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***WATER QUALITY TESTING***

***FOR***

***SYCAMORE COMMUNITY SCHOOL DISTRICT #427  
NORTH ELEMENTARY***

***SYCAMORE, ILLINOIS***

***SEPTEMBER 29, 2017***

***PROJECT NUMBER: 17-18300***

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## **INTRODUCTION**

Sycamore Community Unit School District (CUSD) 427 implemented a proactive program of water testing at North Elementary School. Water sampling was conducted by Mr. Dan Petras of Aires Consulting on September 29, 2017. Mr. Geoffrey J. Bacci II, P.E. designed the study and developed this report.

All sources that exceeded the USEPA's recommended Action Level of 20 ppb were re-tested by Dan Petras on November 8, 2017.

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**.

- NS-2A: first draw sample from sink N-2 in the Nurse's Office - 13.3 ppb
- NWF-7A: first draw sample from the water cooler in Room 306 - 9.88 ppb
- **NKS-11A: first draw sample from kitchen sink N-8 in Room 405 - 21.9 ppb**
- **NCS-18A: first draw sample from classroom sink N-15 in Room 106 - 25.6 ppb**
- NCS-18B: flush sample from classroom sink N-15 in Room 106 - 9.64 ppb
- NWF-23A: first draw sample from drinking fountain N-22 in Room 103 - 11.0 ppb
- NWF-24A: first draw sample from drinking fountain N-23 in Room 102 - 8.38 ppb
- NCS-27A: first draw sample from sink N-24 in Room 202 - 6.30 ppb
- NCS-28A: first draw sample from sink N-25 in Room 203 - 15.9 ppb
- NCS-28B: flush sample from sink N-25 in Room 203 - 5.39 ppb

Sources that exceed 5 ppb require parent notification within 7 days per IDPH guidelines. Remaining results should be at minimum posted on the Districts website. All sample results should be e-mailed to IDPH within 7 days.

### **RE-TESTING RESULTS**

All sources that exceeded the USEPA's recommended Action Level of 20 ppb were re-tested on November 8, 2017. Laboratory results are included in Appendix III. The following locations exceeded 5 parts per billion (ppb). Locations that exceeded the EPA action level of 20 ppb are shown in **bold print**.

- N-8A: first draw sample from kitchen sink N-8 in Room 405 - 8.77 ppb
- N-15A: first draw sample from classroom sink N-15 in Room 106 – 6.13 ppb
- N-15B: flush sample from classroom sink N-15 in Room 106 – 6.13 ppb

None of the re-testing results exceeded the EPA's recommended action level of 20 ppb.

### **PROFESSIONAL CERTIFICATION**

Aires Consulting, a division of Gallagher Bassett Services, Inc. conducted this study in the interest of Sycamore CUSD 427 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.

