



September 26, 2024  
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. 105L Drinking Water Sampling  
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 drinking water sampling and testing for the presence of lead and copper at Building 105L of the Goodfellow Federal Center located at 4300 Goodfellow Boulevard in St. Louis, Missouri. Sampling was completed in response to the ongoing environmental condition assessment at the Goodfellow Federal Center.

Drinking water sampling was conducted to determine the current levels of lead and copper in representative sources throughout the complex. Drinking water sampling at Bldg. 105L was conducted on September 5, 2024 by Jeff Smith of OCCU-TEC.

## **METHODOLOGY**

The sampling methodology used during this investigation was developed in general accordance with the United States Environmental Protection Agency's (EPA) "Quick Guide to Drinking Water Sample Collection – Second Edition" developed by the EPA Region 8 in September 2016.

Samples were collected as first draw samples in accordance with the Lead and Copper Rule (40 CFR Part 141 Subpart I). First draw samples represent 'worst case' conditions with water that has been stationary within the plumbing systems for a minimum of six hours. The samples were collected in individually labeled 1000 milliliter (mL) plastic bottles capped with Teflon septa lined screw caps. The bottles were filled to the shoulder with water from the sample source. The samples were then placed in a cooler for safe transport. Each sample was acidified at the laboratory as needed.

Drinking water sampling for the presence of lead and copper was conducted at two (2) distinct locations within Building 105L. A total of three (3) samples were obtained including duplicate samples. After each drinking water sample was collected, Burns & McDonnell filled a separate sample cup with approximately 2 inches of water. Burns & McDonnell placed an Oakton pH30 pH tester into the sample cup. After readings stabilized, Burns & McDonnell recorded the

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readings for pH (the acidity or basicity of an aqueous solution) and the temperature (in degrees Celsius) on site specific sample logs.

Drinking water samples were submitted to Eurofins-Eaton Analytical in South Bend, IN for analyses of lead and copper. Eurofins-Eaton Analytical is certified by the State of Missouri Department of Natural Resources (MDNR) as an approved drinking water laboratory. Eurofins-Eaton Analytical’s Missouri Certification number is 880.

The drinking water samples were collected using media supplied by Eurofins-Eaton Analytical. Lead and Copper samples were collected and analyzed in accordance with EPA Method 200.8.

**RESULTS AND DISCUSSION**

The results for the subject testing are summarized in the table below.

| Analysis | Lowest Concentration <sup>(a)</sup> | Highest Concentration <sup>(a)</sup> | Action Level <sup>(b)</sup> |
|----------|-------------------------------------|--------------------------------------|-----------------------------|
| Lead     | 0.65 µg/L                           | 0.72 µg/L                            | 15 µg/L                     |
| Copper   | 25 µg/L                             | 28 µg/L                              | 1300 µg/L                   |

Notes:

(a) Samples with a “<” sign indicate that the results were below the reportable limit.

(b) As per EPA Lead and Copper Rule (40 CFR Part 141 Subpart I).

(c) µg/L – micrograms per liter

No samples resulted in levels over the action levels, 15 µg/L for lead and 1,300 µg/L for copper.

A summary table of all sampling results by location is included in Appendix A. The complete laboratory report for the drinking water sampling from Eurofins-Eaton Analytical is attached in Appendix B.

**pH**

Normal pH levels for drinking water are between 6.0 to 8.5. Water with a pH < 6.5 is considered acidic, soft, and corrosive. Acidic water may contain metal ions, may cause premature damage to metal piping, and increases the likelihood of leaching. Water with a pH > 8.5 is considered alkaline or basic and can indicate that the water is hard. Hard water does not pose a health risk but can cause aesthetic problems. These problems include an alkali taste, the formation of scale deposits, and difficulty in getting soaps and detergents to lather.

Recorded pH levels in Building 105L ranged from 10.50 to 10.60 indicating the drinking water is slightly alkaline.



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**LIMITATIONS**

The scope of this assessment was limited in nature. Burns & McDonnell collected samples from a select number of drinking water sources in an effort to minimize cost while providing a general overview of the drinking water quality at the site. Sample locations do not encompass every drinking water source at the Site. Additionally, samples were only analyzed for a select number of potential contaminants likely to affect the drinking water quality at the site. Burns & McDonnell is not responsible for potential contaminants not identified in this report.

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, with the text "(b) (6)" written in red at the top left corner of the box.

