OCCU-TEC
100 NW Business Park Lane
Riverside, MO 64150
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March 27, 2019

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. # 105 Drinking Water Sampling
Project # 918004.002

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, OCCU-TEC conducted drinking water sampling and testing for the presence of lead and copper at Building #105 of the Goodfellow Federal Center located at 4300 Goodfellow Federal Boulevard in St. Louis, Missouri. Sampling was completed in response to the ongoing environmental condition assessment at the Goodfellow Federal Center 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 February 28, 2019 by Mr. Austin O'byrne 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 forty-one (41) distinct locations within Building #105. A total of forty-five (45) samples were obtained including duplicates. 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.

Water Sample Summary

Analysis	Lowest Concentration	Highest Concentration	Action Level*
Lead	<0.001 mg/L	0.420 mg/L	0.015 mg/L
Copper	0.015 mg/L	0.110 mg/L	1.3 mg/L

Samples with a "<" sign indicate that the results were below the reportable limit.
*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 sample locations indicated results over the Action Level (AL) for lead. Upon receipt of the maximum containment level (MCL) notification from the lab, these fixtures were taken out of service by GSA and scheduled for replacement.

COPPER

All samples were below the AL for copper.

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 8.10 to 9.72 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 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. 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)

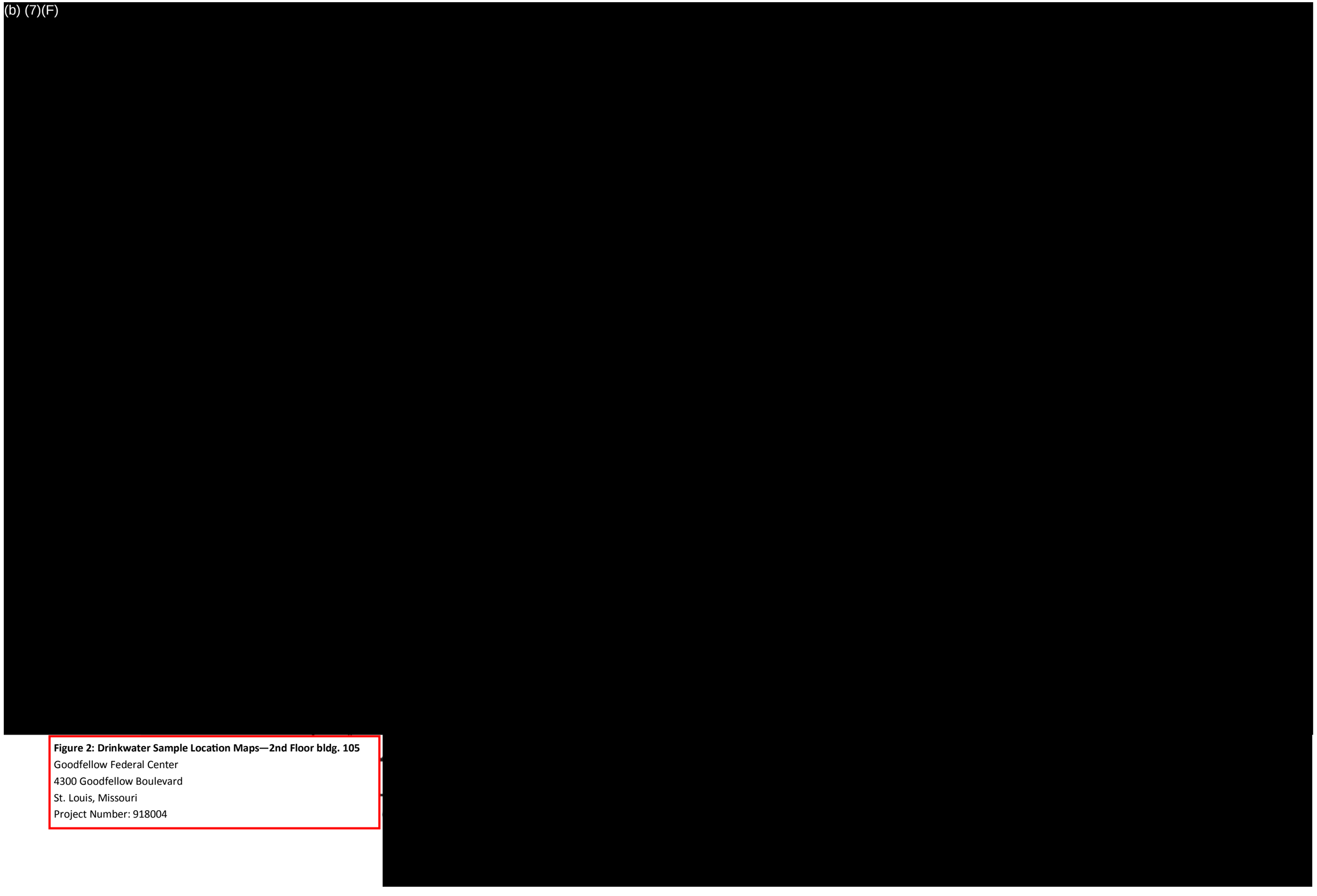

Figure 2: Drinkwater Sample Location Maps—2nd Floor bldg. 105
Goodfellow Federal Center
4300 Goodfellow Boulevard
St. Louis, Missouri
Project Number: 918004

