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March 26, 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. # 104F 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 #104F 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. #104F was conducted on March 01, 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 three (3) distinct locations within Building #104F. A total of four (4) samples were obtained including a duplicate sample. 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         | 0.004 mg/L            | 0.015 mg/L    |
| Copper   | 0.045 mg/L           | 0.170 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

All samples were below the Action Level (AL) for lead.

## 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 #104F ranged from 8.22 to 9.11 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,



Jeff T. Smith Senior Project Manager



Kevin Heriford Project Manager (QA/QC)

#### ATTACHMENTS

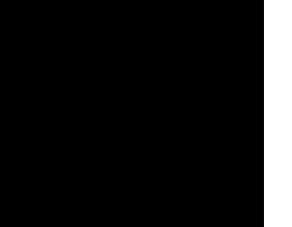
Appendix A, Water Sample Location Diagrams Appendix B, Results Summary by Location Appendix C, Water Sample Laboratory Report

# Appendix A

Water Sample Location Diagrams

Figure 1: Drinking Water Sample Location Maps—Bldg. 104F Goodfellow Federal Center 4300 Goodfellow Boulevard St. Louis, Missouri

Project Number: 918004



# Appendix B

Results Summary by Location

|                | Goodf                                   | ellow Federal Cen        | ter - Building | 104F |         |         |       |             |       |
|----------------|---|--------------------------|----------------|------|---------|---------|-------|-------------|-------|
| Sample Number  | Location                                | Water Source             | Temperature    | рН   | Analyte | Result  | Units | Above/Below | AL    |
|                | 1st Floor Column L 34 - Left Side       | Halsey Taylor            | 12.7           | 8.94 | Copper  | 0.170   | mg/L  | Below AL    | 1.3   |
| GFC-104F-01    | ISt FIOOL COUTINE 34 - Left Side        | Drinking Fountain        | 12.7           | 0.94 | Lead    | 0.0069  | mg/L  | Below AL    | 0.015 |
|                | 1st Floor Column L 34 - Left Side       | Halsey Taylor            | 13.3           | 9.11 | Copper  | 0.110   | mg/L  | Below AL    | 1.3   |
| GFC-104F-02    | ISt FIOOL COUTINE 34 - Left Side        | <b>Drinking Fountain</b> | 15.5           | 9.11 | Lead    | 0.004   | mg/L  | Below AL    | 0.015 |
|                | 2nd Floor Column O 5 - Bottle Filler    | Elkay Drinking           | 14.2           | 8.22 | Copper  | 0.045   | mg/L  | Below AL    | 1.3   |
| GFC-104F-03    | 2110 FIOOI COULTITI O 5 - BOLLIE FILLER | Fountain                 | 14.2           | 0.22 | Lead    | < 0.001 | mg/L  | Below AL    | 0.015 |
|                | 2nd Floor Column O 5 - Bottle Filler    | Elkay Drinking           | 14.2           | 0 77 | Copper  | 0.054   | mg/L  | Below AL    | 1.3   |
| GFC-104F-03DUP | 2nd Floor Column 0.5 - Bottle Filler    | Fountain                 | 14.2           | 8.22 | 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



**Eaton Analytical** 

# 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.

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## 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                | IN00035       | New Jersey*          | IN598            |
| Colorado Radiochemistry | IN00035       | 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             |
| 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*               | T104704187-18-12 |
| Kentucky                | 90056         | Texas/TCEQ           | TX207            |
| Louisiana*              | LA014         | 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



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.             | Report:   | 445609           |
|---------|---------------------------|-----------|------------------|
| Attn:   | Kevin Heriford            | Priority: | Standard Written |
| 7       | 100 NW Business Park Lane | Status:   | Final            |
|         | Riverside, MO 64150       | PWS ID:   | Not Supplied     |

|             | Sampl           | e Information |                          |                  |                         |
|-------------|-----------------|---------------|--------------------------|------------------|-------------------------|
| EEA<br>ID # | Client ID       | Method        | Collected<br>Date / Time | Collected<br>By: | Received<br>Date / Time |
| 4222058     | GFC-104F-01     | 200.8         | 03/01/19 05:40           | Client           | 03/11/19 09:45          |
| 4222059     | GFC-104F-02     | 200.8         | 03/01/19 05:42           | Client           | 03/11/19 09:45          |
| 4222060     | GFC-104F-03     | 200.8         | 03/01/19 05:46           | Client           | 03/11/19 09:45          |
| 4222061     | GFC-104F-03 DUP | 200.8         | 03/01/19 05:46           | Client           | 03/11/19 09:45          |
|             | Repo            | rt 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   | 03/19/2019 |
|---------------|---------------|-------|------------|
| Authorized Si | gnature       | Title | Date       |
| Client Name:  | OCCU-TEC Inc. |       |            |
| Report #:     | 445609        |       |            |