Matt Shanahan, CHMM  
Project Manager

**Attachments:**

- Appendix A - Results Summary by Location
- Appendix B - Water Sample Laboratory Report

**APPENDIX A – RESULTS SUMMARY BY LOCATION**

**Appendix A**  
**Results Summary by Location**

| Sample Number | Location                    | pH   | Temp (°C) | Water Source | Analyte | Result | Units | Above / Below | AL   |
|---------------|-----------------------------|------|-----------|--------------|---------|--------|-------|---------------|------|
| 105L-DF-01    | Hallway DF                  | 10.6 | 15.3      | DF           | Copper  | 26     | µg/L  | Below         | 1300 |
| 105L-DF-01    | Hallway DF                  | 10.6 | 15.3      | DF           | Lead    | 0.72   | µg/L  | Below         | 15   |
| 105L-DF-02    | Duplicate of 105L-DF-01     | 10.6 | 15.3      | DF D         | Copper  | 25     | µg/L  | Below         | 1300 |
| 105L-DF-02    | Duplicate of 105L-DF-01     | 10.6 | 15.3      | DF D         | Lead    | 0.65   | µg/L  | Below         | 15   |
| 105L-SK-03    | Men's restroom - right sink | 10.5 | 21.1      | Sink         | Copper  | 28     | µg/L  | Below         | 1300 |
| 105L-SK-03    | Men's restroom - right sink | 10.5 | 21.1      | Sink         | Lead    | 0.72   | µg/L  | Below         | 15   |

Notes:

- DF - Drinking Fountain
- D - Duplicate
- L/R - Left or Right
- Dil - Dilution
- AL - Action Level
- SK - Sink
- µg/L - micrograms per liter

**APPENDIX B – WATER SAMPLE LABORATORY REPORT**

# ANALYTICAL REPORT

## PREPARED FOR

Attn: Mr. Matt Shanahan  
Burns & McDonnell  
425 South Woods Mill Road  
Suite 300  
Chesterfield, Missouri 63017

Generated 9/13/2024 9:44:17 AM

## JOB DESCRIPTION

Burns & McDonnell

## JOB NUMBER

810-119269-1

# Eurofins Eaton Analytical South Bend

## Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Eaton Analytical, LLC Project Manager.

## Authorization

(b) (6)

Generated  
9/13/2024 9:44:17 AM

Authorized for release by  
Amanda Scott, Project Manager  
[Amanda.Scott@et.eurofinsus.com](mailto:Amanda.Scott@et.eurofinsus.com)  
(574)233-4777





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# Definitions/Glossary

Client: Burns & McDonnell  
Project/Site: Burns & McDonnell

Job ID: 810-119269-1

## Glossary

| Abbreviation   | These commonly used abbreviations may or may not be present in this report.                                 |
|----------------|---|
| α              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery  |
| CFL            | Contains Free Liquid  |
| CFU            | Colony Forming Unit   |
| CNF            | Contains No Free Liquid   |
| DER            | Duplicate Error Ratio (normalized absolute difference)  |
| Dil Fac        | Dilution Factor   |
| DL             | Detection Limit (DoD/DOE)   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)   |
| EDL            | Estimated Detection Limit (Dioxin)  |
| LOD            | Limit of Detection (DoD/DOE)  |
| LOQ            | Limit of Quantitation (DoD/DOE)   |
| MCL            | EPA recommended "Maximum Contaminant Level"   |
| MDA            | Minimum Detectable Activity (Radiochemistry)  |
| MDC            | Minimum Detectable Concentration (Radiochemistry)   |
| MDL            | Method Detection Limit  |
| ML             | Minimum Level (Dioxin)  |
| MPN            | Most Probable Number  |
| MQL            | Method Quantitation Limit   |
| NC             | Not Calculated  |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)  |
| NEG            | Negative / Absent   |
| POS            | Positive / Present  |
| PQL            | Practical Quantitation Limit  |
| PRES           | Presumptive   |
| QC             | Quality Control   |
| RER            | Relative Error Ratio (Radiochemistry)   |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)   |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |
| TEF            | Toxicity Equivalent Factor (Dioxin)   |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)   |
| TNTC           | Too Numerous To Count   |

# Case Narrative

Client: Burns & McDonnell  
Project: Burns & McDonnell

Job ID: 810-119269-1

**Job ID: 810-119269-1**

**Eurofins Eaton Analytical South Bend**

## Job Narrative 810-119269-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

### Receipt

The samples were received on 9/9/2024 10:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

### Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

# Client Sample Results

Client: Burns & McDonnell  
 Project/Site: Burns & McDonnell

Job ID: 810-119269-1

**Client Sample ID: 107-DF-01**

Date Collected: 09/05/24 06:10  
 Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-1**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | <0.50  |           | 0.50 | ug/L |   |          | 09/11/24 18:17 | 1       |
| Copper  | 41     |           | 1.0  | ug/L |   |          | 09/11/24 18:17 | 1       |

