
WATER QUALITY TESTING

FOR

***GENEVA COMMUNITY UNIT SCHOOL DISTRICT 304
FRIENDSHIP STATION***

GENEVA, ILLINOIS

SEPTEMBER 12, 2017

PROJECT NUMBER: 17-18349



A DIVISION OF GALLAGHER BASSETT SERVICES, INC.

1550 Hubbard Ave., Batavia, IL 60510, 630-879-3006

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INTRODUCTION

Geneva Community Unit School District 304 implemented a proactive program of water testing at Friendship Station, a preschool attached to Geneva Middle School South. Water sampling was conducted by Ms. Kathryn Hermann of Aires Consulting on September 12, 2017. Mr. Geoffrey J. Bacci II, P.E. designed the study and developed this report.

All sampling methodology followed protocol required by The Lead in Drinking Water Testing Bill (LDWTB) and guidelines published by the Illinois Department of Public Health (IDPH). Detailed background information on testing requirements, methodology and lead health effects are included in the main report to the District that summarizes results and offers recommendations.

RESULTS

Field sheets identifying sample numbers and sample locations maps are included in Appendix I. Laboratory results are included in Appendix II.

The following locations exceeded 5 parts per billion (ppb). Locations that exceeded the EPA action level of 20 ppb are shown in **bold print**.

- **FSS-5A: first draw sample from the bathroom sink in the Room 139 - 26.9 ppb**
- FSS-5B: flush sample from the bathroom sink in the Room 139 – 13.6 ppb
- FSS-8A: first draw sample from the sink in the Room 131 - 6.68 ppb
- **FSS-9A: first draw sample from the bathroom sink in the Room 131 - 23.9 ppb**

Sinks that exceed the EPA action level of 20 ppb should be labeled to avoid using as a drinking or cooking source. Further investigation and corrective action is necessary to identify the lead source and identify corrective action to reduce lead levels.

PROFESSIONAL CERTIFICATION

Aires Consulting, a division of Gallagher Bassett Services, Inc. conducted this study in the interest of Geneva Community Unit School District 304 to assist in meeting environmental obligations and regulations. In this respect, we hope the results of this study are useful. *This study was not intended to include every environmental exposure that may be present at the facility; only those items specifically addressed in the report were evaluated.* If you have any questions concerning this study please let us know.

