



July 18, 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 – Bldg. 104 Air Sampling
Project No. 121244

Dear Ms. Czarnecki:

Thank you for the opportunity to provide the General Services Administration (GSA) with the Resource Conservation and Recovery Act (RCRA) metals air sampling investigation of the above referenced building located at the Goodfellow Federal Complex, in St. Louis, Missouri. Burns & McDonnell understands that the purpose of the investigation was to provide sampling data regarding existing conditions to supplement previous investigation reports prepared for the facility. The following report summarizes air-sample collection activities and the laboratory analytical results of the samples submitted.

METHODOLOGY

On June 14, 2022, Ashley Anstaett of Burns & McDonnell conducted area air-sampling for the presence of seven (7) of the RCRA metals including arsenic, barium, cadmium, chromium, lead, selenium, and silver. Sampling was conducted in various locations throughout Building 104.

The sampling plan, number of samples, sample distribution, and general methodology was developed based on previous investigation methodology and in coordination with the GSA. Sample locations and samples collected from discretionary locations were determined by sampling personnel while on-site.

Air samples for RCRA metals were collected on 37-millimeter (mm) cassettes with 0.8 micrometer (μm) 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. Air samples were submitted under chain-of-custody to Environmental Hazards Services, LLC (EHS) in Richmond, Virginia for independent analysis of 7 RCRA metals according to NIOSH method 7300. EHS is accredited under the American Industrial Hygiene Association (AIHA) Industrial Hygiene Laboratory Accreditation Program (IHLAP) program, identification number LAP-100420.

Diane Czarnecki
 Facilities Management Division
 July 18, 2022
 Page 2

RESULTS AND DISCUSSION

Results of the air sampling are summarized in the table below by identifying the range of results for Building 104 for each of the seven (7) metals that were sampled. Results indicate that all 18 air samples collected from Building 104 and analyzed for RCRA metals were below their respective OSHA Permissible Exposure Limit (PEL), as based on a time-weighted-average.

Table 1. Summary of Air Sampling Results

Analyte	Lowest Concentration ^(a) ($\mu\text{g}/\text{m}^3$) ^(b)	Highest Concentration ^(a) ($\mu\text{g}/\text{m}^3$) ^(b)	Permissible Exposure Limit (PEL) ($\mu\text{g}/\text{m}^3$) ^(b)
Arsenic	<0.24	<0.32	10
Barium	<0.24	<0.32	500
Cadmium	<0.048	<0.063	5
Chromium (Total)	<1.2	<1.6	500
Lead	<0.24	<0.32	1
Selenium	<1.2	<1.6	200
Silver	<0.24	<0.32	10

Notes:

- (a) Samples with a “<” sign indicate that the results were below the laboratory’s reporting limit, which varies based on sample air volume.
- (b) $\mu\text{g}/\text{m}^3$ = micrograms per cubic meter of air.

GSA may choose to compare results with guidance limits from additional organizations for risk evaluation, including but not limited to the American Conference of Governmental Industrial Hygienists (ACGIH) and/or the World Health Organization (WHO).

A summary table of all sampling results by location is included in Appendix A. The complete laboratory report for the air sampling from EHS is attached in Appendix B.

LIMITATIONS

The scope of this assessment was limited as follows. Burns & McDonnell collected samples from a select number of locations in an effort to minimize cost while providing a general overview of the air quality at the site. Sample locations do not encompass every indoor space at the site. Additionally, based on previous sampling history, samples were only analyzed for a select number of potential contaminants likely to affect the air quality at the site. Burns &



Diane Czarnecki
Facilities Management Division
July 18, 2022
Page 3

McDonnell is not responsible for potential contaminants not identified in this report. This report was prepared for the sole use of GSA.

Burns & McDonnell appreciates the opportunity to work with the 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)

A large black rectangular redaction box covers the signature area. The text '(b) (6)' is written in red at the top left corner of the redaction.

Matt Shanahan, CHMM
Project Manager

Attachments:

- Appendix A – Results Summary by Location
- Appendix B – Air Sample Laboratory Report

Information in Appendices A and B is 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.