(b) (7)(F)

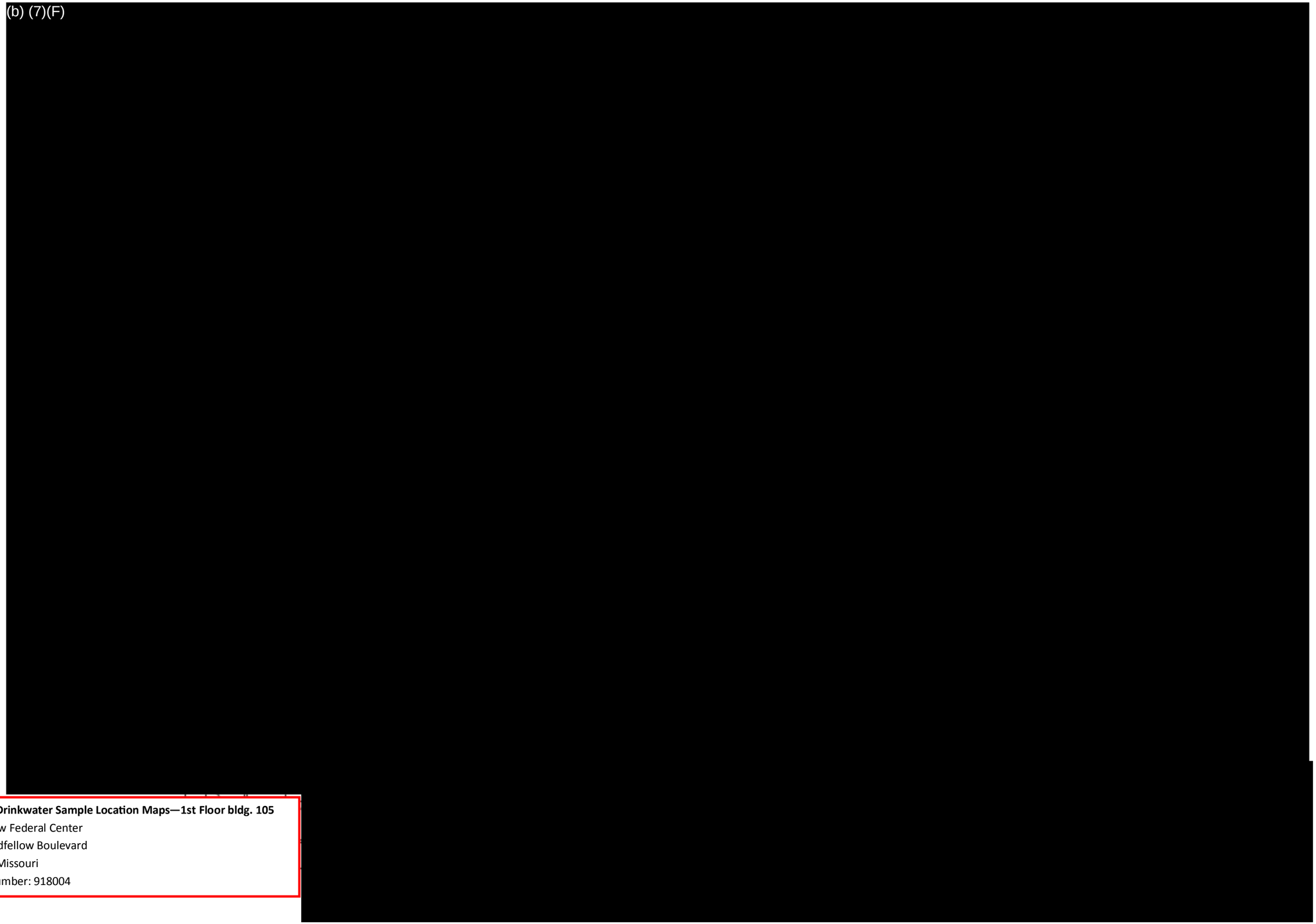

Figure 1: Drinkwater Sample Location Maps—1st Floor bldg. 105
Goodfellow Federal Center
4300 Goodfellow Boulevard
St. Louis, Missouri
Project Number: 918004

Appendix B

Results Summary by Location

Goodfellow Federal Center - Building 105										
Sample Number	**Location**	**Water Source**	**Temperature**	**pH**	**Analyte**		**Result**	**Units**	**Above/Below**	**AL**
GFC-105-01	Lower Level @ A-48 - east wall	Sink	18.4	9.54	Copper		0.085	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-02	Lower Level @ A-47 - east wall	Spray nozzle	18.4	9.09	Copper		0.110	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-03	Lower Level @ A-46 - north wall	Sink	18.5	9.39	Copper		0.043	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-03 Dup	Duplicate				Copper		0.051	mg/L	Below AL	1.3
					Lead		0.0013	mg/L	Below AL	0.015
GFC-105-04	Lower Level @ B-43 - outside restrooms - right side	Drinking Fountain	18.8	8.9	Copper		0.083	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-05	Lower Level @ B-31	Drinking Fountain	18.1	9.1	Copper		0.026	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-06	Lower Level @ B-19 - right side	Drinking Fountain	17.6	8.9	Copper		0.055	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-07	Lower Level @ B-19 - left side	Drinking Fountain	16.4	9.01	Copper		0.052	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-08	Lower Level @ A-10	Sink	14.7	8.97	Copper		0.110	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-09	Lower Level @ B-6 - left side	Drinking Fountain	14.9	9.02	Copper		0.064	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-10	Upper Level @ H-9 - right side	Drinking Fountain	16	9.3	Copper		0.063	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-11	Upper Level @ A-18	Sink	18.2	8.91	Copper		0.018	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-11 DUP	Duplicate				Copper		0.015	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-12	Upper Level @ B-19 - left side	Drinking Fountain	17.4	9.16	Copper		0.052	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-13	Upper Level @B-19 - right side	Drinking Fountain	16.2	9.03	Copper		0.040	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-14	Upper Level @ A-30	Sink	17.6	9.14	Copper		0.028	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015