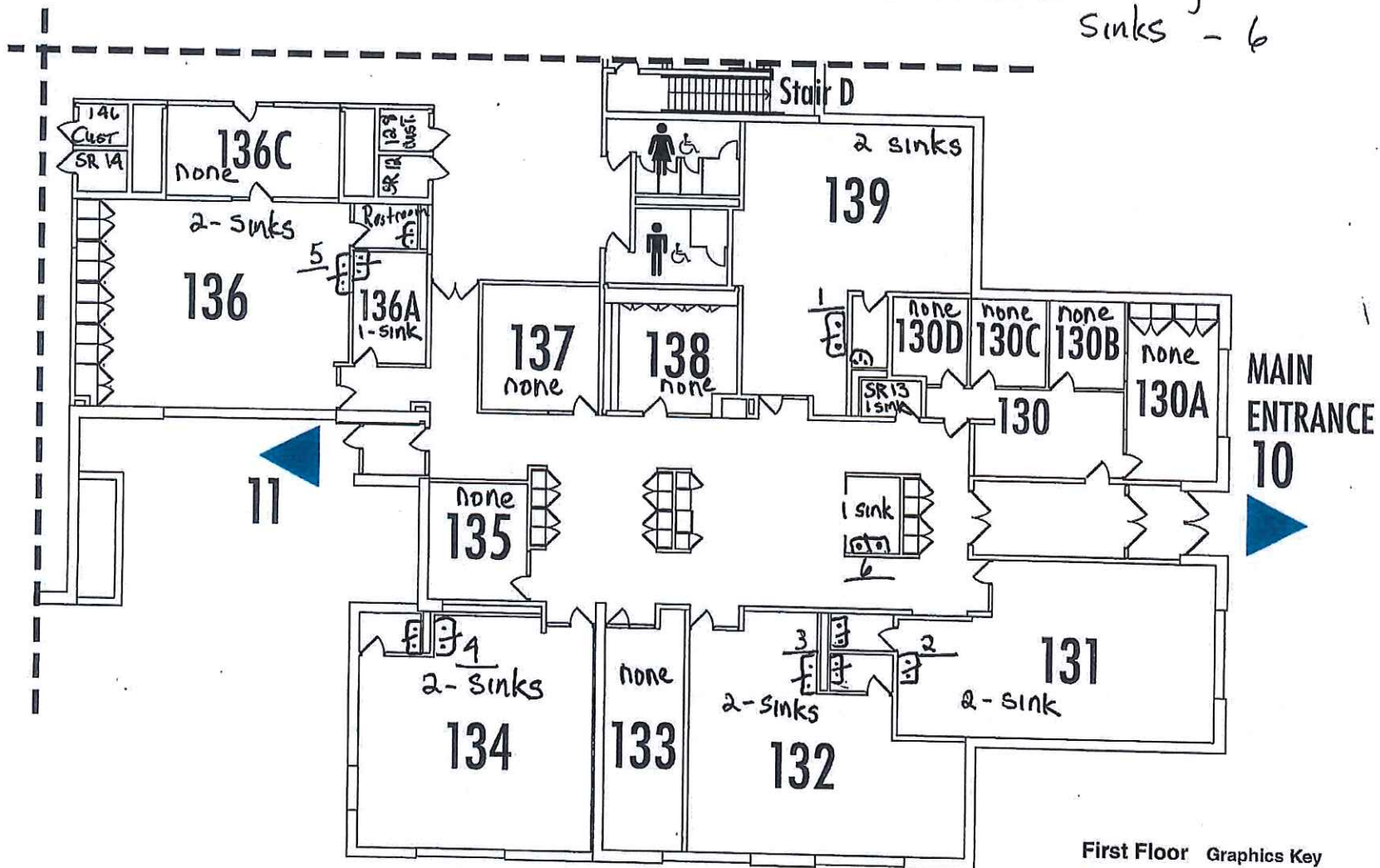
Respectfully Submitted,



Geoffrey J. Bacci II, P.E.
Director of Operations

MASTER MAP - FRIENDSHIP STATION

Drinking fountains - 0
Sinks - 6



First Floor Graphics Key
▶ Building Exits

| ISBE ID | Building ID | Building Description | Sample Date | Sample Time (12 HR Clock) | Collected By | Sample ID Number | Sample Location Description | Fixture Type | Date of Last Use | Time of Last Use (12 HR Clock) | Sample Type | Sample Volume (mL) | Laboratory Name | Analytical Method | Concentration (ug/L) | Reporting Limit (ug/L) | Notes |
|----------------|-------------|----------------------|-------------|---------------------------|-----------------|------------------|-----------------------------|--------------|------------------|--------------------------------|-------------|--------------------|--------------------|-------------------|----------------------|------------------------|-------|
| 31045304261002 | | | 09/12/2017 | 06:40 AM | Kathryn Hermann | FSCS-1A | Rm. 136 | S - Sink | 09/11/2017 | 07:00 PM | First Draw | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 06:41 AM | Kathryn Hermann | FSCS-1B | Rm. 136 | S - Sink | 09/11/2017 | 07:00 PM | Flush | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 06:42 AM | Kathryn Hermann | FSS-2A | Bathroom (BR) in Rm. 136 | S - Sink | 09/11/2017 | 07:00 PM | First Draw | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 06:43 AM | Kathryn Hermann | FSS-2B | BR in Rm. 136 | S - Sink | 09/11/2017 | 07:00 PM | Flush | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 06:45 AM | Kathryn Hermann | FSS-3A | Rm. 136A | S - Sink | 09/11/2017 | 07:00 PM | First Draw | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 06:46 AM | Kathryn Hermann | FSS-3B | Rm. 136A | S - Sink | 09/11/2017 | 07:00 PM | Flush | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 06:50 AM | Kathryn Hermann | FSCS-4A | Rm. 139 | S - Sink | 09/11/2017 | 07:00 PM | First Draw | 250 | Prairie Analytical | EPA 200.8 | 3.21 ppb | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 06:51 AM | Kathryn Hermann | FSCS-4B | Rm. 139 | S - Sink | 09/11/2017 | 07:00 PM | Flush | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 06:52 AM | Kathryn Hermann | FSS-5A | BR in Rm. 139 | S - Sink | 09/11/2017 | 07:00 PM | First Draw | 250 | Prairie Analytical | EPA 200.8 | 26.9 ppb | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 06:53 AM | Kathryn Hermann | FSS-5B | BR in Rm. 139 | S - Sink | 09/11/2017 | 07:00 PM | Flush | 250 | Prairie Analytical | EPA 200.8 | 13.6 ppb | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 06:56 AM | Kathryn Hermann | FSS-6A | BR in Rm. SR13 | S - Sink | 09/11/2017 | 07:00 PM | First Draw | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 06:57 AM | Kathryn Hermann | FSS-6B | BR in Rm. SR13 | S - Sink | 09/11/2017 | 07:00 PM | Flush | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 06:59 AM | Kathryn Hermann | FSS-7A | Sink in Kitchen area | S - Sink | 09/11/2017 | 07:00 PM | First Draw | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 07:00 AM | Kathryn Hermann | FSS-7B | Sink in Kitchen area | S - Sink | 09/11/2017 | 07:00 PM | Flush | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 07:01 AM | Kathryn Hermann | FSCS-8A | Rm. 131 | S - Sink | 09/11/2017 | 07:00 PM | First Draw | 250 | Prairie Analytical | EPA 200.8 | 6.68 ppb | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 07:02 AM | Kathryn Hermann | FSCS-8B | Rm. 131 | S - Sink | 09/11/2017 | 07:00 PM | Flush | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 07:03 AM | Kathryn Hermann | FSS-9A | BR in Rm. 131 | S - Sink | 09/11/2017 | 07:00 PM | First Draw | 250 | Prairie Analytical | EPA 200.8 | 23.9 ppb | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 07:04 AM | Kathryn Hermann | FSS-9B | BR in Rm. 131 | S - Sink | 09/11/2017 | 07:00 PM | Flush | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 07:05 AM | Kathryn Hermann | FSCS-10A | Rm. 132 | S - Sink | 09/11/2017 | 07:00 PM | First Draw | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 07:06 AM | Kathryn Hermann | FSCS-10B | Rm. 132 | S - Sink | 09/11/2017 | 07:00 PM | Flush | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 07:07 AM | Kathryn Hermann | FSS-11A | BR in Rm. 132 | S - Sink | 09/11/2017 | 07:00 PM | First Draw | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 07:08 AM | Kathryn Hermann | FSS-11B | BR in Rm. 132 | S - Sink | 09/11/2017 | 07:00 PM | Flush | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 07:10 AM | Kathryn Hermann | FSCS-12A | Rm. 134 | S - Sink | 09/11/2017 | 07:00 PM | First Draw | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 07:11 AM | Kathryn Hermann | FSCS-12B | Rm. 134 | S - Sink | 09/11/2017 | 07:00 PM | Flush | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 07:12 AM | Kathryn Hermann | FSCS-13A | BR in Rm. 134 | S - Sink | 09/11/2017 | 07:00 PM | First Draw | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |
| 31045304261002 | | | 09/12/2017 | 07:13 AM | Kathryn Hermann | FSCS-13B | BR in Rm. 134 | S - Sink | 09/11/2017 | 07:00 PM | Flush | 250 | Prairie Analytical | EPA 200.8 | ND | 2.00 ppb | |



Tuesday, October 3, 2017

Geoff Bacci II
 Aires Consulting Group
 1550 Hubbard Ave.
 Batavia, IL 60510
 TEL: (630) 879-3006
 FAX: (630) 879-3014

RE: 17-18349 Geneva Friendship Station

PAS WO: 1710497

Prairie Analytical Systems, Inc. received 26 sample(s) on 9/15/2017 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to contact me at (224) 253-1348.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Christina E. Pierce".

Christina E. Pierce
 Project Manager

Certifications: NELAP/NELAC - IL #100323

| | | | | | | |
|-------------------------------|---|-----------------------------|---|----------------|---|--------------------|
| 1210 Capital Airport Drive | * | Springfield, IL 62707 | * | 1.217.753.1148 | * | 1.217.753.1152 Fax |
| 9114 Virginia Road Suite #112 | * | Lake in the Hills, IL 60156 | * | 1.847.651.2604 | * | 1.847.458.0538 Fax |

Prairie Analytical Systems, Inc.

