



OCCU-TEC

601 NW Hancock Park Lane  
Kearnside, MO 64110  
Telephone: 816.231.5530  
Fax: 816.251.5033  
www.occutec.com

August 2, 2017

Joshua L. Trader  
Project Manager | Design & Construction Division  
U.S. General Services Administration  
2300 Main Street, Kansas City, MO 64108

**RE: Goodfellow Federal Center – Bldg. # 105 Drinking Water Sampling  
Project # 917004.002**

Dear Mr. Trader:

Thank you for the opportunity to provide the General Services Administration (GSA) with the subject assessment. The following is our report.

## **INTRODUCTION**

As requested, OCCU-TEC conducted drinking water testing for the presence of lead and copper at Building #105 of the Goodfellow Federal Center located at 4300 Goodfellow Federal Center in St. Louis, Missouri. Sampling was completed in response to the ongoing environmental condition assessment at the Goodfellow Federal Center complex which is documented at the Goodfellow Federal Center Reading Room located at <https://www.gsa.gov/portal/content/212361>.

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 #105 was conducted on June 26, 2017 by Mr. Justin Arnold 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. 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 forty (40) distinct locations within Building #105. After each drinking water sample was collected, OCCU-TEC filled a separate sample cup with approximately 2 inches of water. OCCU-TEC placed an Oakton model PHTester30 pH meter into the sample cup. After readings stabilized, OCCU-TEC recorded the 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 tables below.

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

### Water Sample Summary

Analysis	Lowest Concentration	Highest Concentration	ACTION LEVEL*
Lead	< 0.001 mg/L	0.04 mg/L	0.015 mg/L
Copper	0.019 mg/L	0.17 mg/L	1.3 mg/L

\*As per EPA Lead and Copper Rule (40 CFR Part 141 Subpart I)

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

## *LEAD*

Two (2) lead samples collected from building 105 contained concentrations of lead above the Action Level. First draw samples with elevated lead levels are most likely a result of lead in the fixture itself. Further testing might indicate if additional lead sources are within the system.

## *COPPER*

All samples for copper contained concentrations below the AL.

## *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 #105 ranged from 9.35 to 9.84 indicating the drinking water is slightly alkaline.

## **LIMITATIONS**

The scope of this assessment was limited in nature. OCCU-TEC collected samples from a select number of drinking water sources in an effort to provide 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. OCCU-TEC is not responsible for potential contaminants not identified in this report.

This report was prepared for the sole use of GSA. Reliance by any party other than GSA is expressly forbidden without OCCU-TEC's written permission. Any parties relying on the report, with OCCU-TEC's written permission, are bound by the terms and conditions outlined in the original proposal as if said proposal was prepared for them.

OCCU-TEC appreciates the opportunity to work with the General Services Administration 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)

Jeff T. Smith  
Senior Project Manager

(b) (6)

Kevin Heriford  
Project Manager (QA/QC)

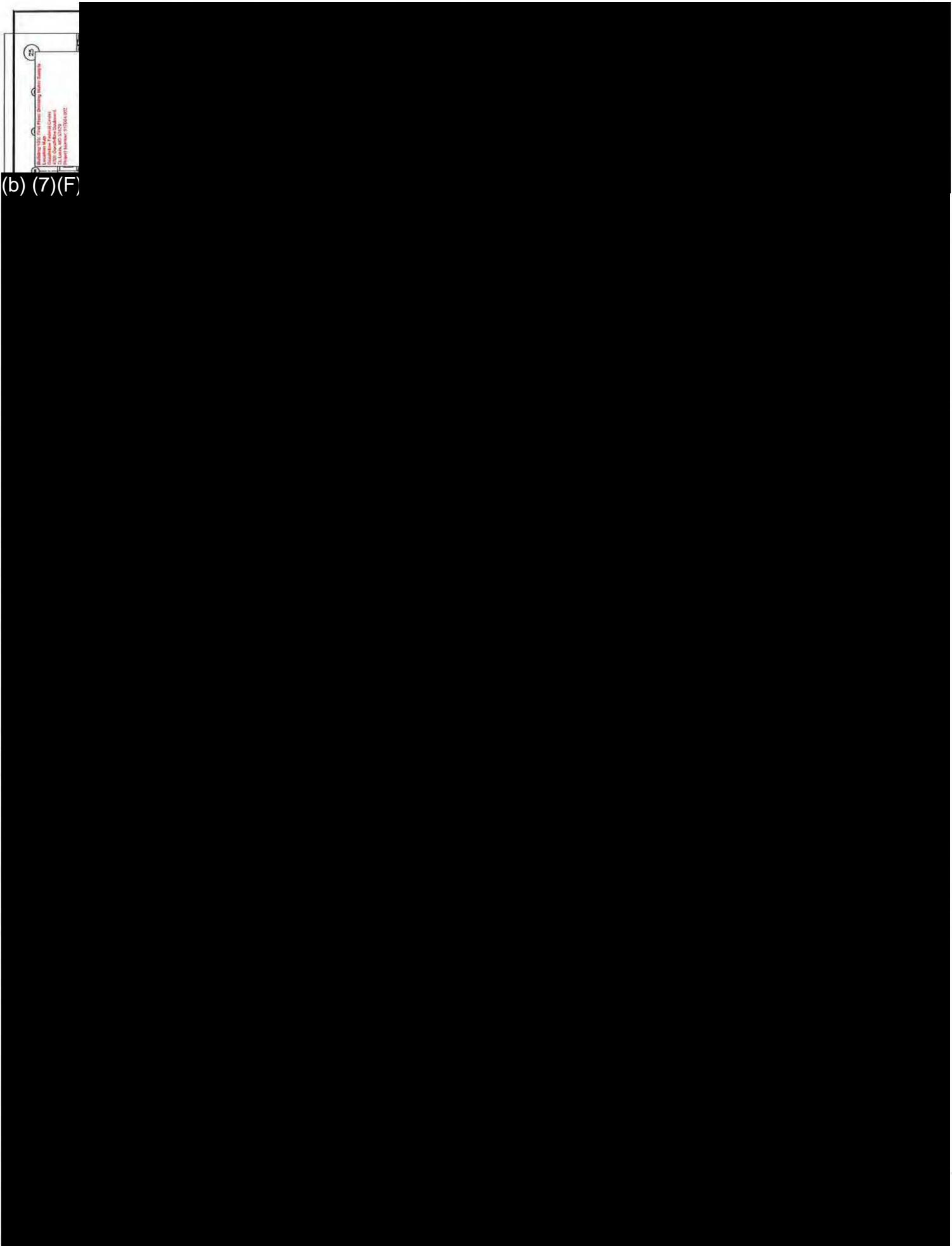
**ATTACHMENTS**

Appendix A, Water Sample Location Diagrams  
Appendix B, Results Summary by Location  
Appendix C, Water Sample Laboratory Report