Highlight indicates results at or above the Action Level (AL)

Goodfellow Federal Center - Building 105										
Sample Number	**Location**	**Water Source**	**Temperature**	**pH**	**Analyte**		**Result**	**Units**	**Above/Below**	**AL**
GFC-105-15	Upper Level @ B-31	Drinking Fountain	16.6	9.72	Copper		0.025	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-16	Upper Level @ B-43 - left side	Drinking Fountain	16.5	9.18	Copper		0.050	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-17	Upper Level @ B-43 - right side	Drinking Fountain	15.7	9.03	Copper		0.037	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-18	Upper Level @ B-47 - left side	Sink	18.6	9.18	Copper		0.035	mg/L	Below AL	1.3
					Lead		0.002	mg/L	Below AL	0.015
GFC-105-19	Upper Level @B-46	Sink	19.6	8.1	Copper		0.045	mg/L	Below AL	1.3
					Lead		0.002	mg/L	Below AL	0.015
GFC-105-20	Upper Level @ E-47 - south wall-right	Sink	20.6	9.17	Copper		0.025	mg/L	Below AL	1.3
					Lead		0.003	mg/L	Below AL	0.015
GFC-105-21	Upper Level @ E-47 - north wall-left	Sink	21	9.03	Copper		0.094	mg/L	Below AL	1.3
					Lead		0.420	mg/L	Above AL	0.015
GFC-105-22	Upper Level @ G-46 - west wall - left	Sink	20.8	9.32	Copper		0.040	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-23	Upper Level @ F-49 - south side - left	Sink	20.1	9.17	Copper		0.054	mg/L	Below AL	1.3
					Lead		0.001	mg/L	Below AL	0.015
GFC-105-24	Upper Leve @ F-48 - east wall-right	Sink	20.9	9.38	Copper		0.067	mg/L	Below AL	1.3
					Lead		0.002	mg/L	Below AL	0.015
GFC-105-25	Upper Level @ E-48 - north wall-left	Sink	22	9.07	Copper		0.057	mg/L	Below AL	1.3
					Lead		0.002	mg/L	Below AL	0.015
GFC-105-25 DUP	Duplicate				Copper		0.059	mg/L	Below AL	1.3
					Lead		0.002	mg/L	Below AL	0.015
GFC-105-26	Upper Level @ E-49 - south wall-right	Sink	22.1	9.27	Copper		0.039	mg/L	Below AL	1.3
					Lead		0.005	mg/L	Below AL	0.015
GFC-105-27	Upper Level @ E-50 - center of room-north - left	Sink	22.6	9.05	Copper		0.057	mg/L	Below AL	1.3
					Lead		0.004	mg/L	Below AL	0.015
GFC-105-28	Upper Level @ E-50 - south wall-right	Sink	22.6	9.33	Copper		0.026	mg/L	Below AL	1.3
					Lead		0.007	mg/L	Below AL	0.015
GFC-105-29	Upper Level @ F-50 - center room north - left	Sink	22.7	8.98	Copper		0.076	mg/L	Below AL	1.3
					Lead		0.002	mg/L	Below AL	0.015

Highlight indicates results at or above the Action Level (AL)