**Client Sample ID: 107-SK-02**

Date Collected: 09/05/24 06:15  
 Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-2**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | <0.50  |           | 0.50 | ug/L |   |          | 09/11/24 18:20 | 1       |
| Copper  | 68     |           | 1.0  | ug/L |   |          | 09/11/24 18:20 | 1       |

**Client Sample ID: 107-SK-03**

Date Collected: 09/05/24 06:15  
 Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-3**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | <0.50  |           | 0.50 | ug/L |   |          | 09/11/24 18:22 | 1       |
| Copper  | 53     |           | 1.0  | ug/L |   |          | 09/11/24 18:22 | 1       |

**Client Sample ID: 107-SK-04**

Date Collected: 09/05/24 06:20  
 Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-4**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | <0.50  |           | 0.50 | ug/L |   |          | 09/11/24 18:30 | 1       |
| Copper  | 21     |           | 1.0  | ug/L |   |          | 09/11/24 18:30 | 1       |

**Client Sample ID: 110-SK-01**

Date Collected: 09/05/24 06:32  
 Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-5**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | <0.50  |           | 0.50 | ug/L |   |          | 09/11/24 18:33 | 1       |
| Copper  | 90     |           | 1.0  | ug/L |   |          | 09/11/24 18:33 | 1       |

**Client Sample ID: 110-SK-02**

Date Collected: 09/05/24 06:32  
 Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-6**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | <0.50  |           | 0.50 | ug/L |   |          | 09/11/24 18:41 | 1       |
| Copper  | 86     |           | 1.0  | ug/L |   |          | 09/11/24 18:41 | 1       |

# Client Sample Results

Client: Burns & McDonnell  
Project/Site: Burns & McDonnell

Job ID: 810-119269-1

**Client Sample ID: 110-SK-03**

Date Collected: 09/05/24 06:40

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-7**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | <0.50  |           | 0.50 | ug/L |   |          | 09/11/24 18:44 | 1       |
| Copper  | 86     |           | 1.0  | ug/L |   |          | 09/11/24 18:44 | 1       |

**Client Sample ID: 105L-DF-01**

Date Collected: 09/05/24 06:55

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-8**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | 0.72   |           | 0.50 | ug/L |   |          | 09/11/24 18:47 | 1       |
| Copper  | 26     |           | 1.0  | ug/L |   |          | 09/11/24 18:47 | 1       |

**Client Sample ID: 105L-DF-02**

Date Collected: 09/05/24 06:55

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-9**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | 0.65   |           | 0.50 | ug/L |   |          | 09/11/24 18:50 | 1       |
| Copper  | 25     |           | 1.0  | ug/L |   |          | 09/11/24 18:50 | 1       |

**Client Sample ID: 105L-SK-03**

Date Collected: 09/05/24 07:02

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-10**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | 0.72   |           | 0.50 | ug/L |   |          | 09/11/24 18:52 | 1       |
| Copper  | 28     |           | 1.0  | ug/L |   |          | 09/11/24 18:52 | 1       |

**Client Sample ID: 106-DF-01**

Date Collected: 09/05/24 10:30

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-11**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | 0.54   |           | 0.50 | ug/L |   |          | 09/11/24 18:55 | 1       |
| Copper  | 69     |           | 1.0  | ug/L |   |          | 09/11/24 18:55 | 1       |

**Client Sample ID: 106--SK-02**

Date Collected: 09/05/24 10:32

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-12**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | <0.50  |           | 0.50 | ug/L |   |          | 09/11/24 18:58 | 1       |
| Copper  | 4.1    |           | 1.0  | ug/L |   |          | 09/11/24 18:58 | 1       |

# Client Sample Results

Client: Burns & McDonnell  
Project/Site: Burns & McDonnell

Job ID: 810-119269-1

**Client Sample ID: 106-SK-03**

Date Collected: 09/05/24 10:32

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-13**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | <0.50  |           | 0.50 | ug/L |   |          | 09/11/24 19:01 | 1       |
| Copper  | 4.2    |           | 1.0  | ug/L |   |          | 09/11/24 19:01 | 1       |

**Client Sample ID: 105-DF-01**

Date Collected: 09/06/24 06:10

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-14**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | <0.50  |           | 0.50 | ug/L |   |          | 09/11/24 19:14 | 1       |
| Copper  | 13     |           | 1.0  | ug/L |   |          | 09/11/24 19:14 | 1       |