## Appendix A

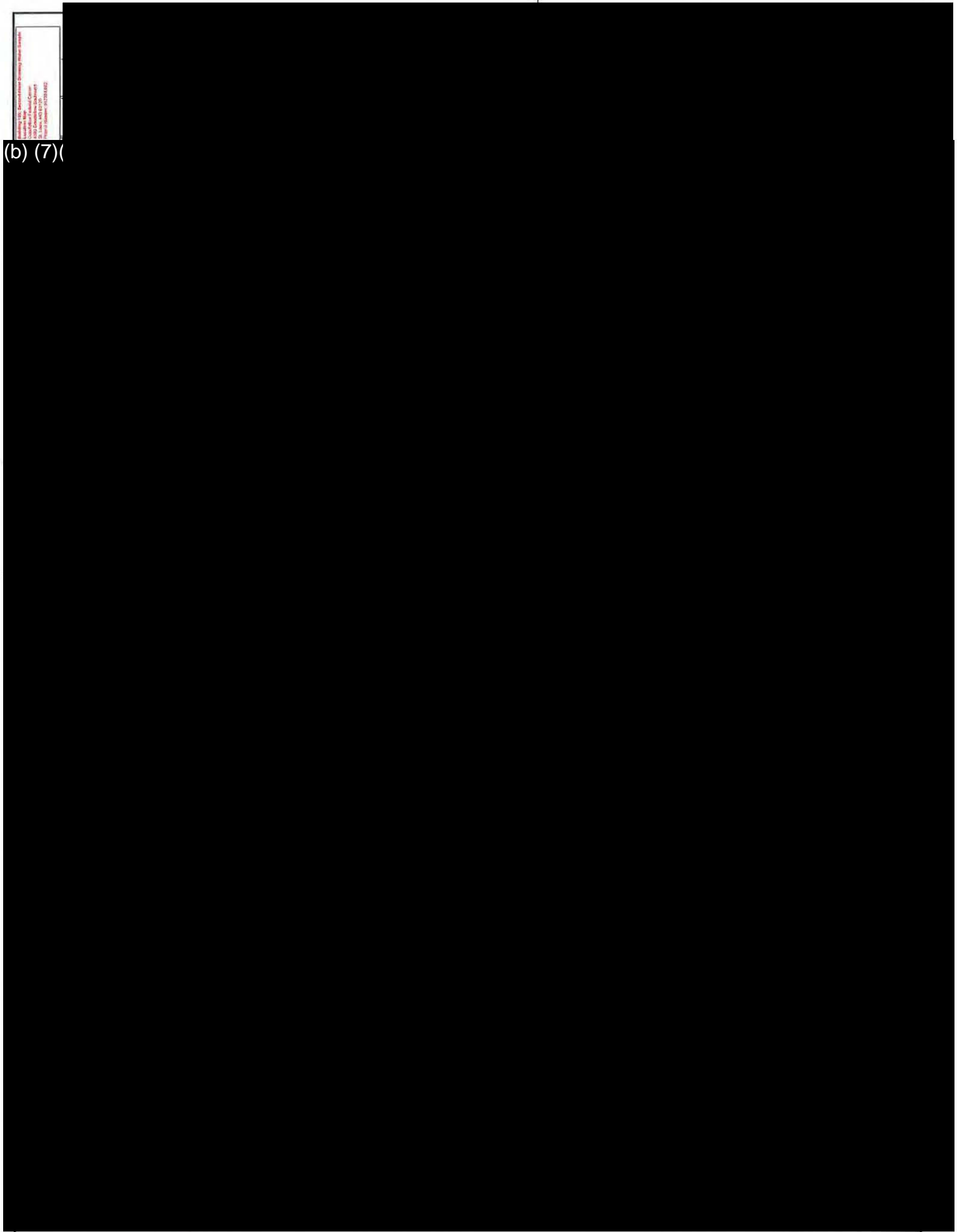
### Water Sample Location Diagrams

(b) (7)(F)



Copyright © 2007 by Pearson Education, Inc. All rights reserved. Printed in the United States of America. This publication is protected by copyright. Any unauthorized use, distribution, or reproduction in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without permission in writing from Pearson Education, Inc., is prohibited. For more information, contact Pearson Education, Inc., 501 Boylston Street, Boston, MA 02116.

(b) (7)(C)