Goodfellow Federal Center - Building 105										
Sample Number	**Location**	**Water Source**	**Temperature**	**pH**	**Analyte**		**Result**	**Units**	**Above/Below**	**AL**
GFC-105-30	Upper Level @ F-50 - south wall-right	Sink	22.8	9.22	Copper		0.027	mg/L	Below AL	1.3
					Lead		0.030	mg/L	Above AL	0.015
GFC-105-31	Upper Level - Rm 360 @ J-48-NW corner-left	Sink	21.8	9.18	Copper		0.051	mg/L	Below AL	1.3
					Lead		0.048	mg/L	Above AL	0.015
GFC-105-32	Upper Level - Rm 359 @J-48-south wall -left	Sink	20.8	9.14	Copper		0.043	mg/L	Below AL	1.3
					Lead		0.002	mg/L	Below AL	0.015
GFC-105-33	Upper Level - Rm 354 @J-48-west wall-left	Sink	20.6	9.17	Copper		0.092	mg/L	Below AL	1.3
					Lead		0.002	mg/L	Below AL	0.015
GFC-105-34	Upper Level - Rm 358 @J-46-north wall-right	Sink	20.2	9.07	Copper		0.060	mg/L	Below AL	1.3
					Lead		0.003	mg/L	Below AL	0.015
GFC-105-35	Upper Level - Rm 356 @ J-44-northwest corner -left	Sink	18.9	9.19	Copper		0.043	mg/L	Below AL	1.3
					Lead		0.006	mg/L	Below AL	0.015
GFC-105-35 DUP	Duplicate				Copper		0.042	mg/L	Below AL	1.3
					Lead		0.006	mg/L	Below AL	0.015
GFC-105-36	Upper Level - Rm 306 @ G-42, north island west end-left	Sink	19.8	9.06	Copper		0.043	mg/L	Below AL	1.3
					Lead		0.001	mg/L	Below AL	0.015
GFC-105-37	Upper Level- Rm 306 @ G-42, south island, west end, left	Sink	20.6	9.15	Copper		0.045	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-38	Upper Level - Rm 311 @H-38-north wall, right	Sink	21.4	9.14	Copper		0.056	mg/L	Below AL	1.3
					Lead		0.001	mg/L	Below AL	0.015
GFC-105-39	Upper Level - Rm 312 @ F-41-south wall, right	Sink	20.7	9.13	Copper		0.050	mg/L	Below AL	1.3
					Lead		0.001	mg/L	Below AL	0.015
GFC-105-40	Upper Level @ H-51 west wall - left	Drinking Fountain	18.4	8.78	Copper		0.034	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015
GFC-105-41	Lower Level @ H-51 west wall - right	Drinking Fountain	18.1	9.2	Copper		0.022	mg/L	Below AL	1.3
					Lead	<	0.001	mg/L	Below AL	0.015

Highlight indicates results at or above the Action Level (AL)

Appendix C

Water Sample Laboratory Report

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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.

STATE CERTIFICATION LIST

State	Certification	State	Certification
Alabama	40700	Missouri	880
Alaska	IN00035	Montana	CERT0026
Arizona	AZ0432	Nebraska	NE-OS-05-04
Arkansas	IN00035	Nevada	IN00035
California	2920	New Hampshire*	2124
Colorado	IN035	New Jersey*	IN598
Colorado Radiochemistry	IN035	New Mexico	IN00035
Connecticut	PH-0132	New York*	11398
Delaware	IN035	North Carolina	18700
Florida*	E87775	North Dakota	R-035
Georgia	929	Ohio	87775
Hawaii	IN035	Oklahoma	D9508
Idaho	IN00035	Oregon (Primary AB)*	4074-001
Illinois*	200001	Pennsylvania*	68-00466
Illinois Microbiology	17767	Puerto Rico	IN00035
Illinois Radiochemistry	IN00035	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*	LA180008	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
EPA	IN00035		

*NELAP/TNI Recognized Accreditation Bodies

Revision date: 01/02/2018

eurofins | 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: 444912
Priority: Standard Written
Status: Final
PWS ID: Not Supplied

Sample Information					
EEA ID #	Client ID	Method	Collected Date / Time	Collected By:	Received Date / Time
4214405	GFC-105-01	200.8	02/27/19 05:26	Client	03/04/19 10:00
4214406	GFC-105-02	200.8	02/27/19 05:29	Client	03/04/19 10:00
4214407	GFC-105-03	200.8	02/27/19 05:31	Client	03/04/19 10:00
4214408	GFC-105-03 DUP	200.8	02/27/19 05:31	Client	03/04/19 10:00
4214409	GFC-105-04	200.8	02/27/19 05:34	Client	03/04/19 10:00
4214410	GFC-105-05	200.8	02/27/19 05:37	Client	03/04/19 10:00
4214411	GFC-105-06	200.8	02/27/19 05:38	Client	03/04/19 10:00
4214412	GFC-105-07	200.8	02/27/19 05:39	Client	03/04/19 10:00
4214413	GFC-105-08	200.8	02/27/19 05:43	Client	03/04/19 10:00
4214414	GFC-105-09	200.8	02/27/19 05:45	Client	03/04/19 10:00
4214415	GFC-105-10	200.8	02/27/19 05:48	Client	03/04/19 10:00
4214416	GFC-105-11	200.8	02/27/19 05:51	Client	03/04/19 10:00
4214417	GFC-105-11 DUP	200.8	02/27/19 05:51	Client	03/04/19 10:00
4214418	GFC-105-12	200.8	02/27/19 05:55	Client	03/04/19 10:00
4214419	GFC-105-13	200.8	02/27/19 05:56	Client	03/04/19 10:00
4214420	GFC-105-14	200.8	02/27/19 06:01	Client	03/04/19 10:00
4214421	GFC-105-15	200.8	02/27/19 06:03	Client	03/04/19 10:00
4214422	GFC-105-16	200.8	02/27/19 06:06	Client	03/04/19 10:00
4214423	GFC-105-17	200.8	02/27/19 06:07	Client	03/04/19 10:00
4214424	GFC-105-18	200.8	02/27/19 06:10	Client	03/04/19 10:00
4214425	GFC-105-19	200.8	02/27/19 06:12	Client	03/04/19 10:00
4214426	GFC-105-20	200.8	02/27/19 06:15	Client	03/04/19 10:00
4214427	GFC-105-21	200.8	02/27/19 06:16	Client	03/04/19 10:00
4214428	GFC-105-22	200.8	02/27/19 06:18	Client	03/04/19 10:00
4214429	GFC-105-23	200.8	02/27/19 06:20	Client	03/04/19 10:00
4214430	GFC-105-24	200.8	02/27/19 06:22	Client	03/04/19 10:00
4214431	GFC-105-25	200.8	02/27/19 06:24	Client	03/04/19 10:00
4214432	GFC-105-25 DUP	200.8	02/27/19 06:24	Client	03/04/19 10:00
4214433	GFC-105-26	200.8	02/27/19 06:27	Client	03/04/19 10:00
4214434	GFC-105-27	200.8	02/27/19 06:29	Client	03/04/19 10:00
4214435	GFC-105-28	200.8	02/27/19 06:30	Client	03/04/19 10:00