**Client Sample ID: 105-DF-02**

Date Collected: 09/06/24 06:11

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-15**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | 0.90   |           | 0.50 | ug/L |   |          | 09/11/24 19:17 | 1       |
| Copper  | 37     |           | 1.0  | ug/L |   |          | 09/11/24 19:17 | 1       |

**Client Sample ID: 105-SK-03**

Date Collected: 09/06/24 06:20

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-16**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | <0.50  |           | 0.50 | ug/L |   |          | 09/11/24 19:20 | 1       |
| Copper  | 63     |           | 1.0  | ug/L |   |          | 09/11/24 19:20 | 1       |

**Client Sample ID: 105-DF-04**

Date Collected: 09/06/24 06:28

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-17**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | <0.50  |           | 0.50 | ug/L |   |          | 09/11/24 19:28 | 1       |
| Copper  | 84     |           | 1.0  | ug/L |   |          | 09/11/24 19:28 | 1       |

**Client Sample ID: 105-DF-05**

Date Collected: 09/06/24 06:28

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-18**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | <0.50  |           | 0.50 | ug/L |   |          | 09/11/24 19:31 | 1       |
| Copper  | 43     |           | 1.0  | ug/L |   |          | 09/11/24 19:31 | 1       |

# Client Sample Results

Client: Burns & McDonnell  
Project/Site: Burns & McDonnell

Job ID: 810-119269-1

**Client Sample ID: 105-DF-06**

Date Collected: 09/06/24 06:28

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-19**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | <0.50  |           | 0.50 | ug/L |   |          | 09/11/24 19:33 | 1       |
| Copper  | 39     |           | 1.0  | ug/L |   |          | 09/11/24 19:33 | 1       |

**Client Sample ID: 105-SK-07**

Date Collected: 09/06/24 06:33

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-20**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | 1.1    |           | 0.50 | ug/L |   |          | 09/11/24 19:36 | 1       |
| Copper  | 16     |           | 1.0  | ug/L |   |          | 09/11/24 19:36 | 1       |

**Client Sample ID: 105-SK-08**

Date Collected: 09/06/24 06:34

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-21**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | <0.50  |           | 0.50 | ug/L |   |          | 09/11/24 19:39 | 1       |
| Copper  | 16     |           | 1.0  | ug/L |   |          | 09/11/24 19:39 | 1       |

**Client Sample ID: 105-SK-09**

Date Collected: 09/06/24 06:38

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-22**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | <0.50  |           | 0.50 | ug/L |   |          | 09/11/24 19:42 | 1       |
| Copper  | 11     |           | 1.0  | ug/L |   |          | 09/11/24 19:42 | 1       |

**Client Sample ID: 105-DF-10**

Date Collected: 09/06/24 06:44

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-23**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | 1.2    |           | 0.50 | ug/L |   |          | 09/11/24 19:44 | 1       |
| Copper  | 65     |           | 1.0  | ug/L |   |          | 09/11/24 19:44 | 1       |

**Client Sample ID: 105-DF-11**

Date Collected: 09/06/24 06:45

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-24**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | 1.3    |           | 0.50 | ug/L |   |          | 09/11/24 19:53 | 1       |
| Copper  | 49     |           | 1.0  | ug/L |   |          | 09/11/24 19:53 | 1       |

# Client Sample Results

Client: Burns & McDonnell  
Project/Site: Burns & McDonnell

Job ID: 810-119269-1

**Client Sample ID: 105-SK-12**

Date Collected: 09/06/24 06:55

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-25**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | <0.50  |           | 0.50 | ug/L |   |          | 09/11/24 19:55 | 1       |
| Copper  | 46     |           | 1.0  | ug/L |   |          | 09/11/24 19:55 | 1       |

**Client Sample ID: 105-SK-13**

Date Collected: 09/06/24 06:55

Date Received: 09/09/24 10:00

**Lab Sample ID: 810-119269-26**

Matrix: Drinking Water

**Method: EPA 200.8 - Metals (ICP/MS)**

| Analyte | Result | Qualifier | RL   | Unit | D | Prepared | Analyzed       | Dil Fac |
|---------|--------|-----------|------|------|---|----------|----------------|---------|
| Lead    | <0.50  |           | 0.50 | ug/L |   |          | 09/11/24 19:58 | 1       |
| Copper  | 42     |           | 1.0  | ug/L |   |          | 09/11/24 19:58 | 1       |