**Appendix B**  
**Results Summary by Location**



Goodfellow Federal Center - Building 105									
Sample Number	Location	Water Source	Temperature	pH	Analyte	Result	Units	Above/Below	AL
105-01	First floor, Column H-48	Sink	22.1	9.46	Copper	0.14	mg/L	Below AL	1.3
					Lead	0.0035	mg/L	Below AL	0.015
105-02	First Floor, Column G-51, Sink in the middle of the Room	Sink	24	9.45	Copper	0.04	mg/L	Below AL	1.3
					Lead	0.0011	mg/L	Below AL	0.015
105-02DUP	First floor, Column G-51, Sink in the middle of the Room - Duplicate	Sink	24	9.45	Copper	0.045	mg/L	Below AL	1.3
					Lead	0.0015	mg/L	Below AL	0.015
105-03	Second floor column E0.5-51 Sink South Wall	Sink	23.2	9.5	Copper	0.058	mg/L	Below AL	1.3
					Lead	0.0032	mg/L	Below AL	0.015
105-04	Second floor column E0.5-50.5 Sink in Center	Sink	22.7	9.47	Copper	0.043	mg/L	Below AL	1.3
					Lead	0.0015	mg/L	Below AL	0.015
105-05	Second floor E0.5 - 49 Sink on south wall	Sink	22.6	9.35	Copper	0.11	mg/L	Below AL	1.3
					Lead	0.01	mg/L	Above AL	0.015
105-06	Second floor F-48 Sink on East wall	Sink	22.3	9.37	Copper	0.066	mg/L	Below AL	1.3
					Lead	0.0058	mg/L	Below AL	0.015
105-07	Second floor F0.5-47.5	Sink	22.6	9.63	Copper	0.036	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-08	Second floor E47	Sink	22.6	9.56	Copper	0.041	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-09	Second floor E-46 sink on the south	Sink	22.4	9.49	Copper	0.046	mg/L	Below AL	1.3
					Lead	0.035	mg/L	Above AL	0.015
105-10	Second floor E-44 sink on the NE wall	Sink	22.6	9.75	Copper	0.034	mg/L	Below AL	1.3
					Lead	0.0015	mg/L	Below AL	0.015
105-11	Second floor G-46 Sink on west wall	Sink	22.5	9.7	Copper	0.02	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-12	Second floor J-48 sink on west wall	Sink	22.7	9.65	Copper	0.045	mg/L	Below AL	1.3
					Lead	0.0057	mg/L	Below AL	0.015
105-13	Second floor H-44 sink on northeast wall	Sink	22.2	9.58	Copper	0.04	mg/L	Below AL	1.3
					Lead	0.0056	mg/L	Below AL	0.015
105-14	Second floor F0.5-42.5 sink in center	Sink	22.8	9.41	Copper	0.04	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-15	Second floor E-43 sink on southwest wall	Sink	22.4	9.65	Copper	0.063	mg/L	Below AL	1.3
					Lead	0.0043	mg/L	Below AL	0.015
105-16	Second floor C0.5-46.5 Sink	Sink	22.4	9.36	Copper	0.059	mg/L	Below AL	1.3
					Lead	0.01	mg/L	Below AL	0.015
105-17	Second floor C-47	Sink	22.3	9.51	Copper	0.033	mg/L	Below AL	1.3
					Lead	0.0011	mg/L	Below AL	0.015
105-18	Second floor C-48	Sink	22.4	9.38	Copper	0.098	mg/L	Below AL	1.3
					Lead	0.013	mg/L	Below AL	0.015
105-19	Second floor B0.5-50.5	Sink	22.7	9.42	Copper	0.13	mg/L	Below AL	1.3
					Lead	0.0048	mg/L	Below AL	0.015
105-20	Second floor C0.5-50.5	Sink	23.3	9.42	Copper	0.033	mg/L	Below AL	1.3
					Lead	0.0063	mg/L	Below AL	0.015
105-21	Second floor F-41	Sink	22.7	9.42	Copper	0.035	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-22	Second floor E-41	Sink	22.9	9.41	Copper	0.049	mg/L	Below AL	1.3
					Lead	0.0012	mg/L	Below AL	0.015
105-23	Second floor B-44 left fountain	Drinking Fountain	20.4	9.77	Copper	0.024	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-24	First floor H-51.5	Drinking Fountain	22.4	9.65	Copper	0.019	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-24DUP	First floor H-51.5 Duplicate	Drinking Fountain	22.4	9.65	Copper	0.019	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-25	First floor A-46.5	Sink	21.6	9.35	Copper	0.17	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-26	First floor A-48	Sink	21.5	9.47	Copper	0.057	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-27	First floor A-43.5 Halsey Taylor left fountain	Drinking Fountain	21.7	9.44	Copper	0.059	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-28	First floor B-30.5 Halsey Taylor right fountain	Drinking Fountain	21.8	9.68	Copper	0.043	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-29	First floor B-20.5	Sink	22.9	9.79	Copper	0.023	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-29DUP	First floor B-20.5 Duplicate	Sink	22.9	9.79	Copper	0.022	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-30	First floor B-18.5 Halsey Taylor left fountain	Drinking Fountain	19.8	9.84	Copper	0.019	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-31	First floor B-9.5	Sink	22.3	9.33	Copper	0.075	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-32	First floor B-6 Halsey Taylor left fountain	Drinking Fountain	21	9.7	Copper	0.047	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-33	Second floor H-9 Halsey Taylor left fountain	Drinking Fountain	19.8	9.51	Copper	0.022	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-34	Second floor A-18	Sink	20.8	9.71	Copper	0.01	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-35	Second floor G-26 Halsey Taylor right fountain	Sink	18.8	9.81	Copper	0.033	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-36	Second floor G-26 Halsey Taylor left fountain	Sink	20.1	9.75	Copper	0.045	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-37	Second floor A-30	Sink	20.2	9.71	Copper	0.015	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-38	Second floor B-31 Halsey Taylor left fountain	Drinking Fountain	19.8	9.73	Copper	0.022	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-39	First floor A-46 sink on north wall	Sink	19.6	9.58	Copper	0.042	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015
105-40	First floor A-46 sink on east wall	Sink	20.3	9.6	Copper	0.047	mg/L	Below AL	1.3
					Lead	< 0.001	mg/L	Below AL	0.015

Highlight indicates results at or above the AL

## Appendix C

### Water Sample Laboratory Report

## LABORATORY REPORT

If you have any questions concerning this report, please do not hesitate to call us at (800) 332-4345 or (574) 233-4777.

*This report may not be reproduced, except in full, without written approval from EEA.*

### STATE CERTIFICATION LIST

State	Certification	State	Certification
Alabama	40700	Montana	CERT0026
Alaska	IN00035	Nebraska	NE-OS-05-04
Arizona	AZ0432	Nevada	IN00035
Arkansas	IN00035	New Hampshire*	2124
California	2920	New Jersey*	IN598
Colorado	IN035	New Mexico	IN00035
Colorado Radiochemistry	IN035	New York*	11398
Connecticut	PH-0132	North Carolina	18700
Delaware	IN035	North Dakota	R-035
Florida*	E87775	Ohio	87775
Georgia	929	Oklahoma	D9508
Hawaii	IN035	Oregon (Primary AB)*	4074-001
Idaho	IN00035	Pennsylvania*	68-00466
Illinois*	200001	Puerto Rico	IN00035
Illinois Microbiology	17767	Rhode Island	LAO00343
Indiana Chemistry	C-71-01	South Carolina	95005
Indiana Microbiology	M-76-07	South Dakota	IN00035
Iowa	098	Tennessee	TN02973
Kansas*	E-10233	Texas*	T104704187-15-8
Kentucky	90056	Texas/TCEQ	TX207
Louisiana*	LA170006	Utah*	IN00035
Maine	IN00035	Vermont	VT-8775
Maryland	209	Virginia*	460275
Massachusetts	M-IN035	Washington	C837
Michigan	9926	West Virginia	9927 C
Minnesota*	018-999-338	Wisconsin	999766900
Mississippi	IN035	Wyoming	IN035
Missouri	880		

\*NELAP/TNI Recognized Accreditation Bodies



Eaton Analytical

110 South Hill Street  
South Bend, IN 46617  
Tel: (574) 233-4777  
Fax: (574) 233-8207  
1 800 332 4345

### Laboratory Report

Client: OCCU-TEC Inc.  
Attn: Kevin Heriford  
100 NW Business Park Lane  
Riverside, MO 64150

Report: 391483  
Priority: Standard Written  
Status: Final  
PWS ID: Not Supplied