4214436	GFC-105-29	200.8	02/27/19 06:31	Client	03/04/19 10:00
4214437	GFC-105-30	200.8	02/27/19 06:33	Client	03/04/19 10:00
4214438	GFC-105-31	200.8	02/27/19 06:35	Client	03/04/19 10:00
4214439	GFC-105-32	200.8	02/27/19 06:38	Client	03/04/19 10:00
4214440	GFC-105-33	200.8	02/27/19 06:39	Client	03/04/19 10:00
4214441	GFC-105-34	200.8	02/27/19 06:41	Client	03/04/19 10:00
4214442	GFC-105-35	200.8	02/27/19 06:44	Client	03/04/19 10:00
4214443	GFC-105-35 DUP	200.8	02/27/19 06:44	Client	03/04/19 10:00
4214444	GFC-105-36	200.8	02/27/19 06:51	Client	03/04/19 10:00
4214445	GFC-105-37	200.8	02/27/19 06:53	Client	03/04/19 10:00
4214446	GFC-105-38	200.8	02/27/19 06:56	Client	03/04/19 10:00
4214447	GFC-105-39	200.8	02/27/19 06:58	Client	03/04/19 10:00
4214448	GFC-105-40	200.8	02/27/19 07:01	Client	03/04/19 10:00
4214449	GFC-105-41	200.8	02/27/19 07:08	Client	03/04/19 10:00

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 Blackburn at (574) 233-4777.

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

(b) (6) ASM

Authorized Signature Title

03/07/2019

Date

Client Name: OCCU-TEC Inc.
Report #: 444912

Client Name: OCCU-TEC Inc. Report #: 444912

Sampling Point: GFC-105-01 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	**85**	ug/L	---	03/06/19 15:09	4214405
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 15:09	4214405

Sampling Point: GFC-105-02 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	**110**	ug/L	---	03/06/19 15:15	4214406
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 15:15	4214406

Sampling Point: GFC-105-03 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	---	03/06/19 15:17	4214407
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 15:17	4214407

Sampling Point: GFC-105-03 DUP 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	**51**	ug/L	---	03/06/19 15:19	4214408
7439-92-1	Lead	200.8	15 !	1.0	**1.3**	ug/L	---	03/06/19 15:19	4214408

Sampling Point: GFC-105-04 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	**83**	ug/L	---	03/06/19 15:21	4214409
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 15:21	4214409

Client Name: OCCU-TEC Inc. Report #: 444912

Sampling Point: GFC-105-05 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	**26**	ug/L	---	03/06/19 15:22	4214410
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 15:22	4214410

Sampling Point: GFC-105-06 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	**55**	ug/L	---	03/06/19 15:24	4214411
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 15:24	4214411

Sampling Point: GFC-105-07 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	**52**	ug/L	---	03/06/19 15:26	4214412
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 15:26	4214412

Sampling Point: GFC-105-08 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	**110**	ug/L	---	03/06/19 15:28	4214413
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 15:28	4214413

Sampling Point: GFC-105-09 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	**64**	ug/L	---	03/06/19 15:30	4214414
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 15:30	4214414

Client Name: OCCU-TEC Inc. Report #: 444912

Sampling Point: GFC-105-10 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	**63**	ug/L	---	03/06/19 15:35	4214415
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 15:35	4214415

Sampling Point: GFC-105-11 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	**18**	ug/L	---	03/06/19 15:40	4214416
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 15:40	4214416

Sampling Point: GFC-105-11 DUP 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	**15**	ug/L	---	03/06/19 15:42	4214417
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 15:42	4214417

Sampling Point: GFC-105-12 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	**52**	ug/L	---	03/06/19 15:43	4214418
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 15:43	4214418

Sampling Point: GFC-105-13 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	---	03/06/19 15:45	4214419
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 15:45	4214419

Client Name: OCCU-TEC Inc. Report #: 444912

Sampling Point: GFC-105-14 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	**28**	ug/L	---	03/06/19 15:47	4214420
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 15:47	4214420

Sampling Point: GFC-105-15 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	**25**	ug/L	---	03/06/19 15:48	4214421
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 15:48	4214421

Sampling Point: GFC-105-16 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	**50**	ug/L	---	03/06/19 15:50	4214422
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 15:50	4214422

Sampling Point: GFC-105-17 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	**37**	ug/L	---	03/06/19 15:52	4214423
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 15:52	4214423

Sampling Point: GFC-105-18 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	**35**	ug/L	---	03/06/19 15:54	4214424
7439-92-1	Lead	200.8	15 !	1.0	**1.9**	ug/L	---	03/06/19 15:54	4214424