# Lab Chronicle

Client: Burns & McDonnell  
Project/Site: Burns & McDonnell

Job ID: 810-119269-1

**Client Sample ID: 107-DF-01**

**Date Collected: 09/05/24 06:10**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-1**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 18:17       |

**Client Sample ID: 107-SK-02**

**Date Collected: 09/05/24 06:15**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-2**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 18:20       |

**Client Sample ID: 107-SK-03**

**Date Collected: 09/05/24 06:15**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-3**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 18:22       |

**Client Sample ID: 107-SK-04**

**Date Collected: 09/05/24 06:20**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-4**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 18:30       |

**Client Sample ID: 110-SK-01**

**Date Collected: 09/05/24 06:32**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-5**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 18:33       |

**Client Sample ID: 110-SK-02**

**Date Collected: 09/05/24 06:32**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-6**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 18:41       |

**Client Sample ID: 110-SK-03**

**Date Collected: 09/05/24 06:40**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-7**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 18:44       |

# Lab Chronicle

Client: Burns & McDonnell  
Project/Site: Burns & McDonnell

Job ID: 810-119269-1

**Client Sample ID: 105L-DF-01**

**Date Collected: 09/05/24 06:55**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-8**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 18:47       |

**Client Sample ID: 105L-DF-02**

**Date Collected: 09/05/24 06:55**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-9**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 18:50       |

**Client Sample ID: 105L-SK-03**

**Date Collected: 09/05/24 07:02**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-10**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 18:52       |

**Client Sample ID: 106-DF-01**

**Date Collected: 09/05/24 10:30**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-11**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 18:55       |

**Client Sample ID: 106--SK-02**

**Date Collected: 09/05/24 10:32**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-12**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 18:58       |

**Client Sample ID: 106-SK-03**

**Date Collected: 09/05/24 10:32**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-13**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 19:01       |

**Client Sample ID: 105-DF-01**

**Date Collected: 09/06/24 06:10**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-14**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 19:14       |

# Lab Chronicle

Client: Burns & McDonnell  
Project/Site: Burns & McDonnell

Job ID: 810-119269-1

**Client Sample ID: 105-DF-02**

**Date Collected: 09/06/24 06:11**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-15**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 19:17       |

**Client Sample ID: 105-SK-03**

**Date Collected: 09/06/24 06:20**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-16**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 19:20       |

**Client Sample ID: 105-DF-04**

**Date Collected: 09/06/24 06:28**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-17**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 19:28       |

**Client Sample ID: 105-DF-05**

**Date Collected: 09/06/24 06:28**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-18**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 19:31       |

**Client Sample ID: 105-DF-06**

**Date Collected: 09/06/24 06:28**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-19**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 19:33       |

**Client Sample ID: 105-SK-07**

**Date Collected: 09/06/24 06:33**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-20**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 19:36       |

**Client Sample ID: 105-SK-08**

**Date Collected: 09/06/24 06:34**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-21**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 19:39       |

# Lab Chronicle

Client: Burns & McDonnell  
Project/Site: Burns & McDonnell

Job ID: 810-119269-1

**Client Sample ID: 105-SK-09**

**Date Collected: 09/06/24 06:38**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-22**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 19:42       |

**Client Sample ID: 105-DF-10**

**Date Collected: 09/06/24 06:44**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-23**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 19:44       |

**Client Sample ID: 105-DF-11**

**Date Collected: 09/06/24 06:45**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-24**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 19:53       |

**Client Sample ID: 105-SK-12**

**Date Collected: 09/06/24 06:55**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-25**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 19:55       |

**Client Sample ID: 105-SK-13**

**Date Collected: 09/06/24 06:55**

**Date Received: 09/09/24 10:00**

**Lab Sample ID: 810-119269-26**

**Matrix: Drinking Water**

| Prep Type | Batch Type | Batch Method | Run | Dilution Factor | Batch Number | Analyst | Lab   | Prepared or Analyzed |
|-----------|------------|--------------|-----|-----------------|--------------|---------|-------|----------------------|
| Total/NA  | Analysis   | 200.8        |     | 1               | 114419       | CA      | EA SB | 09/11/24 19:58       |

**Laboratory References:**

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777

# Accreditation/Certification Summary

Client: Burns & McDonnell  
Project/Site: Burns & McDonnell

Job ID: 810-119269-1

## Laboratory: Eurofins Eaton Analytical South Bend

The accreditations/certifications listed below are applicable to this report.

| Authority | Program | Identification Number | Expiration Date |
|-----------|---------|-----------------------|-----------------|
| Missouri  | State   | 880                   | 09-30-27        |