#### Sample Information

EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
3720399	105-01 Sink Column H48	200.8	06/22/17 04:06	Client	06/26/17 09:45
3720400	105-02 Sink Column G51	200.8	06/22/17 04:10	Client	06/26/17 09:45
3720401	105-02-Dupe Sink Column G51	200.8	06/22/17 04:10	Client	06/26/17 09:45
3720402	105-03 Sink Column E1/2 51	200.8	06/22/17 04:12	Client	06/26/17 09:45
3720403	105-04 Sink E1/2 50-1/2	200.8	06/22/17 04:14	Client	06/26/17 09:45
3720404	105-05 Sink E1/2 49	200.8	06/22/17 04:16	Client	06/26/17 09:45
3720405	105-06 Sink F48	200.8	06/22/17 04:20	Client	06/26/17 09:45
3720406	105-07 Sink F1/2 47-1/2	200.8	06/22/17 04:22	Client	06/26/17 09:45
3720407	105-08 Sink E47	200.8	06/22/17 04:27	Client	06/26/17 09:45
3720408	105-09 Sink E46	200.8	06/22/17 04:29	Client	06/26/17 09:45
3720409	105-10 Sink E44	200.8	06/22/17 04:30	Client	06/26/17 09:45
3720410	105-11 Sink G46	200.8	06/22/17 04:34	Client	06/26/17 09:45
3720411	105-12 Sink J48	200.8	06/22/17 04:37	Client	06/26/17 09:45
3720412	105-13 Sink H44	200.8	06/22/17 04:40	Client	06/26/17 09:45
3720413	105-14 Sink F1/2 42-1/2	200.8	06/22/17 04:44	Client	06/26/17 09:45
3720414	105-15 Sink E43	200.8	06/22/17 04:46	Client	06/26/17 09:45
3720415	105-16 Sink C1/2 46-1/2	200.8	06/22/17 04:51	Client	06/26/17 09:45
3720416	105-17 Sink C47	200.8	06/22/17 04:53	Client	06/26/17 09:45
3720417	105-18 Sink C48	200.8	06/22/17 04:55	Client	06/26/17 09:45
3720418	105-19 Sink B1/2 50-1/2	200.8	06/22/17 04:57	Client	06/26/17 09:45
3720419	105-20 Sink C1/2 50-1/2	200.8	06/22/17 04:59	Client	06/26/17 09:45
3720420	105-21 Sink F41	200.8	06/22/17 05:02	Client	06/26/17 09:45
3720421	105-22 Sink E41	200.8	06/22/17 05:04	Client	06/26/17 09:45
3720422	105-23 DF B44	200.8	06/22/17 05:10	Client	06/26/17 09:45
3720423	105-24 DF H51-1/2	200.8	06/22/17 05:20	Client	06/26/17 09:45
3720424	105-24-Dup DF H51-1/2	200.8	06/22/17 05:20	Client	06/26/17 09:45
3720425	105-25 Sink A46-1/2	200.8	06/22/17 05:25	Client	06/26/17 09:45
3720426	105-26 Sink A48	200.8	06/22/17 05:27	Client	06/26/17 09:45
3720427	105-27 DF A43-1/2	200.8	06/22/17 05:29	Client	06/26/17 09:45
3720428	105-28 DF B30-1/2	200.8	06/22/17 05:31	Client	06/26/17 09:45
3720429	105-29 Sink B20-1/2	200.8	06/22/17 05:35	Client	06/26/17 09:45

Client Name: OCCU-TEC Inc.

Report #: 391483

3720430	105-29-Dup Sink B20-1/2	200.8	06/22/17 05:35	Client	06/26/17 09:45
3720431	105-30 DF B18-1/2	200.8	06/22/17 05:37	Client	06/26/17 09:45
3720432	105-31 Sink B9-1/2	200.8	06/22/17 05:41	Client	06/26/17 09:45
3720433	105-32 DF B6	200.8	06/22/17 05:44	Client	06/26/17 09:45
3720434	105-33 DF H9	200.8	06/22/17 05:49	Client	06/26/17 09:45
3720435	105-34 Sink A18	200.8	06/22/17 05:54	Client	06/26/17 09:45
3720436	105-35 DF G26	200.8	06/22/17 06:00	Client	06/26/17 09:45
3720437	105-36 DF G26	200.8	06/22/17 06:02	Client	06/26/17 09:45
3720438	105-37 Sink A30	200.8	06/22/17 06:04	Client	06/26/17 09:45
3720439	105-38 DF B31	200.8	06/22/17 06:06	Client	06/26/17 09:45
3720440	105-39 Sink A46	200.8	06/22/17 06:15	Client	06/26/17 09:45
3720441	105-40 Sink A46	200.8	06/22/17 06:16	Client	06/26/17 09:45

**Report Summary**

Detailed quantitative results are presented on the following pages. The results presented relate only to the samples provided for analysis.

We appreciate the opportunity to provide you with this analysis. If you have any questions concerning this report, please do not hesitate to call Kelly Trott at (574) 233-4777.

*Note: This report may not be reproduced, except in full, without written approval from EEA.*

(b) (6)

Authorized Signature

Title

07/12/2017

Date

Client Name: OCCU-TEC Inc.

Report #: 391483

Client Name: OCCU-TEC Inc.

Report #: 391483

Sampling Point: 105-01 Sink Column H48

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	140	ug/L	---	07/10/17 15:16	3720399
7439-92-1	Lead	200.8	15 l	1.0	3.5	ug/L	---	07/10/17 15:16	3720399

Sampling Point: 105-02 Sink Column G51

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	40	ug/L	---	07/10/17 15:19	3720400
7439-92-1	Lead	200.8	15 l	1.0	1.1	ug/L	---	07/10/17 15:19	3720400

Sampling Point: 105-02-Dupe Sink Column G51

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	45	ug/L	---	07/10/17 15:22	3720401
7439-92-1	Lead	200.8	15 l	1.0	1.5	ug/L	---	07/10/17 15:22	3720401

Sampling Point: 105-03 Sink Column E1/2 51

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	58	ug/L	---	07/10/17 15:25	3720402
7439-92-1	Lead	200.8	15 l	1.0	3.2	ug/L	---	07/10/17 15:25	3720402

Sampling Point: 105-04 Sink E1/2 50-1/2

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	43	ug/L	---	07/10/17 15:28	3720403
7439-92-1	Lead	200.8	15 l	1.0	1.5	ug/L	---	07/10/17 15:28	3720403

Client Name: OCCU-TEC Inc.