APPENDIX A – RESULTS SUMMARY BY LOCATION

Appendix A
Results Summary by Location

Sample Number	Location	Analyte	Result	Units	Recommended Limits ¹
104-A-01	2nd floor, east windowsill, column B41	Arsenic	< 0.29	µg/m ³	10
		Barium	< 0.29	µg/m ³	500
		Cadmium	< 0.057	µg/m ³	5
		Chromium	< 1.5	µg/m ³	500
		Lead ²	< 0.29	µg/m ³	1
		Selenium	< 1.5	µg/m ³	200
		Silver	< 0.29	µg/m ³	10
104-A-02	2nd floor, mail table, column D34	Arsenic	< 0.29	µg/m ³	10
		Barium	< 0.29	µg/m ³	500
		Cadmium	< 0.057	µg/m ³	5
		Chromium	< 1.5	µg/m ³	500
		Lead ²	< 0.29	µg/m ³	1
		Selenium	< 1.5	µg/m ³	200
		Silver	< 0.29	µg/m ³	10
104-A-03	2nd floor, snack shop, table at column J35	Arsenic	< 0.29	µg/m ³	10
		Barium	< 0.29	µg/m ³	500
		Cadmium	< 0.058	µg/m ³	5
		Chromium	< 1.5	µg/m ³	500
		Lead ²	< 0.29	µg/m ³	1
		Selenium	< 1.5	µg/m ³	200
		Silver	< 0.29	µg/m ³	10
104-A-04	2nd floor, top of cabinet at column G39	Arsenic	< 0.30	µg/m ³	10
		Barium	< 0.30	µg/m ³	500
		Cadmium	< 0.059	µg/m ³	5
		Chromium	< 1.5	µg/m ³	500
		Lead ²	< 0.30	µg/m ³	1
		Selenium	< 1.5	µg/m ³	200
		Silver	< 0.30	µg/m ³	10
104-A-05	2nd floor, top of cabinet at column F45	Arsenic	< 0.32	µg/m ³	10
		Barium	< 0.32	µg/m ³	500
		Cadmium	< 0.063	µg/m ³	5
		Chromium	< 1.6	µg/m ³	500
		Lead ²	< 0.32	µg/m ³	1
		Selenium	< 1.6	µg/m ³	200
		Silver	< 0.32	µg/m ³	10

Appendix A
Results Summary by Location

Sample Number	Location	Analyte	Result	Units	Recommended Limits ¹
104-A-06	2nd floor, top stair at south entrance	Arsenic	< 0.31	µg/m ³	10
		Barium	< 0.31	µg/m ³	500
		Cadmium	< 0.061	µg/m ³	5
		Chromium	< 1.6	µg/m ³	500
		Lead ²	< 0.31	µg/m ³	1
		Selenium	< 1.6	µg/m ³	200
		Silver	< 0.31	µg/m ³	10
104-A-07	2nd floor, windowsill, column B51	Arsenic	< 0.32	µg/m ³	10
		Barium	< 0.32	µg/m ³	500
		Cadmium	< 0.063	µg/m ³	5
		Chromium	< 1.6	µg/m ³	500
		Lead ²	< 0.32	µg/m ³	1
		Selenium	< 1.6	µg/m ³	200
		Silver	< 0.32	µg/m ³	10
104-A-08	2nd floor, windowsill, column B35	Arsenic	< 0.31	µg/m ³	10
		Barium	< 0.31	µg/m ³	500
		Cadmium	< 0.062	µg/m ³	5
		Chromium	< 1.6	µg/m ³	500
		Lead ²	< 0.31	µg/m ³	1
		Selenium	< 1.6	µg/m ³	200
		Silver	< 0.31	µg/m ³	10
104-A-09	2nd floor, break room table	Arsenic	< 0.25	µg/m ³	10
		Barium	< 0.25	µg/m ³	500
		Cadmium	< 0.049	µg/m ³	5
		Chromium	< 1.3	µg/m ³	500
		Lead ²	< 0.25	µg/m ³	1
		Selenium	< 1.3	µg/m ³	200
		Silver	< 0.25	µg/m ³	10
104-A-10	2nd floor, print shop, table at column F30	Arsenic	< 0.24	µg/m ³	10
		Barium	< 0.24	µg/m ³	500
		Cadmium	< 0.048	µg/m ³	5
		Chromium	< 1.2	µg/m ³	500
		Lead ²	< 0.24	µg/m ³	1
		Selenium	< 1.2	µg/m ³	200
		Silver	< 0.24	µg/m ³	10