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11

# Method Summary

Client: Burns & McDonnell  
Project/Site: Burns & McDonnell

Job ID: 810-119269-1

---

| Method | Method Description | Protocol | Laboratory |
|--------|--------------------|----------|------------|
| 200.8  | Metals (ICP/MS)    | EPA      | EA SB      |

---

**Protocol References:**

EPA = US Environmental Protection Agency

**Laboratory References:**

EA SB = Eurofins Eaton Analytical South Bend, 110 S Hill Street, South Bend, IN 46617, TEL (574)233-4777



# Sample Summary

Client: Burns & McDonnell  
Project/Site: Burns & McDonnell

Job ID: 810-119269-1

| Lab Sample ID | Client Sample ID | Matrix         | Collected      | Received       |
|---------------|------------------|----------------|----------------|----------------|
| 810-119269-1  | 107-DF-01        | Drinking Water | 09/05/24 06:10 | 09/09/24 10:00 |
| 810-119269-2  | 107-SK-02        | Drinking Water | 09/05/24 06:15 | 09/09/24 10:00 |
| 810-119269-3  | 107-SK-03        | Drinking Water | 09/05/24 06:15 | 09/09/24 10:00 |
| 810-119269-4  | 107-SK-04        | Drinking Water | 09/05/24 06:20 | 09/09/24 10:00 |
| 810-119269-5  | 110-SK-01        | Drinking Water | 09/05/24 06:32 | 09/09/24 10:00 |
| 810-119269-6  | 110-SK-02        | Drinking Water | 09/05/24 06:32 | 09/09/24 10:00 |
| 810-119269-7  | 110-SK-03        | Drinking Water | 09/05/24 06:40 | 09/09/24 10:00 |
| 810-119269-8  | 105L-DF-01       | Drinking Water | 09/05/24 06:55 | 09/09/24 10:00 |
| 810-119269-9  | 105L-DF-02       | Drinking Water | 09/05/24 06:55 | 09/09/24 10:00 |
| 810-119269-10 | 105L-SK-03       | Drinking Water | 09/05/24 07:02 | 09/09/24 10:00 |
| 810-119269-11 | 106-DF-01        | Drinking Water | 09/05/24 10:30 | 09/09/24 10:00 |
| 810-119269-12 | 106--SK-02       | Drinking Water | 09/05/24 10:32 | 09/09/24 10:00 |
| 810-119269-13 | 106-SK-03        | Drinking Water | 09/05/24 10:32 | 09/09/24 10:00 |
| 810-119269-14 | 105-DF-01        | Drinking Water | 09/06/24 06:10 | 09/09/24 10:00 |
| 810-119269-15 | 105-DF-02        | Drinking Water | 09/06/24 06:11 | 09/09/24 10:00 |
| 810-119269-16 | 105-SK-03        | Drinking Water | 09/06/24 06:20 | 09/09/24 10:00 |
| 810-119269-17 | 105-DF-04        | Drinking Water | 09/06/24 06:28 | 09/09/24 10:00 |
| 810-119269-18 | 105-DF-05        | Drinking Water | 09/06/24 06:28 | 09/09/24 10:00 |
| 810-119269-19 | 105-DF-06        | Drinking Water | 09/06/24 06:28 | 09/09/24 10:00 |
| 810-119269-20 | 105-SK-07        | Drinking Water | 09/06/24 06:33 | 09/09/24 10:00 |
| 810-119269-21 | 105-SK-08        | Drinking Water | 09/06/24 06:34 | 09/09/24 10:00 |
| 810-119269-22 | 105-SK-09        | Drinking Water | 09/06/24 06:38 | 09/09/24 10:00 |
| 810-119269-23 | 105-DF-10        | Drinking Water | 09/06/24 06:44 | 09/09/24 10:00 |
| 810-119269-24 | 105-DF-11        | Drinking Water | 09/06/24 06:45 | 09/09/24 10:00 |
| 810-119269-25 | 105-SK-12        | Drinking Water | 09/06/24 06:55 | 09/09/24 10:00 |
| 810-119269-26 | 105-SK-13        | Drinking Water | 09/06/24 06:55 | 09/09/24 10:00 |



Eaton Analytical

810-119269 COC



110 S. Hill Street  
South Bend, IN 46617  
T: 1.800.332.4345  
F: 1.574.233.8207

Order #  
Batch #

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CHAIN OF CUSTODY RECORD

Page 1 of 2

REPORT TO: *edpulis@brianswald.com*

SAMPLER (Signature)

PWS ID #

STATE (sample origin)

