 DAY <input type="checkbox"/> 1 DAY <input type="checkbox"/> SAME DAY OR WEEKEND - Must Call Ahead							

LAB NUMBER	Client Sample ID	Collection Date & Time	METALS							ICP  Other Metals	PARTICULATES					AIR			WIPES  AREA Circle The Unit of Measurement Used cm or <input checked="" type="checkbox"/> in
			Pb TCLP	TCLP RCRA 8	RCRA 8 Total	Toxic Metal Profile	Welding Fume Profile	TX 11 TCLP	CA 17 Total		Total Nuisance Dust	Respirable Dust	TSP Gravimetric	TSP Pb	PM-10	Total Time Mins.	Flow Rate L/min.	Vol. Total Liters	
1	107-A-01	8/14 1253							Ag, As, Ba, Cd, Cr, Pb, Se						246	-	627	x	
2	107-A-02	0945													NA	NA	NA	x	
3	107-W-01	1038																12 x 12	
4	107-W-02	1040																NA x NA	
5																		x	
6																		x	
7																		x	
8																		x	
9																		x	
10																		x	
11																		x	
12																		x	
13																		x	
14																		x	
15																		x	

Released By:	Ashley Anstaett		Date:	8/16/2022	Time:	1630
Signature:	(b) (6)					

LAB USE ONLY - BELOW THIS LINE

Received By: Tbh  
 Signature: (b) (6)  
 Date: 2/18/22 Time: 1:38  AM  PM

Portal Contact Added

7469 WHITEPINE RD, RICHMOND, VA 23237 (800)-347-4010  
 RESULTS VIA CLIENT PORTAL AVAILABLE @ [www.leadlab.com](http://www.leadlab.com)

22-02-03207

Due Date:  
**02/22/2022**  
 (Tuesday)  
 EL MM-L