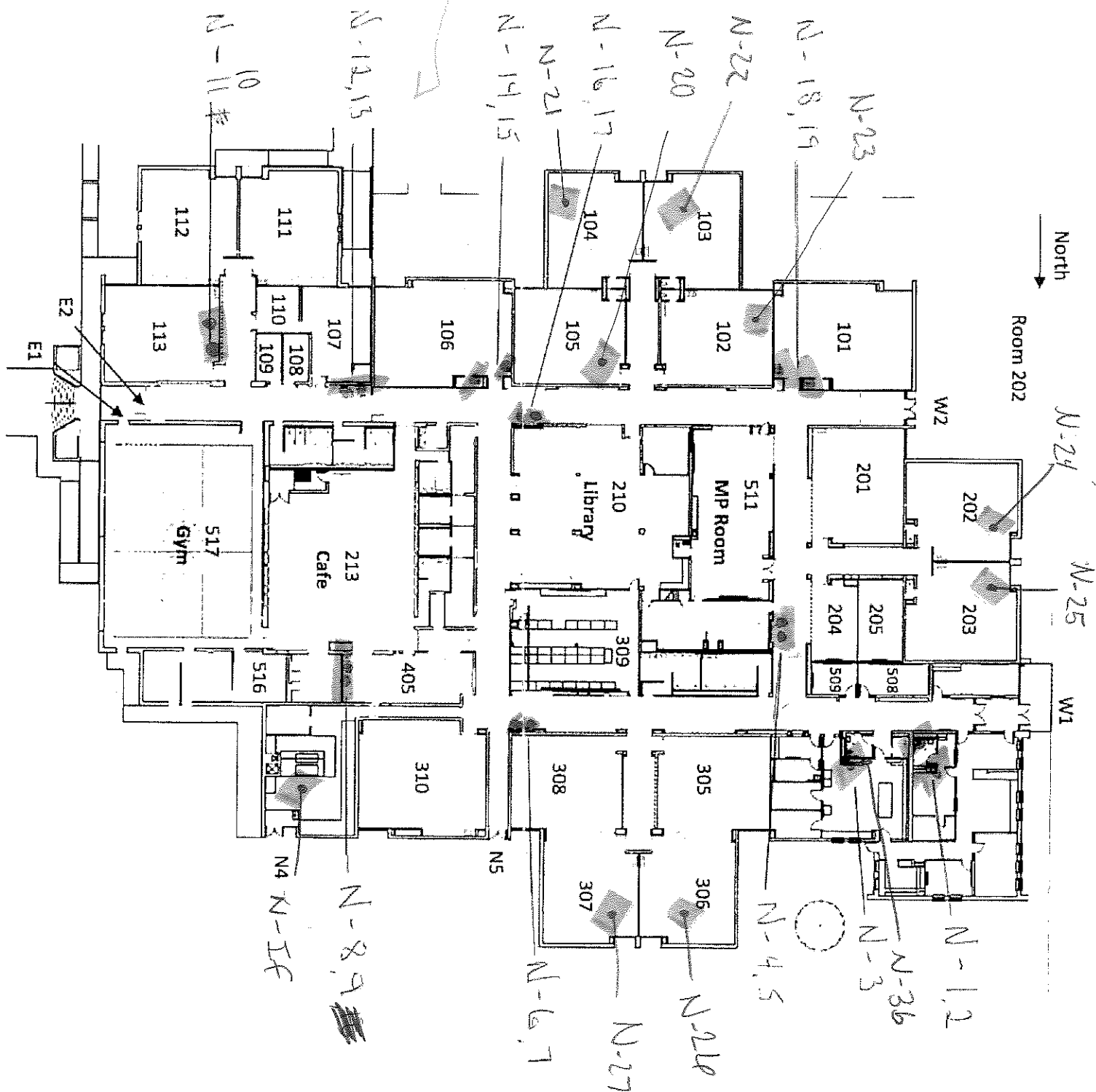
Respectfully Submitted,



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

North Elementary School  
1680 Brickville Rd  
Sydney, IL

~~17~~ - total locations





Tuesday, October 10, 2017

Geoff Bacci II  
 Aires Consulting Group  
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 Batavia, IL 60510

TEL: (630) 879-3006

FAX: (630) 879-3014

RE: 17-18300 Sycamore SD/ North Elementary

PAS WO: 17J0018

Prairie Analytical Systems, Inc. received 59 sample(s) on 9/29/2017 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

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|                               |   |                             |   |                |   |                    |
|-------------------------------|---|-----------------------------|---|----------------|---|--------------------|
| 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: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 Sycamore SD/ North Elementary

Lab Order: 17J0018

Client Sample ID: NS-1A

Lab ID: 17J0018-01

Collection Date: 9/29/17 4:06

Matrix: Drinking Water

| Analyses                | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method   | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| <b>Metals by ICP-MS</b> |        |       |      |       |    |               |               |          |         |
| *Lead                   | 2.25   | 2.00  |      | µg/L  | 1  | 10/6/17 8:06  | 10/6/17 11:39 | EPA200.8 | LAH     |