Appendix A
Results Summary by Location

Sample Number	Location	Analyte	Result	Units	Recommended Limits ¹
104-A-11	2nd floor, print shop, orange table at column D30	Arsenic	< 0.26	µg/m ³	10
		Barium	< 0.26	µg/m ³	500
		Cadmium	< 0.051	µg/m ³	5
		Chromium	< 1.3	µg/m ³	500
		Lead ²	< 0.26	µg/m ³	1
		Selenium	< 1.3	µg/m ³	200
		Silver	< 0.26	µg/m ³	10
104-A-12	2nd Floor, print shop, work station at column D33	Arsenic	< 0.27	µg/m ³	10
		Barium	< 0.27	µg/m ³	500
		Cadmium	< 0.053	µg/m ³	5
		Chromium	< 1.4	µg/m ³	500
		Lead ²	< 0.27	µg/m ³	1
		Selenium	< 1.4	µg/m ³	200
		Silver	< 0.27	µg/m ³	10
104-A-13	2nd floor, east wall at column G20	Arsenic	< 0.27	µg/m ³	10
		Barium	< 0.27	µg/m ³	500
		Cadmium	< 0.054	µg/m ³	5
		Chromium	< 1.4	µg/m ³	500
		Lead ²	< 0.27	µg/m ³	1
		Selenium	< 1.4	µg/m ³	200
		Silver	< 0.27	µg/m ³	10
104-A-14	2nd floor, shelf in data center, by reception	Arsenic	< 0.27	µg/m ³	10
		Barium	< 0.27	µg/m ³	500
		Cadmium	< 0.054	µg/m ³	5
		Chromium	< 1.4	µg/m ³	500
		Lead ²	< 0.27	µg/m ³	1
		Selenium	< 1.4	µg/m ³	200
		Silver	< 0.27	µg/m ³	10
104-A-15	2nd floor, data center, room 2, desk at column D3	Arsenic	< 0.29	µg/m ³	10
		Barium	< 0.29	µg/m ³	500
		Cadmium	< 0.058	µg/m ³	5
		Chromium	< 1.5	µg/m ³	500
		Lead ²	< 0.29	µg/m ³	1
		Selenium	< 1.5	µg/m ³	200
		Silver	< 0.29	µg/m ³	10

Appendix A
Results Summary by Location

Sample Number	Location	Analyte	Result	Units	Recommended Limits ¹
104-A-16	Field blank	Arsenic	< 0.15	µg	--
		Barium	< 0.15	µg	--
		Cadmium	< 0.030	µg	--
		Chromium	< 0.75	µg	--
		Lead ²	< 0.15	µg	--
		Selenium	< 0.75	µg	--
		Silver	< 0.15	µg	--
104-A-17	Field blank	Arsenic	< 0.15	µg	--
		Barium	< 0.15	µg	--
		Cadmium	< 0.030	µg	--
		Chromium	< 0.75	µg	--
		Lead ²	< 0.15	µg	--
		Selenium	< 0.75	µg	--
		Silver	< 0.15	µg	--
104-A-18	2nd floor, data center, round table at column D2	Arsenic	< 0.28	µg/m ³	10
		Barium	< 0.28	µg/m ³	500
		Cadmium	< 0.055	µg/m ³	5
		Chromium	< 1.4	µg/m ³	500
		Lead ²	< 0.28	µg/m ³	1
		Selenium	< 1.4	µg/m ³	200
		Silver	< 0.28	µg/m ³	10

Notes:

¹Limits equal to the Occupational Safety and Health Administration (OSHA) Permissible Exposure Limits (PELs)

²Limits equal to the World Health organization (WHO) Ambient Air Limit

APPENDIX B – AIR SAMPLE LABORATORY REPORT



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: 22-06-03477
 Received Date: 06/17/2022
 Reported Date: 06/27/2022

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 ³)	Narrative ID
22-06-03477-001	104-A-01	06/25/2022	Arsenic (As)	528	<0.15	<0.29	
			Barium (Ba)		<0.15	<0.29	
			Cadmium (Cd)		<0.030	<0.057	
			Chromium (Cr)		<0.75	<1.5	
			Lead (Pb)		<0.15	<0.29	
			Selenium (Se)		<0.75	<1.5	
			Silver (Ag)		<0.15	<0.29	
22-06-03477-002	104-A-02	06/25/2022	Arsenic (As)	528	<0.15	<0.29	
			Barium (Ba)		<0.15	<0.29	
			Cadmium (Cd)		<0.030	<0.057	
			Chromium (Cr)		<0.75	<1.5	
			Lead (Pb)		<0.15	<0.29	
			Selenium (Se)		<0.75	<1.5	
			Silver (Ag)		<0.15	<0.29	
22-06-03477-003	104-A-03	06/25/2022	Arsenic (As)	520	<0.15	<0.29	
			Barium (Ba)		<0.15	<0.29	
			Cadmium (Cd)		<0.030	<0.058	

Environmental Hazards Services, L.L.C

Client Number: 26-3514

Report Number: 22-06-03477

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

Lab Sample Number	Client Sample Number	Analyzed Date	Analyte	Air Volume (L)	Total Metal (ug)	Concentration (ug/m ³)	Narrative ID
			Chromium (Cr)		<0.75	<1.5	
			Lead (Pb)		<0.15	<0.29	
			Selenium (Se)		<0.75	<1.5	
			Silver (Ag)		<0.15	<0.29	
22-06-03477-004	104-A-04	06/25/2022	Arsenic (As)	510	<0.15	<0.30	
			Barium (Ba)		<0.15	<0.30	
			Cadmium (Cd)		<0.030	<0.059	
			Chromium (Cr)		<0.75	<1.5	
			Lead (Pb)		<0.15	<0.30	
			Selenium (Se)		<0.75	<1.5	
			Silver (Ag)		<0.15	<0.30	
22-06-03477-005	104-A-05	06/25/2022	Arsenic (As)	480	<0.15	<0.32	
			Barium (Ba)		<0.15	<0.32	
			Cadmium (Cd)		<0.030	<0.063	
			Chromium (Cr)		<0.75	<1.6	
			Lead (Pb)		<0.15	<0.32	
			Selenium (Se)		<0.75	<1.6	
			Silver (Ag)		<0.15	<0.32	
22-06-03477-006	104-A-06	06/25/2022	Arsenic (As)	499	<0.15	<0.31	
			Barium (Ba)		<0.15	<0.31	
			Cadmium (Cd)		<0.030	<0.061	
			Chromium (Cr)		<0.75	<1.6	
			Lead (Pb)		<0.15	<0.31	
			Selenium (Se)		<0.75	<1.6	
			Silver (Ag)		<0.15	<0.31	