Date: 10/3/2017

LABORATORY RESULTS

Client: Aires Consulting Group
 Project: 17-18349 Geneva Friendship Station
 Client Sample ID: FSCS-1A
 Collection Date: 9/12/17 6:40

Lab Order: 17I0497
 Lab ID: 17I0497-01
 Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| Metals by ICP-MS | | | | | | | | | |
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 10:50 | EPA200.8 | LAH |

Client Sample ID: FSCS-1B
 Collection Date: 9/12/17 6:41

Lab ID: 17I0497-02
 Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| Metals by ICP-MS | | | | | | | | | |
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 10:59 | EPA200.8 | LAH |

Client Sample ID: FSS-2A
 Collection Date: 9/12/17 6:42

Lab ID: 17I0497-03
 Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| Metals by ICP-MS | | | | | | | | | |
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 11:01 | EPA200.8 | LAH |

Client Sample ID: FSS-2B
 Collection Date: 9/12/17 6:43

Lab ID: 17I0497-04
 Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| Metals by ICP-MS | | | | | | | | | |
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 11:04 | EPA200.8 | LAH |

Client Sample ID: FSS-3A
 Collection Date: 9/12/17 6:45

Lab ID: 17I0497-05
 Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| Metals by ICP-MS | | | | | | | | | |
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 11:07 | EPA200.8 | LAH |

Client Sample ID: FSS-3B
 Collection Date: 9/12/17 6:46

Lab ID: 17I0497-06
 Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| Metals by ICP-MS | | | | | | | | | |
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 11:19 | EPA200.8 | LAH |

Client Sample ID: FSCS-4A
 Collection Date: 9/12/17 6:50

Lab ID: 17I0497-07
 Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| Metals by ICP-MS | | | | | | | | | |
| *Lead | 3.21 | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 11:21 | EPA200.8 | LAH |

Prairie Analytical Systems, Inc.

Date: 10/3/2017

LABORATORY RESULTS

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|----------------------------------------------------|--------|-------|------|-------|---------------------------|---------------|---------------|----------|---------|
| Client: Aires Consulting Group | | | | | | | | | |
| Project: 17-18349 Geneva Friendship Station | | | | | Lab Order: 17I0497 | | | | |
| Client Sample ID: FSCS-4B | | | | | | | | | |
| Collection Date: 9/12/17 6:51 | | | | | Lab ID: 17I0497-08 | | | | |
| Matrix: Drinking Water | | | | | | | | | |
| Metals by ICP-MS | | | | | | | | | |
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 11:24 | EPA200.8 | LAH |
| Client Sample ID: FSS-5A | | | | | | | | | |
| Collection Date: 9/12/17 6:52 | | | | | Lab ID: 17I0497-09 | | | | |
| Matrix: Drinking Water | | | | | | | | | |
| Metals by ICP-MS | | | | | | | | | |
| *Lead | 26.9 | 2.00 | | µg/L | 1 | 9/29/17 8:45 | 9/29/17 20:32 | EPA200.8 | LAH |
| Client Sample ID: FSS-5B | | | | | | | | | |
| Collection Date: 9/12/17 6:53 | | | | | Lab ID: 17I0497-10 | | | | |
| Matrix: Drinking Water | | | | | | | | | |
| Metals by ICP-MS | | | | | | | | | |
| *Lead | 13.6 | 2.00 | | µg/L | 1 | 9/29/17 8:45 | 9/29/17 20:35 | EPA200.8 | LAH |
| Client Sample ID: FSS-6A | | | | | | | | | |
| Collection Date: 9/12/17 6:56 | | | | | Lab ID: 17I0497-11 | | | | |
| Matrix: Drinking Water | | | | | | | | | |
| Metals by ICP-MS | | | | | | | | | |
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 11:27 | EPA200.8 | LAH |
| Client Sample ID: FSS-6B | | | | | | | | | |
| Collection Date: 9/12/17 6:57 | | | | | Lab ID: 17I0497-12 | | | | |
| Matrix: Drinking Water | | | | | | | | | |
| Metals by ICP-MS | | | | | | | | | |
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 11:30 | EPA200.8 | LAH |
| Client Sample ID: FSS-7A | | | | | | | | | |
| Collection Date: 9/12/17 6:59 | | | | | Lab ID: 17I0497-13 | | | | |
| Matrix: Drinking Water | | | | | | | | | |
| Metals by ICP-MS | | | | | | | | | |
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 11:33 | EPA200.8 | LAH |
| Client Sample ID: FSS-7B | | | | | | | | | |
| Collection Date: 9/12/17 7:00 | | | | | Lab ID: 17I0497-14 | | | | |
| Matrix: Drinking Water | | | | | | | | | |
| Metals by ICP-MS | | | | | | | | | |
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 11:41 | EPA200.8 | LAH |

Prairie Analytical Systems, Inc.