Client Name: OCCU-TEC Inc. Report #: 444912

Sampling Point: GFC-105-19 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	---	03/06/19 16:02	4214425
7439-92-1	Lead	200.8	15 !	1.0	**1.5**	ug/L	---	03/06/19 16:02	4214425

Sampling Point: GFC-105-20 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	**25**	ug/L	---	03/06/19 16:07	4214426
7439-92-1	Lead	200.8	15 !	1.0	**3.2**	ug/L	---	03/06/19 16:07	4214426

Sampling Point: GFC-105-21 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	**94**	ug/L	---	03/06/19 16:09	4214427
7439-92-1	Lead	200.8	15 !	1.0	**420**	ug/L	---	03/06/19 16:09	4214427

Sampling Point: GFC-105-22 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	---	03/06/19 16:11	4214428
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 16:11	4214428

Sampling Point: GFC-105-23 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	**54**	ug/L	---	03/06/19 16:12	4214429
7439-92-1	Lead	200.8	15 !	1.0	**1.2**	ug/L	---	03/06/19 16:12	4214429

Client Name: OCCU-TEC Inc. Report #: 444912

Sampling Point: GFC-105-24 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	**6.7**	ug/L	---	03/06/19 16:14	4214430
7439-92-1	Lead	200.8	15 !	1.0	**1.7**	ug/L	---	03/06/19 16:14	4214430

Sampling Point: GFC-105-25 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	---	03/06/19 16:16	4214431
7439-92-1	Lead	200.8	15 !	1.0	**2.3**	ug/L	---	03/06/19 16:16	4214431

Sampling Point: GFC-105-25 DUP 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	---	03/06/19 16:17	4214432
7439-92-1	Lead	200.8	15 !	1.0	**2.4**	ug/L	---	03/06/19 16:17	4214432

Sampling Point: GFC-105-26 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	**39**	ug/L	---	03/06/19 16:19	4214433
7439-92-1	Lead	200.8	15 !	1.0	**4.5**	ug/L	---	03/06/19 16:19	4214433

Sampling Point: GFC-105-27 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	---	03/06/19 16:21	4214434
7439-92-1	Lead	200.8	15 !	1.0	**4.4**	ug/L	---	03/06/19 16:21	4214434

Client Name: OCCU-TEC Inc. Report #: 444912

Sampling Point: GFC-105-28 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	**26**	ug/L	---	03/06/19 16:26	4214435
7439-92-1	Lead	200.8	15 !	1.0	**6.5**	ug/L	---	03/06/19 16:26	4214435

Sampling Point: GFC-105-29 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	**76**	ug/L	---	03/06/19 16:31	4214436
7439-92-1	Lead	200.8	15 !	1.0	**2.0**	ug/L	---	03/06/19 16:31	4214436

Sampling Point: GFC-105-30 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	**27**	ug/L	---	03/06/19 16:33	4214437
7439-92-1	Lead	200.8	15 !	1.0	**30**	ug/L	---	03/06/19 16:33	4214437

Sampling Point: GFC-105-31 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	**51**	ug/L	---	03/06/19 16:35	4214438
7439-92-1	Lead	200.8	15 !	1.0	**4.8**	ug/L	---	03/06/19 16:35	4214438

Sampling Point: GFC-105-32 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	---	03/06/19 16:36	4214439
7439-92-1	Lead	200.8	15 !	1.0	**1.8**	ug/L	---	03/06/19 16:36	4214439

Client Name: OCCU-TEC Inc. Report #: 444912

Sampling Point: GFC-105-33 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	**92**	ug/L	---	03/06/19 16:38	4214440
7439-92-1	Lead	200.8	15 !	1.0	**2.2**	ug/L	---	03/06/19 16:38	4214440

Sampling Point: GFC-105-34 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	**60**	ug/L	---	03/06/19 16:40	4214441
7439-92-1	Lead	200.8	15 !	1.0	**3.1**	ug/L	---	03/06/19 16:40	4214441

Sampling Point: GFC-105-35 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	---	03/06/19 16:41	4214442
7439-92-1	Lead	200.8	15 !	1.0	**6.2**	ug/L	---	03/06/19 16:41	4214442

Sampling Point: GFC-105-35 DUP 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	**42**	ug/L	---	03/06/19 16:43	4214443
7439-92-1	Lead	200.8	15 !	1.0	**6.0**	ug/L	---	03/06/19 16:43	4214443

Sampling Point: GFC-105-36 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	---	03/06/19 16:45	4214444
7439-92-1	Lead	200.8	15 !	1.0	**1.1**	ug/L	---	03/06/19 16:45	4214444

Client Name: OCCU-TEC Inc. Report #: 444912

Sampling Point: GFC-105-37 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	---	03/06/19 16:53	4214445
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 16:53	4214445

Sampling Point: GFC-105-38 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	**56**	ug/L	---	03/06/19 16:59	4214446
7439-92-1	Lead	200.8	15 !	1.0	**1.4**	ug/L	---	03/06/19 16:59	4214446

Sampling Point: GFC-105-39 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	**50**	ug/L	---	03/06/19 17:00	4214447
7439-92-1	Lead	200.8	15 !	1.0	**1.3**	ug/L	---	03/06/19 17:00	4214447

Sampling Point: GFC-105-40 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	---	03/06/19 17:02	4214448
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 17:02	4214448

Sampling Point: GFC-105-41 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	**22**	ug/L	---	03/06/19 17:04	4214449
7439-92-1	Lead	200.8	15 !	1.0	< 1.0	ug/L	---	03/06/19 17:04	4214449

† 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.