Environmental Hazards Services, L.L.C

Client Number: 26-3514

Report Number: 22-06-03477

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

Lab Sample Number	Client Sample Number	Analyzed Date	Analyte	Air Volume (L)	Total Metal (ug)	Concentration (ug/m ³)	Narrative ID
22-06-03477-007	104-A-07	06/25/2022	Arsenic (As)	478	<0.15	<0.32	
			Barium (Ba)		<0.15	<0.32	
			Cadmium (Cd)		<0.030	<0.063	
			Chromium (Cr)		<0.75	<1.6	
			Lead (Pb)		<0.15	<0.32	
			Selenium (Se)		<0.75	<1.6	
			Silver (Ag)		<0.15	<0.32	
22-06-03477-008	104-A-08	06/25/2022	Arsenic (As)	490	<0.15	<0.31	
			Barium (Ba)		<0.15	<0.31	
			Cadmium (Cd)		<0.030	<0.062	
			Chromium (Cr)		<0.75	<1.6	
			Lead (Pb)		<0.15	<0.31	
			Selenium (Se)		<0.75	<1.6	
			Silver (Ag)		<0.15	<0.31	
22-06-03477-009	104-A-09	06/25/2022	Arsenic (As)	620	<0.15	<0.25	
			Barium (Ba)		<0.15	<0.25	
			Cadmium (Cd)		<0.030	<0.049	
			Chromium (Cr)		<0.75	<1.3	
			Lead (Pb)		<0.15	<0.25	
			Selenium (Se)		<0.75	<1.3	
			Silver (Ag)		<0.15	<0.25	
22-06-03477-010	104-A-10	06/25/2022	Arsenic (As)	632	<0.15	<0.24	
			Barium (Ba)		<0.15	<0.24	
			Cadmium (Cd)		<0.030	<0.048	
			Chromium (Cr)		<0.75	<1.2	

Environmental Hazards Services, L.L.C

Client Number: 26-3514

Report Number: 22-06-03477

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

Lab Sample Number	Client Sample Number	Analyzed Date	Analyte	Air Volume (L)	Total Metal (ug)	Concentration (ug/m ³)	Narrative ID
			Lead (Pb)		<0.15	<0.24	
			Selenium (Se)		<0.75	<1.2	
			Silver (Ag)		<0.15	<0.24	
22-06-03477-011	104-A-11	06/25/2022	Arsenic (As)	597	<0.15	<0.26	
			Barium (Ba)		<0.15	<0.26	
			Cadmium (Cd)		<0.030	<0.051	
			Chromium (Cr)		<0.75	<1.3	
			Lead (Pb)		<0.15	<0.26	
			Selenium (Se)		<0.75	<1.3	
			Silver (Ag)		<0.15	<0.26	
22-06-03477-012	104-A-13	06/25/2022	Arsenic (As)	569	<0.15	<0.27	
			Barium (Ba)		<0.15	<0.27	
			Cadmium (Cd)		<0.030	<0.053	
			Chromium (Cr)		<0.75	<1.4	
			Lead (Pb)		<0.15	<0.27	
			Selenium (Se)		<0.75	<1.4	
			Silver (Ag)		<0.15	<0.27	
22-06-03477-013	104-A-14	06/25/2022	Arsenic (As)	559	<0.15	<0.27	
			Barium (Ba)		<0.15	<0.27	
			Cadmium (Cd)		<0.030	<0.054	
			Chromium (Cr)		<0.75	<1.4	
			Lead (Pb)		<0.15	<0.27	
			Selenium (Se)		<0.75	<1.4	
			Silver (Ag)		<0.15	<0.27	
22-06-03477-014	104-A-15	06/25/2022	Arsenic (As)	525	<0.15	<0.29	

Environmental Hazards Services, L.L.C

Client Number: 26-3514

Report Number: 22-06-03477

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

Lab Sample Number	Client Sample Number	Analyzed Date	Analyte	Air Volume (L)	Total Metal (ug)	Concentration (ug/m ³)	Narrative ID
			Barium (Ba)		<0.15	<0.29	
			Cadmium (Cd)		<0.030	<0.058	
			Chromium (Cr)		<0.75	<1.5	
			Lead (Pb)		<0.15	<0.29	
			Selenium (Se)		<0.75	<1.5	
			Silver (Ag)		<0.15	<0.29	
22-06-03477-015	104-A-16	06/25/2022	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	---	
22-06-03477-016	104-A-17	06/25/2022	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	---	
22-06-03477-017	104-A-18	06/25/2022	Arsenic (As)	546	<0.15	<0.28	
			Barium (Ba)		<0.15	<0.28	
			Cadmium (Cd)		<0.030	<0.055	
			Chromium (Cr)		<0.75	<1.4	
			Lead (Pb)		<0.15	<0.28	