Date: 10/3/2017

LABORATORY RESULTS

Client: Aires Consulting Group
Project: 17-18349 Geneva Friendship Station
Client Sample ID: FSS-7B
Collection Date: 9/12/17 7:00

Lab Order: 17I0497
Lab ID: 17I0497-14
Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|----------|--------|-------|------|-------|----|---------------|---------------|--------|---------|
|----------|--------|-------|------|-------|----|---------------|---------------|--------|---------|

Client Sample ID: FSCS-8A
Collection Date: 9/12/17 7:01

Lab ID: 17I0497-15
Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|----------|--------|-------|------|-------|----|---------------|---------------|--------|---------|
|----------|--------|-------|------|-------|----|---------------|---------------|--------|---------|

Metals by ICP-MS

| | | | | | | | | | |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|
| *Lead | 6.68 | 2.00 | | µg/L | 1 | 9/29/17 8:45 | 9/29/17 20:38 | EPA200.8 | LAH |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|

Client Sample ID: FSCS-8B
Collection Date: 9/12/17 7:02

Lab ID: 17I0497-16
Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|----------|--------|-------|------|-------|----|---------------|---------------|--------|---------|
|----------|--------|-------|------|-------|----|---------------|---------------|--------|---------|

Metals by ICP-MS

| | | | | | | | | | |
|-------|---|------|--|------|---|---------------|---------------|----------|-----|
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 11:44 | EPA200.8 | LAH |
|-------|---|------|--|------|---|---------------|---------------|----------|-----|

Client Sample ID: FSS-9A
Collection Date: 9/12/17 7:03

Lab ID: 17I0497-17
Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|----------|--------|-------|------|-------|----|---------------|---------------|--------|---------|
|----------|--------|-------|------|-------|----|---------------|---------------|--------|---------|

Metals by ICP-MS

| | | | | | | | | | |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|
| *Lead | 23.9 | 2.00 | | µg/L | 1 | 9/29/17 8:45 | 9/29/17 20:41 | EPA200.8 | LAH |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|

Client Sample ID: FSS-9B
Collection Date: 9/12/17 7:04

Lab ID: 17I0497-18
Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|----------|--------|-------|------|-------|----|---------------|---------------|--------|---------|
|----------|--------|-------|------|-------|----|---------------|---------------|--------|---------|

Metals by ICP-MS

| | | | | | | | | | |
|-------|---|------|--|------|---|---------------|---------------|----------|-----|
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 11:56 | EPA200.8 | LAH |
|-------|---|------|--|------|---|---------------|---------------|----------|-----|

Client Sample ID: FSCS-10A
Collection Date: 9/12/17 7:05

Lab ID: 17I0497-19
Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|----------|--------|-------|------|-------|----|---------------|---------------|--------|---------|
|----------|--------|-------|------|-------|----|---------------|---------------|--------|---------|

Metals by ICP-MS

| | | | | | | | | | |
|-------|---|------|--|------|---|---------------|---------------|----------|-----|
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 11:59 | EPA200.8 | LAH |
|-------|---|------|--|------|---|---------------|---------------|----------|-----|

Client Sample ID: FSCS-10B
Collection Date: 9/12/17 7:06

Lab ID: 17I0497-20
Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|----------|--------|-------|------|-------|----|---------------|---------------|--------|---------|
|----------|--------|-------|------|-------|----|---------------|---------------|--------|---------|

Metals by ICP-MS

| | | | | | | | | | |
|-------|---|------|--|------|---|---------------|---------------|----------|-----|
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 12:02 | EPA200.8 | LAH |
|-------|---|------|--|------|---|---------------|---------------|----------|-----|

Prairie Analytical Systems, Inc.