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CHAIN OF CUSTODY RECORD

REPORT TO: JARNOLD@OCCUTEC.COM
100 NW Business Park Lane
Riverside, MO 64150

BILL TO: OCCU-TEC
100 NW Business Park Lane
Riverside, MO 64150

SAMPLER (Signature): (b)(6)

COMPLIANCE MONITORING: Yes ___ No X

PWS ID #: NA
POPULATION SERVED: NA
STATE (sample origin): MO
SOURCE WATER: Municipal
PROJECT NAME: Goodfellow Federal Center
PO#: 918004.002011

	LAB Number	COLLECTION DATE	COLLECTION TIME	AM	PM	SAMPLING SITE	TEST NAME	SAMPLE REMARKS	CHLORINATED YES	CHLORINATED NO	# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
1	4214405	2-27-19	5:24	X		GFC-105-01	Lead + Copper		X		1	DW	SW
2	406	2-27-19	5:29	X		GFC-105-02	Lead + Copper		X		1	DW	SW
3	407	2-27-19	5:31	X		GFC-105-03	Lead + Copper		X		1	DW	SW
4	408	2-27-19	5:31	X		GFC-105-03Dup	Lead + Copper		X		1	DW	SW
5	409	2-27-19	5:34	X		GFC-105-04	Lead + Copper		X		1	DW	SW
6	410	2-27-19	5:37	X		GFC-105-05	Lead + Copper		X		1	DW	SW
7	411	2-27-19	5:38	X		GFC-105-06	Lead + Copper		X		1	DW	SW
8	412	2-27-19	5:39	X		GFC-105-07	Lead + Copper		X		1	DW	SW
9	413	2-27-19	5:43	X		GFC-105-08	Lead + Copper		X		1	DW	SW
10	414	2-27-19	5:45	X		GFC-105-09	Lead + Copper		X		1	DW	SW
11	415	2-27-19	5:48	X		GFC-105-10	Lead + Copper		X		1	DW	SW
12	416	2-27-19	5:51	X		GFC-105-11	Lead + Copper		X		1	DW	SW
13	417	2-27-19	5:51	X		GFC-105-11Dup	Lead + Copper		X		1	DW	SW
14	418	2-27-19	5:55	X		GFC-105-12	Lead + Copper		X		1	DW	SW

	DATE	TIME		DATE	TIME	
RELINQUISHED BY:(Signature) (b)(6)	2-28-19	AM PM	RECEIVED BY:(Signature)		AM PM	LAB RESERVES THE RIGHT TO RETURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT
RELINQUISHED BY:(Signature)		AM PM	RECEIVED BY:(Signature)		AM PM	LAB COMMENTS
RELINQUISHED BY:(Signature)		AM PM	RECEIVED FOR LABORATORY BY: (b)(6)	3-4-19	1000 AM PM	CONDITIONS UPON RECEIPT (check one): ___ Iced: Wet/Blue X Ambient ___ °C Upon Receipt ___ X N/A

MATRIX CODES:

DW-DRINKING WATER
RW-REAGENT WATER
GW-GROUND WATER
EW-EXPOSURE WATER
SW-SURFACE WATER
PW-POOL WATER
WW-WASTE WATER

TURN-AROUND TIME (TAT) - SURCHARGES

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
		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.

eurofins | Eaton Analytical

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

Order # 364813

Batch # _____

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CHAIN OF CUSTODY RECORD

Page 1 of 4

REPORT TO: JARNOLD@OCCUTEC.COM
100 NW Business Park Lane
Riverside, MO 64150

BILL TO: OCCU-TEC
100 NW Business Park Lane
Riverside, MO 64150

SAMPLER (Signature): [redacted (b) (6)]

COMPLIANCE MONITORING: Yes [ ] No [X]

PWS ID #: NA

POPULATION SERVED: NA

STATE (sample origin): MO

SOURCE WATER: Municipal

PROJECT NAME: Goodfellow Federal Center

PO#: 918004.002011

LAB Number	COLLECTION DATE	COLLECTION TIME	AM	PM	SAMPLING SITE	TEST NAME	SAMPLE REMARKS	CHLORINATED YES	CHLORINATED NO	# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
1 4214419	2-27-19	5:54	X		GFC-105-13	Lead + Copper		X		1	DW	SW
2 420	2-27-19	6:01	X		GFC-105-14	Lead + Copper		X		1	DW	SW
3 421	2-27-19	6:03	X		GFC-105-15	Lead + Copper		X		1	DW	SW
4 422	2-27-19	6:06	X		GFC-105-16	Lead + Copper		X		1	DW	SW
5 423	2-27-19	6:07	X		GFC-105-17	Lead + Copper		X		1	DW	SW
6 424	2-27-19	6:10	X		GFC-105-18	Lead + Copper		X		1	DW	SW
7 425	2-27-19	6:12	X		GFC-105-19	Lead + Copper		X		1	DW	SW
8 426	2-27-19	6:15	X		GFC-105-20	Lead + Copper		X		1	DW	SW
9 427	2-27-19	6:16	X		GFC-105-21	Lead + Copper		X		1	DW	SW
10 428	2-27-19	6:18	X		GFC-105-22	Lead + Copper		X		1	DW	SW
11 429	2-27-19	6:20	X		GFC-105-23	Lead + Copper		X		1	DW	SW
12 430	2-27-19	6:22	X		GFC-105-24	Lead + Copper		X		1	DW	SW
13 431	2-27-19	6:24	X		GFC-105-25	Lead + Copper		X		1	DW	SW
14 432	2-27-19	6:24	X		GFC-105-25Dup	Lead + Copper		X		1	DW	SW

RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME
[redacted (b) (6)]	2-28-19	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	[redacted (b) (6)]	3-4-19	1000 AM / PM

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

LAB COMMENTS

CONDITIONS UPON RECEIPT (check one):
___ Iced: Wet/Blue ___X___ Ambient _____ °C Upon Receipt ___X___ N/A

MATRIX CODES:
DW-DRINKING WATER
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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
		STAT* = Less than 48 hours	CALL

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06-LO-F0435 Issue 7.0 Effective Date: 2018-10-11

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.

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Order # 364813
Batch # _____

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CHAIN OF CUSTODY RECORD

REPORT TO: JARNOLD@OCCUTEC.COM
100 NW Business Park Lane
Riverside, MO 64150

BILL TO: OCCU-TEC
100 NW Business Park Lane
Riverside, MO 64150

SAMPLER (Signature): [redacted] (9) (a)

COMPLIANCE MONITORING: Yes [ ] No [X]

PWS ID #: NA
POPULATION SERVED: NA

STATE (sample origin): MO
SOURCE WATER: Municipal

PROJECT NAME: Goodfellow Federal Center

PO#: 918004.002011

LAB Number	COLLECTION DATE	COLLECTION TIME	AM	PM	SAMPLING SITE	TEST NAME	SAMPLE REMARKS	CHLORINATED YES	CHLORINATED NO	# OF CONTAINERS	MATRIX CODE	TURNAROUND TIME
1 4214 433	2-27-19	6:27	X		GFC-105-26	Lead + Copper		X		1	DW	SW
2 434	2-27-19	6:29	X		GFC-105-27	Lead + Copper		X		1	DW	SW
3 435	2-27-19	6:30	X		GFC-105-28	Lead + Copper		X		1	DW	SW
4 436	2-27-19	6:31	X		GFC-105-29	Lead + Copper		X		1	DW	SW
5 437	2-27-19	6:33	X		GFC-105-30	Lead + Copper		X		1	DW	SW
6 438	2-27-19	6:35	X		GFC-105-31	Lead + Copper		X		1	DW	SW
7 439	2-27-19	6:38	X		GFC-105-32	Lead + Copper		X		1	DW	SW
8 440	2-27-19	6:39	X		GFC-105-33	Lead + Copper		X		1	DW	SW
9 441	2-27-19	6:41	X		GFC-105-34	Lead + Copper		X		1	DW	SW
10 442	2-27-19	6:44	X		GFC-105-35	Lead + Copper		X		1	DW	SW
11 443	2-27-19	6:44	X		GFC-105-35DUP	Lead + Copper		X		1	DW	SW
12 444	2-27-19	6:51	X		GFC-105-36	Lead + Copper		X		1	DW	SW
13 445	2-27-19	6:53	X		GFC-105-37	Lead + Copper		X		1	DW	SW
14 446	2-27-19	6:56	X		GFC-105-38	Lead + Copper		X		1	DW	SW

RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME
[redacted] (9) (a)	2-28-19	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: [redacted] (9) (a)	DATE	TIME
		AM PM		3-4-19	1000 AM PM

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

LAB COMMENTS

CONDITIONS UPON RECEIPT (check one):
___ Iced: Wet/Blue ___X___ Ambient ___ °C Upon Receipt ___X___ N/A

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SAMPLER (Signature)

COMPLIANCE MONITORING: Yes ____ No X

PWS ID #: NA

STATE (sample origin): MO

POPULATION SERVED: NA

SOURCE WATER: Municipal

PROJECT NAME: Goodfellow Federal Center

PO#: 918004.002011

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1	4214447	2-27-19	6:58	X		GFC-105-39	Lead + Copper		X		1	DW	SW
2	448	2-27-19	7:01	X		GFC-105-40	Lead + Copper		X		1	DW	SW
3	449	2-27-19	7:08	X		GFC-105-41	Lead + Copper		X		1	DW	SW
4							Lead + Copper						
5							Lead + Copper						
6							Lead + Copper						
7							Lead + Copper						
8							Lead + Copper						
9							Lead + Copper						
10							Lead + Copper						
11							Lead + Copper						
12							Lead + Copper						
13							Lead + Copper						
14							Lead + Copper						

RELINQUISHED BY:(Signature)	DATE	TIME	RECEIVED BY:(Signature)	DATE	TIME
(6) (b)	2-28-19	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: (6) (b)	DATE	TIME
		AM PM		3-4-19	1000 AM PM

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