PROJECT NAME

PO#

# OF CONTAINERS

4400 Ward Parkway  
Kansas City, MO 64114

COMPLIANCE MONITORING

POPULATION SERVED

SOURCE WATER

SAMPLE REMARKS

CHLORINATED

MATRIX CODE

BILL TO: *same*

Yes No

N/A

Municipal

GFC

121244

LAB Number

COLLECTION

SAMPLING SITE

TEST NAME

SAMPLE REMARKS

CHLORINATED

TURNAROUND TIME

| LAB Number | DATE   |            | RECEIVED BY (Signature) | DATE   | TIME | LAB COMMENTS   |
|------------|--------|------------|-------------------------|--------|------|----------------|
|            | TIME   | AM   PM    |                         |        |      |                |
| 1          | 9-5-24 | 610        | <i>[Signature]</i>      | 9/9/24 | 1000 | <i>Ambient</i> |
| 2          | 615    | 107-SK-02  | <i>[Signature]</i>      |        |      |                |
| 3          | 615    | 107-SK-03  | <i>[Signature]</i>      |        |      |                |
| 4          | 620    | 107-SK-04  | <i>[Signature]</i>      |        |      |                |
| 5          | 632    | 110-SK-01  | <i>[Signature]</i>      |        |      |                |
| 6          | 632    | 110-SK-02  | <i>[Signature]</i>      |        |      |                |
| 7          | 640    | 110-SK-03  | <i>[Signature]</i>      |        |      |                |
| 8          | 655    | 105L-DF-01 | <i>[Signature]</i>      |        |      |                |
| 9          | 655    | 105L-DF-02 | <i>[Signature]</i>      |        |      |                |
| 10         | 762    | 105L-SK-03 | <i>[Signature]</i>      |        |      |                |
| 11         | 1030   | 106-DF-01  | <i>[Signature]</i>      |        |      |                |
| 12         | 1032   | 106-SK-02  | <i>[Signature]</i>      |        |      |                |
| 13         | 1032   | 106-SK-03  | <i>[Signature]</i>      |        |      |                |
| 14         |        |            |                         |        |      |                |

REINQUISHED BY (Signature)

DATE

RECEIVED BY (Signature)

DATE

LAB COMMENTS

REINQUISHED BY (Signature)

DATE

RECEIVED BY (Signature)

DATE

REINQUISHED BY (Signature)

DATE

RECEIVED FOR LABORATORY BY:

DATE

CONDITIONS UPON RECEIPT (check one):

MATRIX CODES:

TURN-AROUND TIME (TAT) - SURCHARGES

100%  
125%  
CALL

- DW-DRINKING WATER
- RW-REAGENT WATER
- GW-GROUND WATER
- FW-EXPOSURE WATER
- SW-SURFACE WATER
- PM-POOL WATER
- WW-WASTE WATER

- SW = Standard Written (15 working days) 0%
- RW = Rush Verbal (3 working days) 50%
- FW = Rush Written (3 working days) 75%

- IV = Immediate Verbal (3 working days) 100%
- IW = Immediate Written (3 working days) 125%
- SP = Weekend, Holiday
- STAT = Less than 48 hours

*Samples received unannounced with less than 48 hours holding time remaining may be subject to additional charges.*

Sample analysis will be provided according to the standard EEA Water Services Terms, which are available upon request. Any other terms proposed by Customer are deemed material alterations and are rejected unless expressly agreed to in writing by EEA

06-LO-F0A35 Issue 6.0 Effective Date: 2016-09-20





Eaton Analytical

110 S. Hill Street  
South Bend, IN 46617  
T: 1.800.332.4345  
F: 1.574.233.8207

Order # \_\_\_\_\_  
Batch # \_\_\_\_\_

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CHAIN OF CUSTODY RECORD

Page 2 of 2

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REPORT TO edp@eaton.com

SAMPLER (Signature)

PWS ID #

STATE (sample origin)

PROJECT NAME

PO#

# OF CONTAINERS

4700 Ward Parkway  
Kansas City, MO 64114

[Redacted]

MO

Municipal

6FL

121214

[Redacted]