Report #: 391483

Sampling Point: 105-05 Sink E1/2 49

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	110	ug/L	---	07/10/17 15:31	3720404
7439-92-1	Lead	200.8	15 l	1.0	40	ug/L	---	07/10/17 15:31	3720404

Sampling Point: 105-06 Sink F48

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	66	ug/L	---	07/10/17 15:34	3720405
7439-92-1	Lead	200.8	15 l	1.0	5.8	ug/L	---	07/10/17 15:34	3720405

Sampling Point: 105-07 Sink F1/2 47-1/2

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	36	ug/L	---	07/10/17 15:37	3720406
7439-92-1	Lead	200.8	15 l	1.0	< 1.0	ug/L	---	07/10/17 15:37	3720406

Sampling Point: 105-08 Sink E47

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	41	ug/L	---	07/10/17 16:37	3720407
7439-92-1	Lead	200.8	15 l	1.0	< 1.0	ug/L	---	07/10/17 16:37	3720407

Sampling Point: 105-09 Sink E46

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	46	ug/L	---	07/10/17 16:46	3720408
7439-92-1	Lead	200.8	15 l	1.0	35	ug/L	---	07/10/17 16:46	3720408



Client Name: OCCU-TEC Inc.

Report #: 391483

Sampling Point: 105-10 Sink E44

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	34	ug/L	---	07/10/17 16:49	3720409
7439-92-1	Lead	200.8	15 !	1.0	1.5	ug/L	---	07/10/17 16:49	3720409

Sampling Point: 105-11 Sink G46

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	20	ug/L	---	07/10/17 16:52	3720410
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	07/10/17 16:52	3720410

Sampling Point: 105-12 Sink J48

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	45	ug/L	---	07/10/17 16:55	3720411
7439-92-1	Lead	200.8	15 !	1.0	5.7	ug/L	---	07/10/17 16:55	3720411

Sampling Point: 105-13 Sink H44

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	40	ug/L	---	07/10/17 16:58	3720412
7439-92-1	Lead	200.8	15 !	1.0	5.8	ug/L	---	07/10/17 16:58	3720412

Sampling Point: 105-14 Sink F1/2 42-1/2

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	40	ug/L	---	07/10/17 17:01	3720413
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	07/10/17 17:01	3720413

Client Name: OCCU-TEC Inc.

Report #: 391483

Sampling Point: 105-15 Sink E43

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	62	ug/L	---	07/10/17 17:04	3720414
7439-92-1	Lead	200.8	15 l	1.0	4.3	ug/L	---	07/10/17 17:04	3720414

Sampling Point: 105-16 Sink C1/2 46-1/2

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	59	ug/L	---	07/10/17 17:07	3720415
7439-92-1	Lead	200.8	15 l	1.0	10	ug/L	---	07/10/17 17:07	3720415

Sampling Point: 105-17 Sink C47

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	33	ug/L	---	07/10/17 17:10	3720416
7439-92-1	Lead	200.8	15 l	1.0	1.1	ug/L	---	07/10/17 17:10	3720416

Sampling Point: 105-18 Sink C48

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	98	ug/L	---	07/10/17 18:17	3720417
7439-92-1	Lead	200.8	15 l	1.0	13	ug/L	---	07/10/17 18:17	3720417

Sampling Point: 105-19 Sink B1/2 50-1/2

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	130	ug/L	---	07/10/17 18:26	3720418
7439-92-1	Lead	200.8	15 l	1.0	4.8	ug/L	---	07/10/17 18:26	3720418

Client Name: OCCU-TEC Inc.

Report #: 391483

Sampling Point: 105-20 Sink C1/2 50-1/2

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	33	ug/L	---	07/10/17 18:29	3720419
7439-92-1	Lead	200.8	15 l	1.0	6.3	ug/L	---	07/10/17 18:29	3720419

Sampling Point: 105-21 Sink F41

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	35	ug/L	---	07/10/17 18:32	3720420
7439-92-1	Lead	200.8	15 l	1.0	< 1.0	ug/L	---	07/10/17 18:32	3720420

Sampling Point: 105-22 Sink E41

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	49	ug/L	---	07/10/17 18:35	3720421
7439-92-1	Lead	200.8	15 l	1.0	1.2	ug/L	---	07/10/17 18:35	3720421

Sampling Point: 105-23 DF B44

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	24	ug/L	---	07/10/17 18:38	3720422
7439-92-1	Lead	200.8	15 l	1.0	< 1.0	ug/L	---	07/10/17 18:38	3720422

Sampling Point: 105-24 DF H51-1/2

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	19	ug/L	---	07/10/17 18:41	3720423
7439-92-1	Lead	200.8	15 l	1.0	< 1.0	ug/L	---	07/10/17 18:41	3720423

Client Name: OCCU-TEC Inc.

Report #: 391483

Sampling Point: 105-24-Dup DF H51-1/2

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	19	ug/L	---	07/10/17 18:44	3720424
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	07/10/17 18:44	3720424

Sampling Point: 105-25 Sink A46-1/2

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	170	ug/L	---	07/10/17 18:47	3720425
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	07/10/17 18:47	3720425

Sampling Point: 105-26 Sink A48

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	57	ug/L	---	07/10/17 18:50	3720426
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	07/10/17 18:50	3720426

Sampling Point: 105-27 DF A43-1/2

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	59	ug/L	---	07/10/17 18:59	3720427
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	07/10/17 18:59	3720427

Sampling Point: 105-28 DF B30-1/2

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 !	1.0	43	ug/L	---	07/10/17 19:08	3720428
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	07/10/17 19:08	3720428

Client Name: OCCU-TEC Inc.

Report #: 391483

Sampling Point: 105-29 Sink B20-1/2

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	23	ug/L	---	07/10/17 19:11	3720429
7439-92-1	Lead	200.8	15 l	1.0	< 1.0	ug/L	---	07/10/17 19:11	3720429

Sampling Point: 105-29-Dup Sink B20-1/2

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	22	ug/L	---	07/10/17 19:14	3720430
7439-92-1	Lead	200.8	15 l	1.0	< 1.0	ug/L	---	07/10/17 19:14	3720430

Sampling Point: 105-30 DF B18-1/2

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	19	ug/L	---	07/10/17 19:17	3720431
7439-92-1	Lead	200.8	15 l	1.0	< 1.0	ug/L	---	07/10/17 19:17	3720431

Sampling Point: 105-31 Sink B9-1/2

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	75	ug/L	---	07/10/17 19:20	3720432
7439-92-1	Lead	200.8	15 l	1.0	< 1.0	ug/L	---	07/10/17 19:20	3720432

Sampling Point: 105-32 DF B6

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	47	ug/L	---	07/10/17 19:23	3720433
7439-92-1	Lead	200.8	15 l	1.0	< 1.0	ug/L	---	07/10/17 19:23	3720433

Client Name: OCCU-TEC Inc.