Environmental Hazards Services, L.L.C

Client Number: 26-3514

Report Number: 22-06-03477

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

Lab Sample Number	Client Sample Number	Analyzed Date	Analyte	Air Volume (L)	Total Metal (ug)	Concentration (ug/m ³)	Narrative ID
			Selenium (Se)		<0.75	<1.4	
			Silver (Ag)		<0.15	<0.28	

Sample Narratives:

Method: NIOSH 7300M
Analyst: Carlos Gonzalez

(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 15mL volume. The reporting limit is 0.03ug for Cadmium, 0.15ug for Arsenic, Barium, Lead and Silver, and 0.75ug for Chromium and Selenium.

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/m³ = micrograms per cubic meter
 mL = milliliter L = Liters

ENVIRONMENTAL HAZARDS SERVICES, LLC

Metals Chain of Custody Form

Pg 1 of 2

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: A. Anstaett + E. Wergler
Turn-Around Time: <input checked="" type="checkbox"/> 5 DAY <input type="checkbox"/> 3 DAY <input 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						Other Metals <small>Ag, As, Ba, Cd, Cr, Pb, Se</small>	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	Flow Rate	Vol.
																	Mins.	L/min	Total Liters
1	104-A-01	6/14/22 1107												203		528	x		
2	104-A-02	1106												203		528	x		
3	104-A-03	1108												204		520	x		
4	104-A-04	1110												204		510	x		
5	104-A-05	1112												192		480	x		
6	104-A-06	1117												192		499	x		
7	104-A-07	1119												191		478	x		
8	104-A-08	1123												192		490	x		
9	104-A-09	1529												243		620	x		
10	104-A-10	1523												234		632	x		
11	104-A-11	1525												234		597	x		
12	104-A-13	1521												223		509	x		
13	104-A-14	1517												215		559	x		
14	104-A-15	1515												210		525	x		
15	104-A-16	0630												NA		NA	x		

Released By: **A. Anstaett** Date: **06/14/22** Time: **1630**

Signature: **(b) (6)**

LAB USE ONLY - BELOW THIS LINE

Received By: *Th...*

Signature: **(b) (6)**

Date: 6/17/22 Time: 11:38 AM PM

Portal Contact Added

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

RESULTS VIA CLIENT PORTAL AVAILABLE @ www.leadlab.com

22-06-03477

Due Date:
06/24/2022
(Friday)
EL MM-L

ENVIRONMENTAL HAZARDS SERVICES, LLC

Metals Chain of Custody Form

Page 2 of 2

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	
Turn-Around Time	5 DAY	3 DAY	2 DAY
			1 DAY
			SAME DAY OR WEEKEND - Must Call Ahead

LAB USE ONLY	Client Sample ID	Collection Date & Time	METALS						PARTICULATES				AIR		WIPES AREA Circle the Unit of Measurement Used cm or in				
			Pb TCLP	TCLP RCRA 8	RCRA 8 Total	Toxic Metal Profile	Welding Fume Profile	TX 11 TCLP	CA17 Total	Other Metals	Total Nuisance Dust	Respirable Dust	TSP Gravimetric	TSP Pb		PM-10	Total Time	Flow Rate	Vol.
																	Mins.	l/min	Total Liters
	104-A-17	6/14/22 0630													NA	NA	X		
	104-A-18	1 1516													210	516	X		
																	X		
																	X		
																	X		
																	X		
																	X		
																	X		
																	X		
																	X		
																	X		
																	X		
																	X		
																	X		
																	X		
																	X		
																	X		
																	X		
																	X		
Released By:	A. Anstalt		Date: 6/14/22						Time: 1630										
Signature:	(b) (6)																		

LAB USE ONLY - BELOW THIS LINE

Received By: Tah

Signature: (b) (6)

Date: 6/17 / 22 Time: 11 : 30 AM PM

Portal Contact Added

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

RESULTS VIA CLIENT PORTAL AVAILABLE @ www.leadlab.com

3777



EHS
Laboratories™

Attach Laboratory Label Here