Client Sample ID: NS-1B

Lab ID: 17J0018-02

Collection Date: 9/29/17 4:06

Matrix: Drinking Water

| Analyses                | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method   | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| <b>Metals by ICP-MS</b> |        |       |      |       |    |               |               |          |         |
| *Lead                   | U      | 2.00  |      | µg/L  | 1  | 10/6/17 8:06  | 10/6/17 11:42 | EPA200.8 | LAH     |

Client Sample ID: NS-2A

Lab ID: 17J0018-03

Collection Date: 9/29/17 4:07

Matrix: Drinking Water

| Analyses                | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method   | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| <b>Metals by ICP-MS</b> |        |       |      |       |    |               |               |          |         |
| *Lead                   | 13.3   | 2.00  |      | µg/L  | 1  | 10/6/17 8:06  | 10/6/17 11:45 | EPA200.8 | LAH     |

Client Sample ID: NS-2B

Lab ID: 17J0018-04

Collection Date: 9/29/17 4:07

Matrix: Drinking Water

| Analyses                | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method   | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| <b>Metals by ICP-MS</b> |        |       |      |       |    |               |               |          |         |
| *Lead                   | U      | 2.00  |      | µg/L  | 1  | 10/6/17 8:06  | 10/6/17 11:48 | EPA200.8 | LAH     |

Client Sample ID: NS-3A

Lab ID: 17J0018-05

Collection Date: 9/29/17 4:09

Matrix: Drinking Water

| Analyses                | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method   | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| <b>Metals by ICP-MS</b> |        |       |      |       |    |               |               |          |         |
| *Lead                   | U      | 2.00  |      | µg/L  | 1  | 10/6/17 8:06  | 10/6/17 11:51 | EPA200.8 | LAH     |

Client Sample ID: NS-3B

Lab ID: 17J0018-06

Collection Date: 9/29/17 4:09

Matrix: Drinking Water

| Analyses                | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method   | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| <b>Metals by ICP-MS</b> |        |       |      |       |    |               |               |          |         |
| *Lead                   | U      | 2.00  |      | µg/L  | 1  | 10/6/17 8:06  | 10/6/17 11:54 | EPA200.8 | LAH     |

Client Sample ID: NWF-4A

Lab ID: 17J0018-07

Collection Date: 9/29/17 4:10

Matrix: Drinking Water

| Analyses                | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method   | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| <b>Metals by ICP-MS</b> |        |       |      |       |    |               |               |          |         |
| *Lead                   | U      | 2.00  |      | µg/L  | 1  | 10/6/17 8:07  | 10/6/17 12:14 | EPA200.8 | LAH     |