BILL TO Same

COMPLIANCE MONITORING

Yes No

POPULATION SERVED

SOURCE WATER

TEST NAME

CHLORINATED

MATRIX CODE

LAB Number

COLLECTION

SAMPLING SITE

TEST NAME

SAMPLE REMARKS

YES NO

TURNAROUND TIME

| LAB Number | COLLECTION |      | SAMPLING SITE | TEST NAME     | SAMPLE REMARKS | CHLORINATED |    | # OF CONTAINERS | MATRIX CODE | TURNAROUND TIME |
|------------|------------|------|---------------|---------------|----------------|-------------|----|-----------------|-------------|-----------------|
|            | DATE       | TIME |               |               |                | YES         | NO |                 |             |                 |
| 1          | 9-6-24     | 6:10 | 105-DF-01     | Lead + Copper |                | X           |    |                 | SW          |                 |
| 2          | 10/11      | 1    | 105-DF-02     |               |                |             |    |                 |             |                 |
| 3          | 6/20       | 1    | 105-SK-03     |               |                |             |    |                 |             |                 |
| 4          | 6/28       | 1    | 105-DF-04     |               |                |             |    |                 |             |                 |
| 5          | 6/28       | 1    | 105-DF-05     |               |                |             |    |                 |             |                 |
| 6          | 6/28       | 1    | 105-DF-06     |               |                |             |    |                 |             |                 |
| 7          | 6/33       | 1    | 105-SE-07     |               |                |             |    |                 |             |                 |
| 8          | 6/34       | 1    | 105-SK-08     |               |                |             |    |                 |             |                 |
| 9          | 6/38       | 1    | 105-SK-09     |               |                |             |    |                 |             |                 |
| 10         | 6/44       | 1    | 105-DF-10     |               |                |             |    |                 |             |                 |
| 11         | 6/45       | 1    | 105-DF-11     |               |                |             |    |                 |             |                 |
| 12         | 6/55       | 1    | 105-SK-12     |               |                |             |    |                 |             |                 |
| 13         | 6/55       | 1    | 105-SK-13     |               |                |             |    |                 |             |                 |
| 14         |            |      |               |               |                |             |    |                 |             |                 |

REINQUISHED BY: (Signature)

DATE

TIME

LAB COMMENTS

LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT

REINQUISHED BY: (Signature)

DATE

TIME

RECEIVED BY: (Signature)

DATE

TIME

LAB COMMENTS

REINQUISHED BY: (Signature)

DATE

TIME

RECEIVED FOR LABORATORY BY:

DATE

TIME

CONDITIONS UPON RECEIPT (check one):

Iced/ Wet/Blue

Ambient

°C Upon Receipt

N/A

MATRIX CODES:

OW- DRINKING WATER  
RW- REAGENT WATER  
GW- GROUND WATER  
FW- EXPOSURE WATER  
SW- SURFACE WATER  
PW- POOL WATER  
WW- WASTE WATER

TURN-AROUND TIME (TAT) - SURCHARGES

SW = Standard Written (15 working days) 0%  
RW = Rush Verbal (5 working days) 50%  
FW = Rush Written (5 working days) 75%

IV = Immediate Verbal (3 working days) 100%  
IW = Immediate Written (3 working days) 125%  
SP = Weekend, Holiday CALL  
STAT = Less than 48 hours CALL

\* Please call, expedited service not available for all testing

Samples received unannounced with less than 48 hours holding time remaining may be subject to additional charges.

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Sample analysis will be provided according to the standard EEA Water Services Terms, which are available upon request. Any other terms proposed by Customer are deemed material alterations and are rejected unless expressly agreed to in writing by EEA

# Login Sample Receipt Checklist

Client: Burns & McDonnell

Job Number: 810-119269-1

**Login Number: 119269**

**List Number: 1**

**Creator: Moffitt, Heather**

**List Source: Eurofins Eaton Analytical South Bend**

| <b>Question</b>  | <b>Answer</b> | <b>Comment</b>                      |
|--|---------------|-------------------------------------|
| The cooler's custody seal, if present, is intact.                                | True          |                                     |
| Sample custody seals, if present, are intact.                                    | True          |                                     |
| Samples were received on ice.  | False         | Refer to Job Narrative for details. |
| Cooler Temperature is acceptable.  | True          |                                     |
| Cooler Temperature is recorded.  | True          |                                     |
| COC is present.  | True          |                                     |
| COC is filled out in ink and legible.  | True          |                                     |
| COC is filled out with all pertinent information.                                | True          |                                     |
| There are no discrepancies between the containers received and the COC.          | True          |                                     |
| Samples are received within Holding Time (excluding tests with immediate HTs)    | True          |                                     |
| Sample containers have legible labels.   | True          |                                     |
| Containers are not broken or leaking.  | True          |                                     |
| Sample collection date/times are provided.                                       | True          |                                     |
| There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs | True          |                                     |
| Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").  | True          |                                     |
| Samples do not require splitting or compositing.                                 | True          |                                     |
| Container provided by EEA  | True          |                                     |