Date: 10/3/2017

LABORATORY RESULTS

Client: Aires Consulting Group
Project: 17-18349 Geneva Friendship Station
Client Sample ID: FSS-11A
Collection Date: 9/12/17 7:07

Lab Order: 17I0497
Lab ID: 17I0497-21
Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| Metals by ICP-MS | | | | | | | | | |
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 12:04 | EPA200.8 | LAH |

Client Sample ID: FSS-11B
Collection Date: 9/12/17 7:08

Lab ID: 17I0497-22
Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| Metals by ICP-MS | | | | | | | | | |
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 12:07 | EPA200.8 | LAH |

Client Sample ID: FSCS-12A
Collection Date: 9/12/17 7:10

Lab ID: 17I0497-23
Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| Metals by ICP-MS | | | | | | | | | |
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 12:10 | EPA200.8 | LAH |

Client Sample ID: FSCS-12B
Collection Date: 9/12/17 7:11

Lab ID: 17I0497-24
Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| Metals by ICP-MS | | | | | | | | | |
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:07 | 9/29/17 12:13 | EPA200.8 | LAH |

Client Sample ID: FSCS-13A
Collection Date: 9/12/17 7:12

Lab ID: 17I0497-25
Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| Metals by ICP-MS | | | | | | | | | |
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:11 | 9/29/17 12:22 | EPA200.8 | LAH |

Client Sample ID: FSCS-13B
Collection Date: 9/12/17 7:13

Lab ID: 17I0497-26
Matrix: Drinking Water

| Analyses | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| Metals by ICP-MS | | | | | | | | | |
| *Lead | U | 2.00 | | µg/L | 1 | 9/28/17 13:11 | 9/29/17 12:42 | EPA200.8 | LAH |

Prairie Analytical Systems, Inc.

Date: 10/3/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18349 Geneva Friendship Station

Lab Order: 17I0497

Metals by ICP-MS - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|
|---------|--------|-----------------|-------|-------------|---------------|------|-------------|-----|-----------|-------|

Batch A005997 - EPA 200.8 Metals**Blank (A005997-BLK1)**

Prepared: 09/28/201 Analyzed: 09/29/201

Lead U 2.00 µg/L

LCS (A005997-BS1)

Prepared: 09/28/201 Analyzed: 09/29/201

Lead 478 2.00 µg/L 500.00 96 85-115

Matrix Spike (A005997-MS1)

Source: 17I0497-01

Prepared: 09/28/201 Analyzed: 09/29/201

Lead 464 2.00 µg/L 500.00 0.574 93 75-125

Matrix Spike (A005997-MS2)

Source: 17I0497-13

Prepared: 09/28/201 Analyzed: 09/29/201

Lead 472 2.00 µg/L 500.00 1.41 94 75-125

Matrix Spike Dup (A005997-MSD1)

Source: 17I0497-01

Prepared: 09/28/201 Analyzed: 09/29/201

Lead 464 2.00 µg/L 500.00 0.574 93 75-125 0.03 20

Matrix Spike Dup (A005997-MSD2)

Source: 17I0497-13

Prepared: 09/28/201 Analyzed: 09/29/201

Lead 478 2.00 µg/L 500.00 1.41 95 75-125 1 20

Batch A005998 - EPA 200.8 Metals**Blank (A005998-BLK1)**

Prepared: 09/28/201 Analyzed: 09/29/201

Lead U 2.00 µg/L

LCS (A005998-BS1)

Prepared: 09/28/201 Analyzed: 09/29/201

Lead 462 2.00 µg/L 500.00 92 85-115

Matrix Spike (A005998-MS1)

Source: 17I0497-25

Prepared: 09/28/201 Analyzed: 09/29/201

Lead 463 2.00 µg/L 500.00 1.69 92 75-125

Prairie Analytical Systems, Inc.

Date: 10/3/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18349 Geneva Friendship Station

Lab Order: 17I0497

Metals by ICP-MS - Quality Control

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

Batch A005998 - EPA 200.8 Metals

Matrix Spike (A005998-MS2) Source: 17I0498-09 Prepared: 09/28/201 Analyzed: 09/29/201

Lead 454 2.00 µg/L 500.00 5.30 90 75-125

Matrix Spike Dup (A005998-MSD1) Source: 17I0497-25 Prepared: 09/28/201 Analyzed: 09/29/201

Lead 470 2.00 µg/L 500.00 1.69 94 75-125 1 20

Batch A006033 - EPA 200.8 Metals

Blank (A006033-BLK1) Prepared & Analyzed: 09/29/201

Lead U 2.00 µg/L

LCS (A006033-BS1) Prepared & Analyzed: 09/29/201

Lead 471 2.00 µg/L 500.00 94 85-115

Matrix Spike (A006033-MS1) Source: 17I0499-17 Prepared & Analyzed: 09/29/201

Lead 494 2.00 µg/L 500.00 55.7 88 75-125

Matrix Spike Dup (A006033-MSD1) Source: 17I0499-17 Prepared & Analyzed: 09/29/201

Lead 503 2.00 µg/L 500.00 55.7 89 75-125 2 20

Prairie Analytical Systems, Inc.**Date:** 10/3/2017

LABORATORY RESULTS**Client:** Aires Consulting Group**Project:** 17-18349 Geneva Friendship Station**Lab Order:** 17I0497

Notes and Definitions

* NELAC certified compound.