Report #: 391483

Sampling Point: 105-33 DF H9

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	22	ug/L	---	07/10/17 19:26	3720434
7439-92-1	Lead	200.8	15 l	1.0	< 1.0	ug/L	---	07/10/17 19:26	3720434

Sampling Point: 105-34 Sink A18

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	10	ug/L	---	07/10/17 19:29	3720435
7439-92-1	Lead	200.8	15 l	1.0	< 1.0	ug/L	---	07/10/17 19:29	3720435

Sampling Point: 105-35 DF G26

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	33	ug/L	---	07/10/17 19:32	3720436
7439-92-1	Lead	200.8	15 l	1.0	< 1.0	ug/L	---	07/10/17 19:32	3720436

Sampling Point: 105-36 DF G26

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	45	ug/L	---	07/10/17 19:47	3720437
7439-92-1	Lead	200.8	15 l	1.0	< 1.0	ug/L	---	07/10/17 19:47	3720437

Sampling Point: 105-37 Sink A30

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 l	1.0	15	ug/L	---	07/10/17 19:50	3720438
7439-92-1	Lead	200.8	15 l	1.0	< 1.0	ug/L	---	07/10/17 19:50	3720438

Client Name: OCCU-TEC Inc.

Report #: 391483

Sampling Point: 105-38 DF B31

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 I	1.0	22	ug/L	---	07/10/17 19:53	3720439
7439-92-1	Lead	200.8	15 I	1.0	< 1.0	ug/L	---	07/10/17 19:53	3720439

Sampling Point: 105-39 Sink A46

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 I	1.0	42	ug/L	---	07/10/17 19:56	3720440
7439-92-1	Lead	200.8	15 I	1.0	< 1.0	ug/L	---	07/10/17 19:56	3720440

Sampling Point: 105-40 Sink A46

PWS ID: Not Supplied

Lead and Copper									
Analyte ID #	Analyte	Method	Reg Limit	MRL†	Result	Units	Preparation Date	Analyzed	EEA ID #
7440-50-8	Copper	200.8	1300 I	1.0	47	ug/L	---	07/10/17 21:00	3720441
7439-92-1	Lead	200.8	15 I	1.0	< 1.0	ug/L	---	07/10/17 21:00	3720441

† EEA has demonstrated it can achieve these report limits in reagent water, but can not document them in all sample matrices.

Reg Limit Type:	MCL	SMCL	AL
Symbol:	*	^	!

## Lab Definitions

**Continuing Calibration Check Standard (CCC) / Continuing Calibration Verification (CCV) / Initial Calibration Verification Standard (ICV) / Initial Performance Check (IPC)** - is a standard containing one or more of the target analytes that is prepared from the same standards used to calibrate the instrument. This standard is used to verify the calibration curve at the beginning of each analytical sequence, and may also be analyzed throughout and at the end of the sequence. The concentration of continuing standards may be varied, when prescribed by the reference method, so that the range of the calibration curve is verified on a regular basis. CCL, CCM, and CCH are the CCC standards at low, mid, and high concentration levels, respectively.

**Internal Standards (IS)** - are pure compounds with properties similar to the analytes of interest, which are added to field samples or extracts, calibration standards, and quality control standards at a known concentration. They are used to measure the relative responses of the analytes of interest and surrogates in the sample, calibration standard or quality control standard.

**Laboratory Duplicate (LD)** - is a field sample aliquot taken from the same sample container in the laboratory and analyzed separately using identical procedures. Analysis of laboratory duplicates provides a measure of the precision of the laboratory procedures.

**Laboratory Fortified Blank (LFB) / Laboratory Control Sample (LCS)** - is an aliquot of reagent water to which known concentrations of the analytes of interest are added. The LFB is analyzed exactly the same as the field samples. LFBs are used to determine whether the method is in control. FBL, FBM, and FBH are the LFB samples at low, mid, and high concentration levels, respectively.

**Laboratory Method Blank (LMB) / Laboratory Reagent Blank (LRB)** - is a sample of reagent water included in the sample batch analyzed in the same way as the associated field samples. The LMB is used to determine if method analytes or other background contamination have been introduced during the preparation or analytical procedure. The LMB is analyzed exactly the same as the field samples.

**Laboratory Trip Blank (LTB) / Field Reagent Blank (FRB)** - is a sample of laboratory reagent water placed in a sample container in the laboratory and treated as a field sample, including storage, preservation, and all analytical procedures. The FRB/LTB container follows the collection bottles to and from the collection site, but the FRB/LTB is not opened at any time during the trip. The FRB/LTB is primarily a travel blank used to verify that the samples were not contaminated during shipment.

**Matrix Spike Duplicate Sample (MSD) / Laboratory Fortified Sample Matrix Duplicate (LFSMD)** - is a sample aliquot taken from the same field sample source as the Matrix Spike Sample to which known quantities of the analytes of interest are added in the laboratory. The MSD is analyzed exactly the same as the field samples. Analysis of the MSD provides a measure of the precision of the laboratory procedures in a specific matrix. SDL, SDM, and SDH / LFSMDL, LFSMDM, and LFSMDH are the MSD or LFSMD at low, mid, and high concentration levels, respectively.

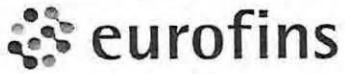
**Matrix Spike Sample (MS) / Laboratory Fortified Sample Matrix (LFSM)** - is a sample aliquot taken from field sample source to which known quantities of the analytes of interest are added in the laboratory. The MS is analyzed exactly the same as the field samples. The purpose is to demonstrate recovery of the analytes from a sample matrix to determine if the specific matrix contributes bias to the analytical results. MSL, MSM, and MSH / LFSML, LFSMM, and LFSMH are the MS or LFSM at low, mid, and high concentration levels, respectively.

**Quality Control Standard (QCS) / Second Source Calibration Verification (SSCV)** - is a solution containing known concentrations of the analytes of interest prepared from a source different from the source of the calibration standards. The solution is obtained from a second manufacturer or lot if the lot can be demonstrated by the manufacturer as prepared independently from other lots. The QCS sample is analyzed using the same procedures as field samples. The QCS is used as a check on the calibration standards used in the method on a routine basis.

**Reporting Limit Check (RLC) / Initial Calibration Check Standard (ICCS)** - is a procedural standard that is analyzed each day to evaluate instrument performance at or below the minimum reporting limit (MRL).

**Surrogate Standard (SS) / Surrogate Analyte (SUR)** - is a pure compound with properties similar to the analytes of interest, which is highly unlikely to be found in any field sample, that is added to the field samples, calibration standards, blanks and quality control standards before sample preparation. The SS is used to evaluate the efficiency of the sample preparation process.