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

|                          |                                        |              |             |              |           |                      |                      |               |                |  |  |
|--------------------------|----------------------------------------|--------------|-------------|--------------|-----------|----------------------|----------------------|---------------|----------------|--|--|
| <b>Client:</b>           | Aires Consulting Group                 |              |             |              |           | <b>Lab Order:</b>    | 17J0018              |               |                |  |  |
| <b>Project:</b>          | 17-18300 Sycamore SD/ North Elementary |              |             |              |           |                      |                      |               |                |  |  |
| <b>Client Sample ID:</b> | NWF-4B                                 |              |             |              |           | <b>Lab ID:</b>       | 17J0018-08           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 4:10                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | U                                      | 2.00         |             | µg/L         | 1         | 10/6/17 8:07         | 10/6/17 12:22        | EPA200.8      | LAH            |  |  |
| <b>Client Sample ID:</b> | NWF-5A                                 |              |             |              |           | <b>Lab ID:</b>       | 17J0018-09           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 4:16                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | U                                      | 2.00         |             | µg/L         | 1         | 10/6/17 8:07         | 10/6/17 12:25        | EPA200.8      | LAH            |  |  |
| <b>Client Sample ID:</b> | NWF-5B                                 |              |             |              |           | <b>Lab ID:</b>       | 17J0018-10           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 4:16                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | 2.72                                   | 2.00         |             | µg/L         | 1         | 10/6/17 8:07         | 10/6/17 12:28        | EPA200.8      | LAH            |  |  |
| <b>Client Sample ID:</b> | NWF-6A                                 |              |             |              |           | <b>Lab ID:</b>       | 17J0018-11           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 4:17                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | U                                      | 2.00         |             | µg/L         | 1         | 10/6/17 8:07         | 10/6/17 12:31        | EPA200.8      | LAH            |  |  |
| <b>Client Sample ID:</b> | NWF-6B                                 |              |             |              |           | <b>Lab ID:</b>       | 17J0018-12           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 4:17                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | 2.97                                   | 2.00         |             | µg/L         | 1         | 10/6/17 8:07         | 10/6/17 12:34        | EPA200.8      | LAH            |  |  |
| <b>Client Sample ID:</b> | NWF-7A                                 |              |             |              |           | <b>Lab ID:</b>       | 17J0018-13           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 4:20                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | 9.88                                   | 2.00         |             | µg/L         | 1         | 10/6/17 8:07         | 10/6/17 12:37        | EPA200.8      | LAH            |  |  |
| <b>Client Sample ID:</b> | NWF-7B                                 |              |             |              |           | <b>Lab ID:</b>       | 17J0018-14           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 4:20                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | 4.82                                   | 2.00         |             | µg/L         | 1         | 10/6/17 8:07         | 10/6/17 12:40        | EPA200.8      | LAH            |  |  |



Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 Sycamore SD/ North Elementary

Lab Order: 17J0018

Client Sample ID: NWF-7B

Lab ID: 17J0018-14

Collection Date: 9/29/17 4:20

Matrix: Drinking Water

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

Client Sample ID: NWF-8A

Lab ID: 17J0018-15

Collection Date: 9/29/17 4:21

Matrix: Drinking Water

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

Metals by ICP-MS

|       |      |      |  |      |   |              |               |          |     |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|
| *Lead | 4.85 | 2.00 |  | µg/L | 1 | 10/6/17 8:07 | 10/6/17 12:51 | EPA200.8 | LAH |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|

Client Sample ID: NWF-8B

Lab ID: 17J0018-16

Collection Date: 9/29/17 4:21

Matrix: Drinking Water

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

Metals by ICP-MS

|       |      |      |  |      |   |              |               |          |     |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|
| *Lead | 3.33 | 2.00 |  | µg/L | 1 | 10/6/17 8:07 | 10/6/17 12:54 | EPA200.8 | LAH |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|

Client Sample ID: NWF-9A

Lab ID: 17J0018-17

Collection Date: 9/29/17 4:30

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 | 10/6/17 8:07 | 10/6/17 12:57 | EPA200.8 | LAH |
|-------|---|------|--|------|---|--------------|---------------|----------|-----|

Client Sample ID: NWF-9B

Lab ID: 17J0018-18

Collection Date: 9/29/17 4:30

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 | 10/6/17 8:07 | 10/6/17 13:05 | EPA200.8 | LAH |
|-------|---|------|--|------|---|--------------|---------------|----------|-----|

Client Sample ID: NBF-9C

Lab ID: 17J0018-19

Collection Date: 9/29/17 4:30

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 | 10/6/17 8:07 | 10/6/17 13:08 | EPA200.8 | LAH |
|-------|---|------|--|------|---|--------------|---------------|----------|-----|

Client Sample ID: NWF-10A

Lab ID: 17J0018-20

Collection Date: 9/29/17 4:31

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 | 10/6/17 8:07 | 10/6/17 13:11 | EPA200.8 | LAH |
|-------|---|------|--|------|---|--------------|---------------|----------|-----|