#### Sampling Point: GFC-104F-01

#### PWS ID: Not Supplied

|                 |         |        | Le           | ad and ( | Copper |       |                     |                |             |
|-----------------|---------|--------|--------------|----------|--------|-------|---------------------|----------------|-------------|
| Analyte<br>ID # | Analyte | Method | Reg<br>Limit | MRL†     | Result | Units | Preparation<br>Date | Analyzed       | EEA<br>ID # |
| 7440-50-8       | Copper  | 200.8  | 1300 !       | 1.0      | 170    | ug/L  |                     | 03/14/19 15:07 | 4222058     |
| 7439-92-1       | Lead    | 200.8  | 15 !         | 1.0      | 6.9    | ug/L  |                     | 03/14/19 15:07 | 4222058     |

#### Sampling Point: GFC-104F-02

#### PWS ID: Not Supplied

PWS ID: Not Supplied

|                 |         |        | Le           | ad and ( | Copper |       |                     |                |             |
|-----------------|---------|--------|--------------|----------|--------|-------|---------------------|----------------|-------------|
| Analyte<br>ID # | Analyte | Method | Reg<br>Limit | MRL†     | Result | Units | Preparation<br>Date | Analyzed       | EEA<br>ID # |
| 7440-50-8       | Copper  | 200.8  | 1300 !       | 1.0      | 110    | ug/L  |                     | 03/14/19 15:09 | 4222059     |
| 7439-92-1       | Lead    | 200.8  | 15 !         | 1.0      | 4.0    | ug/L  |                     | 03/14/19 15:09 | 4222059     |

#### Sampling Point: GFC-104F-03

|                 |         |        | Le           | ad and | Copper |       |                     |                |             |
|-----------------|---------|--------|--------------|--------|--------|-------|---------------------|----------------|-------------|
| Analyte<br>ID # | Analyte | Method | Reg<br>Limit | MRL†   | Result | Units | Preparation<br>Date | Analyzed       | EEA<br>ID # |
| 7440-50-8       | Copper  | 200.8  | 1300 !       | 1.0    | 45     | ug/L  |                     | 03/14/19 15:11 | 4222060     |
| 7439-92-1       | Lead    | 200.8  | 15 !         | 1.0    | < 1.0  | ug/L  |                     | 03/14/19 15:11 | 4222060     |

#### Sampling Point: GFC-104F-03 DUP

#### PWS ID: Not Supplied

|                 |         |        | Le           | ad and ( | Copper |       |                     |                |             |
|-----------------|---------|--------|--------------|----------|--------|-------|---------------------|----------------|-------------|
| Analyte<br>ID # | Analyte | Method | Reg<br>Limit | MRL†     | Result | Units | Preparation<br>Date | Analyzed       | EEA<br>ID # |
| 7440-50-8       | Copper  | 200.8  | 1300 !       | 1.0      | 54     | ug/L  |                     | 03/14/19 15:12 | 4222061     |
| 7439-92-1       | Lead    | 200.8  | 15 !         | 1.0      | < 1.0  | ug/L  |                     | 03/14/19 15:12 | 4222061     |

† 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.