Eaton Analytical

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

Order # 321124  
Batch # 391483

www.EurofinsUS.com/Eaton

CHAIN OF CUSTODY RECORD

Page 1 of 4

Shaded area for EEA use only

REPORT TO: Occu-Tec 100 NW Business Park Lane, Riverside, MO 64150		SAMPLER (Signature) <b>(b) (6)</b>		PWS ID # DW	STATE (sample origin) MO	PROJECT NAME 917004.02 <u>105</u>	PO#	# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME		
BILL TO: Accounts Receiving 100 NW Business Park Lane, Riverside, MO 64150		COMPLIANCE MONITORING	Yes No <input type="checkbox"/> <input checked="" type="checkbox"/>	POPULATION SERVED	SOURCE WATER DW							
LAB Number	COLLECTION				SAMPLING SITE	TEST NAME	SAMPLE REMARKS	CHLORINATED		# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
	DATE	TIME	AM	PM				YES	NO			
1 <u>3720399</u>	<u>6-22-17</u>	<u>4:06</u>	<u>X</u>		<u>105-01 Sink Column H 48</u>	<u>Lead + Copper</u>		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1</u>		<u>SW</u>
2 <u>400</u>		<u>4:10</u>	<u>X</u>		<u>105-02 Sink Column G 51</u>			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1</u>		<u>SW</u>
3 <u>401</u>		<u>4:10</u>	<u>X</u>		<u>105-02-Dupe</u>			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1</u>		<u>SW</u>
4 <u>402</u>		<u>4:12</u>	<u>X</u>		<u>105-03 Sink Column E 1/2 51</u>			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1</u>		<u>SW</u>
5 <u>403</u>		<u>4:14</u>	<u>X</u>		<u>105-04 Sink E 1/2 50 1/2</u>			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1</u>		<u>SW</u>
6 <u>404</u>		<u>4:16</u>	<u>X</u>		<u>105-05 Sink E 1/2 49</u>			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1</u>		<u>SW</u>
7 <u>405</u>		<u>4:20</u>	<u>X</u>		<u>105-06 Sink F 48</u>			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1</u>		<u>SW</u>
8 <u>406</u>		<u>4:22</u>	<u>X</u>		<u>105-07 Sink F 1/2 47 1/2</u>			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1</u>		<u>SW</u>
9 <u>407</u>		<u>4:27</u>	<u>X</u>		<u>105-08 Sink E 47</u>			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1</u>		<u>SW</u>
10 <u>408</u>		<u>4:29</u>	<u>X</u>		<u>105-09 Sink E 44</u>			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1</u>		<u>SW</u>
11 <u>409</u>		<u>4:30</u>	<u>X</u>		<u>105-10 Sink E 44</u>			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1</u>		<u>SW</u>
12 <u>410</u>		<u>4:34</u>	<u>X</u>		<u>105-11 Sink G 44</u>			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1</u>		<u>SW</u>
13 <u>411</u>		<u>4:37</u>	<u>X</u>		<u>105-12 Sink J 48</u>			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1</u>		<u>SW</u>
14 <u>412</u>		<u>4:40</u>	<u>X</u>		<u>105-13 Sink H 44</u>			<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1</u>		<u>SW</u>

RELINQUISHED BY: (Signature) <b>(b) (6)</b>	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME	LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT
		AM PM			AM PM	
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED BY: (Signature)	DATE	TIME	CONDITIONS UPON RECEIPT (check one): Iced: Wet/Blue <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> °C Upon Receipt <input checked="" type="checkbox"/> N/A
		AM PM		<u>6/26/17</u>	<u>09:45</u>	
RELINQUISHED BY: (Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY: <b>(b) (6)</b>	DATE	TIME	
		AM PM			AM PM	

<b>MATRIX CODES:</b> DW-DRINKING WATER RW-REAGENT WATER GW-GROUND WATER EW-EXPOSURE WATER SW-SURFACE WATER PW-POOL WATER WW-WASTE WATER	<b>TURN-AROUND TIME (TAT) - SUMMARY</b> SW = Standard Written: (15 working days) 0% RV* = Rush Verbal: (5 working days) 50% RW* = 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	Samples received unannounced with less than 48 hours holding time remaining may be subject to additional charges.
* Please call, expedited service not available for all testing		06-LO-F0435 Issue 6.0 Effective Date: 2016-09-20	

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.



Eaton Analytical

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

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

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

www.EurofinsUS.com/Eaton

CHAIN OF CUSTODY RECORD

Page 2 of 4

Shaded area for EEA use only

REPORT TO:				SAMPLER (Signature)		PWS ID #	STATE (sample origin)	PROJECT NAME	PO#	# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
Occu-Tec 100 NW Business Park Lane, Riverside, MO 64150				(b) (6)		DW	MO	917004.02 105				
BILL TO: Accounts Recieving 100 NW Business Park Lane, Riverside, MO 64150				COMPLIANCE MONITORING	Yes	No	POPULATION SERVED	SOURCE WATER				
						X		DW				
LAB Number	COLLECTION			SAMPLING SITE		TEST NAME	SAMPLE REMARKS	CHLORINATED		# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
	DATE	TIME	AM PM					YES	NO			
1	3720413	6-22-17	4:44	X	105-14 Sink F 1/2 42 1/2	Lead & Copper		X		1		SW
2	414		4:44	X	105-15 Sink E 43			X		1		SW
3	415		4:51	X	105-14 Sink C 1/2 46 1/2			X		1		SW
4	416		4:53	X	105-17 Sink C 47			X		1		SW
5	417		4:55	X	105-18 Sink C 48			X		1		SW
6	418		4:57	X	105-19 Sink B 1/2 50 1/2			X		1		SW
7	419		4:59	X	105-20 Sink C 1/2 50 1/2			X		1		SW
8	420		5:02	X	105-21 Sink F 41			X		1		SW
9	421		5:04	X	105-22 Sink E 41			X		1		SW
10	422		5:10	X	105-23 Sink OF B 44			X		1		SW
11	423		5:20	X	105-24 Sink OF H 51 1/2			X		1		SW
12	424		5:20	X	105-24 Sink OF H 51 1/2			X		1		SW
13	425		5:25	X	105-25 Sink A 46 1/2			X		1		SW
14	426		5:27	X	105-24 Sink A 48			X		1		SW

Bottle shows time of 0502

RELINQUISHED BY:(Signature) (b) (6)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME
		AM PM			AM PM
RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME
		AM PM			AM PM
RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY:	DATE	TIME
		AM PM	(b) (6)	6/26/17	0945

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

LAB COMMENTS

**Cross Off on COC by Client**

CONDITIONS UPON RECEIPT (check one):

\_\_\_ Iced/Wet/Blue \_\_\_  Ambient \_\_\_ °C Upon Receipt  N/A

<b>MATRIX CODES:</b> DW-DRINKING WATER RW-REAGENT WATER GW-GROUND WATER EW-EXPOSURE WATER SW-SURFACE WATER PW-POOL WATER WW-WASTE WATER	<b>TURN-AROUND TIME (TAT) &amp; SURCHARGES</b> SW = Standard Written: (15 working days) 0% RV* = Rush Verbal: (5 working days) 50% RW* = Rush Written: (5 working days) 75% * Please call, expedited service not available for all testing	IV* = Immediate Verbal: (3 working days) 100% IW* = Immediate Written: (3 working days) 125% SP* = Weekend, Holiday CALL STAT = Less than 48 hours CALL	Samples received unannounced with less than 48 hours holding time remaining may be subject to additional charges.
--	--	--	---

06-LO-F0435 Issue 6.0 Effective Date: 2016-09-20

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.