U Analyte not detected (i.e. less than RL or MDL).

Chain of Custody Record

Central IL - 1210 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152
 Chicago IL Office - 3114 Virginia Rd., Ste 112 - Lake in the Hills, IL 60156 - Phone (847) 651-2604 - Facsimile (847) 458-9680
 Central / Southern IL Contact - Phone (217) 414-7762 - Facsimile (217) 753-1152



| | | | | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Client: Aires Consulting - Gallagher Bassett | | Analysis and/or Method Requested | | Reporting | |
| Address: 1550 Hubbard Ave | | Lead in Drinking Water - IL | | <input type="checkbox"/> CCDD <input type="checkbox"/> Residential <input type="checkbox"/> Industrial / Commercial | |
| City, State, Zip Code: Batavia, IL 60510 | | | | <input type="checkbox"/> A <input type="checkbox"/> D <input type="checkbox"/> B <input type="checkbox"/> E <input type="checkbox"/> C <input type="checkbox"/> F | |
| Phone / Facsimile: 630.879.3006 | | | | <input type="checkbox"/> Residential <input type="checkbox"/> Industrial | |
| Project Name / Number: 17-18349 | | | | SAMPLER COMMENTS | |
| Project Location: Geneva Friendship Station | | | | | |
| P.O. # or Invoice To: 17-18349 | | | | | |
| Contact Person: Geoff Baccii II | | | | | |
| Sample Description | | Sampling Date | | Time | |
| | | | | | |
| | | Matrix Code | | Preserv Code | |
| | | | | | |
| | | No. of Containers | | Sample Type | |
| | | | | Grab | |
| See attached Addendum (2 pages) for sample information (20 samples) | | X | | | |
| <p>Unless otherwise noted:</p> <p>Matrix Code: DW/ Preservative Code: 0 No. of containers per sample: 1 Sample Type: Grab Analysis requested: Lead in Drinking Water</p> | | | | | |
| Matrix Code | | Date | | Time | |
| A - Aqueous | | DW - Drinking Water | | GW - Ground Water | |
| 0 - None | | 1 - HCl | | 2 - H2SO4 | |
| 3 - HNO3 | | S - Solid | | O - Oil | |
| 4 - NaOH | | NA - Non-Aqueous Liquid | | 5 - 5035 Kit | |
| X - Other (Specify) | | X - Other (Specify) | | X - Other (Specify) | |
| Relinquished By | | Received By | | Method of Shipment | |
| Battin Gorman | | 9/13/17 | | 9/14/17 | |
| Aires | | 9/15/17 | | 9/15/17 | |
| Aires | | 9/18/17 | | 9-19-17 | |
| Aires | | 12:30 PM | | 2:30 PM | |
| Aires | | 12:35 PM | | 12:35 | |
| Aires | | 1:00 PM | | 10:45 | |
| Aires | | 1:00 PM | | UPS | |
| Instructions: | | Turnaround Time: Standard | | On wet ice? | |
| | | Rush | | Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> | |
| | | Date Required: | | Temperature (°C) | |
| | | 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> | | 22.1 | |