# 🛟 eurofins

# **Eaton Analytical**

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

Batch # 44 5

Order #

80

3/11/19

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| No NA MO Goodfallow Gloodfallow   Riverside, MO G4150 Sull TO: OCCU-TEC COMPLIANCE No POPULATION SERVED Source water Federal OOZ011  |
| Riverside, MO 64150<br>SILL TO: OCCUN-TEC<br>TOO NW BUSINESS Park Lane<br>COMPLIANCE<br>MONITORING<br>LAB Number<br>COLLECTION<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>MONITORING<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE<br>COMPLIANCE |
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| LAB Number COLLECTION SAMPLING SITE TEST NAME Curricipal Center   1 C222058 3/1/19 5:40 X GFC-104F-01 Lead + Copper X I DW SW   2 CS9 3/1/19 5:42 X GFC-104F-03 Lead + Copper X I DW SW   3 CleG 3/1/19 5:46 X GFC-104F-03 Lead + Copper X I DW SW   4 3/1/19 5:46 X GFC-104F-03 Lead + Copper X I DW SW   5 O(01 B N6 GFC-104F-03 Lead + Copper X I DW SW   5 O(01 B N6 GFC-104F-03 Lead + Copper X I DW SW   6 03U 2019 100 I W SW GFC-104F-03 Lead + Copper X I DW SW   7 I W SW GFC-104F-03 Lead + Copper X I DW SW   8 W SU GFC-104F-03 Lead + Copper X I DW SW   |
| $\begin{array}{c ccccccccccccccccccccccccccccccccccc$  |
| 3 066 3/1/19 5:46 × 6FL-104F-03 Lead + copper × 1 0W 5W<br>4 3/1/19 5:46 × 6FL-104F-04 * Lead + copper × 1 0W 5W<br>5 061 b N6 6FC-104F-03 Dup Lead + copper × 1 0W 5W<br>6 03112019 100 - 104F -03 Dup Lead + copper × 1<br>1 0W 5W   |
| 4   3/1/19 5:46 ×   GFC-104F-04 *   Lead & Copper   ×   1 pw sw     5   001   b   N6   GFC-104F ~03 DuP   Lead & Copper   ×   1 pw sw     6   03112019 up   1   100   100   100   100     7   1   1   100   100   100   100     8   1   100   100   100   100   100     8   1   100   100   100   100   100     8   1   100   100   100   100   100     8   1   100   100   100   100   100     100   100   100   100   100   100   100     100   100   100   100   100   100   100     100   100   100   100   100   100   100   100     100   100   100   100   100   100   100   100   100     100   100   100   100   100   100  |
| 5 OCOI 6 NO GFC-104F-03 DUP Lead & Copper<br>6 OGU 2019 UP Lead & Copper<br>7 Lead & Copper<br>8 K Did mot Beceive Lead & Copper   |
| 6 OPUSDIG KD<br>7 Lead + Copper<br>8 K Did not Receive Lead + Copper   |
| 7 Lead + Copper<br>8 K Did mot Receive Lead + Copper   |
| 8 K Did not Receive Lead + copper  |
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|  |
| RELINQUISHED BY: (Signature) DATE TIME RECEIVED BY: (Signature) DATE TIME LAB RESERVES THE RIGHT TO REFURN UNUSED PORTIONS OF NON-AQUEOUS SAMPLES TO CLIENT  |
| b) (6)<br>27-19 (2:50<br>LAB COMMENTS<br>Emailed client site change - de to proceed 3/1/19 Act   |
| AM PM  |
| RELINQUISHED BY:(Signature) DATE TIME RECEIVED BY:(Signature) DATE TIME  |
|  |
| AM PM  |
| RELINQUISHED BY: (Signature) DATE TIME RECEIVED FOR LABORATORY BY: DATE. TIME CONDITIONS UPON RECEIPT (check one):   |
| (b) $(b)$  |
| AM PM 311-01 0497 Iced: Wet/Blue X Ambient °C Upon Receipt N/A   |
| MATRIX CODES: TURN-AROUND TIME (TAT) - SURCHARGES  |
| DW-DRINKING WATER SW = Standard Written: (15 working days) 0% IV* = Immediate Verbal: (3 working days) 100%  |
| RW-REAGENT WATER   RV* = Rush Verbal: (5 working days)   50%   IW* = immediate Written: (3 working days)   125%   Samples received unannounced with less     GW-GROUND WATER   50%   IW* = immediate Written: (3 working days)   125%   Samples received unannounced with less   |
| EW-EXPOSURE WATER RW* = Rush Written. (5 working days) 75% SP* = Weekend, Holiday CALL than 48 hours holding time remaining may   SW-SURFACE WATER be subject to additional charges.   |
| PW-POOL WATER STAT* = Lass than 48 hours CALL   WW-WASTE WATER * Please call, expedited service not available for all testing 06.1 O.E0435 levue 7.0 Effective Deloy 2019 40.11  |

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.