Eaton Analytical

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

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

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

www.EurofinsUS.com/Eaton

CHAIN OF CUSTODY RECORD

Page 3 of 4

Shaded area for EEA use only

REPORT TO: Occu-Tec 100 NW Business Park Lane, Riverside, MO 64150				SAMPLER (Signature) <b>(b) (6)</b>				PWS ID # DW		STATE (sample origin) MO		PROJECT NAME 917004.02 105		PO#		# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME		
BILL TO: Accounts Recieving 100 NW Business Park Lane, Riverside, MO 64150				COMPLIANCE MONITORING <input checked="" type="checkbox"/>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		POPULATION SERVED		SOURCE WATER DW										
LAB Number		COLLECTION		SAMPLING SITE				TEST NAME		SAMPLE REMARKS		CHLORINATED								
		DATE TIME AM PM										YES NO								
1	3720	427	6-22-17	5:29	X	105-27 DF A 43 1/2		Lead + Copper				<input checked="" type="checkbox"/>				SW				
2	428			5:31	X	105-28 DF B 30 1/2						<input checked="" type="checkbox"/>				SW				
3	429			5:35	X	105-29 Sink B 70 1/2						<input checked="" type="checkbox"/>				SW				
4	430			5:35	X	105-29-Dup Sink B 20 1/2						<input checked="" type="checkbox"/>				SW				
5	431			5:37	X	105-30 DF B 18 1/2						<input checked="" type="checkbox"/>				SW				
6	432			5:41	X	105-31 SINK B 9 1/2						<input checked="" type="checkbox"/>				SW				
7	433			5:44	X	105-32 DF B 6						<input checked="" type="checkbox"/>				SW				
8	434			5:49	X	105-33 DF H 9						<input checked="" type="checkbox"/>				SW				
9	435			5:54	X	105-34 SINK A 18						<input checked="" type="checkbox"/>				SW				
10	436			6:00	X	105-35 DF G 24						<input checked="" type="checkbox"/>				SW				
11	437			6:02	X	105-36 DF G 26						<input checked="" type="checkbox"/>				SW				
12	438			6:04	X	105-37 SINK A 30						<input checked="" type="checkbox"/>				SW				
13	439			6:06	X	105-38 DF B 31						<input checked="" type="checkbox"/>				SW				
14	440			6:15	X	105-39 SINK A 46						<input checked="" type="checkbox"/>				SW				

RELINQUISHED BY:(Signature) <b>(b) (6)</b>	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME	LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT LAB COMMENTS
		AM PM			AM PM	
RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME	
		AM PM			AM PM	
RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY: <b>(b) (6)</b>	DATE	TIME	CONDITIONS UPON RECEIPT (check one): Iced: Wet/Blue <input type="checkbox"/> Ambient <input checked="" type="checkbox"/> °C Upon Receipt <input checked="" type="checkbox"/> N/A
		AM PM		6-26-17	0945	

<b>MATRIX CODES:</b> DW-DRINKING WATER RW-REAGENT WATER GW-GROUND WATER EW-EXPOSURE WATER SW-SURFACE WATER PW-POOL WATER WW-WASTE WATER	<b>TURN-AROUND TIME (TAT) - SURCHARGES</b> SW = Standard Written: (15 working days) 0% RV* = Rush Verbal: (5 working days) 50% RW* = 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. 06-LO-F0435 Issue 6.0 Effective Date: 2016-09-20
--	---	---

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.



Eaton Analytical

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

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

www.EurofinsUS.com/Eaton

CHAIN OF CUSTODY RECORD

Page 4 of 4

Shaded area for EEA use only

REPORT TO: Occu-Tec 100 NW Business Park Lane, Riverside, MO 64150				SAMPLER (Signature) (b) (6)		PWS ID # DW	STATE (sample origin) MO	PROJECT NAME 917004.02 105	PO#	# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
BILL TO: Accounts Receiving 100 NW Business Park Lane, Riverside, MO 64150				COMPLIANCE MONITORING <input checked="" type="checkbox"/>	Yes	No	POPULATION SERVED	SOURCE WATER DW				
LAB Number	COLLECTION			SAMPLING SITE	TEST NAME	SAMPLE REMARKS	CHLORINATED		# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME	
	DATE	TIME	AM PM				YES	NO				
1 3720441	07-17	06:16	X	105-40 sink A 40	lead & copper		X		1		SW	
2												
3												
4												
5												
6												
7												
8												
9												
10												
11												
12												
13												
14												

RELINQUISHED BY:(Signature) (b) (6)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME	LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT
		AM PM			AM PM	
RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME	LAB COMMENTS
		AM PM			AM PM	
RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED FOR LABORATORY BY: (b) (6)	DATE	TIME	CONDITIONS UPON RECEIPT (check one): Iced: Wet/Blue <input checked="" type="checkbox"/> Ambient <input checked="" type="checkbox"/> °C Upon Receipt <input checked="" type="checkbox"/> N/A
		AM PM		07-17	09:45	
<b>MATRIX CODES:</b> DW-DRINKING WATER RW-REAGENT WATER GW-GROUND WATER EW-EXPOSURE WATER SW-SURFACE WATER PW-PPOOL WATER WW-WASTE WATER	<b>TURN-AROUND TIME (TAT) - SURCHARGES</b>					
	SW = Standard Written: (15 working days)	0%	IV* = Immediate Verbal: (3 working days)	100%		
	RV* = Rush Verbal: (5 working days)	50%	IW* = Immediate Written: (3 working days)	125%		
	RW* = Rush Written: (5 working days)	75%	SP* = Weekend, Holiday	CALL		
	* Please call, expedited service not available for all testing			STAT* = Less than 48 hours	CALL	
						Samples received unannounced with less than 48 hours holding time remaining may be subject to additional charges.
						06-LO-F0435 Issue 6.0 Effective Date: 2016-09-20

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.