ISBE ID: 310453040261002

Building ID: 1

Building Description: Geneva Friendship Station

Sample Collect: 9/12/2017

Collected by: Kathryn Hermann

| Sample Time (12 HR Clock) | Sample ID Number | Sample Location Description | Fixture Type | Date of Last Use | Time of Last Use (12 HR Clock) | Sample Type | Sample Volume (mL) | Notes |
|---------------------------|------------------|-----------------------------|--------------|------------------|--------------------------------|-------------|--------------------|-------|
| 6:40 AM | ✓ FSCS-1A | Rm. 136 | S - Sink | 9/11/2017 | 7:00 PM | First Draw | 250 | |
| 6:41 AM | ✓ FSCS-1B | Rm. 136 | S - Sink | 9/11/2017 | 7:00 PM | Flush | 250 | |
| 6:42 AM | ✓ FSS-2A | Bathroom (BR) in Rm. 136 | S - Sink | 9/11/2017 | 7:00 PM | First Draw | 250 | |
| 6:43 AM | ✓ FSS-2B | BR in Rm. 136 | S - Sink | 9/11/2017 | 7:00 PM | Flush | 250 | |
| 6:45 AM | ✓ FSS-3A | Rm. 136A | S - Sink | 9/11/2017 | 7:00 PM | First Draw | 250 | |
| 6:46 AM | ✓ FSS-3B | Rm. 136A | S - Sink | 9/11/2017 | 7:00 PM | Flush | 250 | |
| 6:50 AM | ✓ FSCS-4A | Rm. 139 | S - Sink | 9/11/2017 | 7:00 PM | First Draw | 250 | |
| 6:51 AM | ✓ FSCS-4B | Rm. 139 | S - Sink | 9/11/2017 | 7:00 PM | Flush | 250 | |
| 6:52 AM | ✓ FSS-5A | BR in Rm. 139 | S - Sink | 9/11/2017 | 7:00 PM | First Draw | 250 | |
| 6:53 AM | ✓ FSS-5B | BR in Rm. 139 | S - Sink | 9/11/2017 | 7:00 PM | Flush | 250 | |
| 6:56 AM | ✓ FSS-6A | BR in Rm. SR13 | S - Sink | 9/11/2017 | 7:00 PM | First Draw | 250 | |
| 6:57 AM | ✓ FSS-6B | BR in Rm. SR13 | S - Sink | 9/11/2017 | 7:00 PM | Flush | 250 | |
| 6:59 AM | ✓ FSS-7A | Sink in kitchen area | S - Sink | 9/11/2017 | 7:00 PM | First Draw | 250 | |
| 7:00 AM | ✓ FSS-7B | Sink in kitchen area | S - Sink | 9/11/2017 | 7:00 PM | Flush | 250 | |
| 7:01 AM | ✓ FSCS-8A | Rm. 131 | S - Sink | 9/11/2017 | 7:00 PM | First Draw | 250 | |
| 7:02 AM | ✓ FSCS-8B | Rm. 131 | S - Sink | 9/11/2017 | 7:00 PM | Flush | 250 | |
| 7:03 AM | ✓ FSS-9A | BR in Rm. 131 | S - Sink | 9/11/2017 | 7:00 PM | First Draw | 250 | |
| 7:04 AM | ✓ FSS-9B | BR in Rm. 131 | S - Sink | 9/11/2017 | 7:00 PM | Flush | 250 | |
| 7:05 AM | ✓ FSCS-10A | Rm. 132 | S - Sink | 9/11/2017 | 7:00 PM | First Draw | 250 | |
| 7:06 AM | ✓ FSCS-10B | Rm. 132 | S - Sink | 9/11/2017 | 7:00 PM | Flush | 250 | |

IS3E ID: 310453040261002

Building ID: 1

Building Descrip: Geneva Friendship Station

Sample Collecti: 9/12/2017

Collected by: Kathryn Hermann

| Sample Time: (12 HR Clock) | Sample ID Number | Sample Location Description | Fixture Type | Date of Last Use | Time of Last Use (12 HR Clock) | Sample Type | Sample Volume (ml) | Notes |
|-------------------------------|---------------------|--------------------------------|--------------|---------------------|--------------------------------------|-------------|--------------------------|-------|
| 7:07 AM | ✓ FSS-11A | BR in Rm. 132 | S - Sink | 9/11/2017 | 7:00 PM | First Draw | 250 | |
| 7:08 AM | ✓ FSS-11B | BR in Rm. 132 | S - Sink | 9/11/2017 | 7:00 PM | Flush | 250 | |
| 7:10 AM | ✓ FSCS-12A | Rm. 134 | S - Sink | 9/11/2017 | 7:00 PM | First Draw | 250 | |
| 7:11 AM | ✓ FSCS-12B | Rm. 134 | S - Sink | 9/11/2017 | 7:00 PM | Flush | 250 | |
| 7:12 AM | ✓ FSCS-13A | BR in Rm. 134 | S - Sink | 9/11/2017 | 7:00 PM | First Draw | 250 | |
| 7:13 AM | ✓ FSCS-13B | BR in Rm. 134 | S - Sink | 9/11/2017 | 7:00 PM | Flush | 250 | |
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