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 Sycamore SD/ North Elementary

Lab Order: 17J0018

Client Sample ID: NWF-10B

Lab ID: 17J0018-21

Collection Date: 9/29/17 4:31

Matrix: Drinking Water

| Analyses                | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method   | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| <b>Metals by ICP-MS</b> |        |       |      |       |    |               |               |          |         |
| *Lead                   | U      | 2.00  |      | µg/L  | 1  | 10/6/17 8:07  | 10/6/17 13:14 | EPA200.8 | LAH     |

Client Sample ID: NKS-11A

Lab ID: 17J0018-22

Collection Date: 9/29/17 4:36

Matrix: Drinking Water

| Analyses                | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method   | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| <b>Metals by ICP-MS</b> |        |       |      |       |    |               |               |          |         |
| *Lead                   | 21.9   | 2.00  |      | µg/L  | 1  | 10/6/17 8:07  | 10/6/17 13:17 | EPA200.8 | LAH     |

Client Sample ID: NKS-11B

Lab ID: 17J0018-23

Collection Date: 9/29/17 4:36

Matrix: Drinking Water

| Analyses                | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method   | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| <b>Metals by ICP-MS</b> |        |       |      |       |    |               |               |          |         |
| *Lead                   | U      | 2.00  |      | µg/L  | 1  | 10/6/17 8:07  | 10/6/17 13:28 | EPA200.8 | LAH     |

Client Sample ID: NKS-12A

Lab ID: 17J0018-24

Collection Date: 9/29/17 4:37

Matrix: Drinking Water

| Analyses                | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method   | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| <b>Metals by ICP-MS</b> |        |       |      |       |    |               |               |          |         |
| *Lead                   | 2.10   | 2.00  |      | µg/L  | 1  | 10/6/17 8:07  | 10/6/17 13:31 | EPA200.8 | LAH     |

Client Sample ID: NKS-12B

Lab ID: 17J0018-25

Collection Date: 9/29/17 4:37

Matrix: Drinking Water

| Analyses                | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method   | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| <b>Metals by ICP-MS</b> |        |       |      |       |    |               |               |          |         |
| *Lead                   | U      | 2.00  |      | µg/L  | 1  | 10/6/17 8:07  | 10/6/17 13:34 | EPA200.8 | LAH     |

Client Sample ID: NCS-13A

Lab ID: 17J0018-26

Collection Date: 9/29/17 4:40

Matrix: Drinking Water

| Analyses                | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method   | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| <b>Metals by ICP-MS</b> |        |       |      |       |    |               |               |          |         |
| *Lead                   | U      | 2.00  |      | µg/L  | 1  | 10/6/17 8:07  | 10/6/17 13:37 | EPA200.8 | LAH     |

Client Sample ID: NCS-13B

Lab ID: 17J0018-27

Collection Date: 9/29/17 4:40

Matrix: Drinking Water

| Analyses                | Result | Limit | Qual | Units | DF | Date Prepared | Date Analyzed | Method   | Analyst |
|-------------------------|--------|-------|------|-------|----|---------------|---------------|----------|---------|
| <b>Metals by ICP-MS</b> |        |       |      |       |    |               |               |          |         |
| *Lead                   | U      | 2.00  |      | µg/L  | 1  | 10/6/17 8:08  | 10/6/17 13:45 | EPA200.8 | LAH     |

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

|                          |                                        |              |             |              |           |                      |                      |               |                |  |  |
|--------------------------|----------------------------------------|--------------|-------------|--------------|-----------|----------------------|----------------------|---------------|----------------|--|--|
| <b>Client:</b>           | Aires Consulting Group                 |              |             |              |           | <b>Lab Order:</b>    | 17J0018              |               |                |  |  |
| <b>Project:</b>          | 17-18300 Sycamore SD/ North Elementary |              |             |              |           |                      |                      |               |                |  |  |
| <b>Client Sample ID:</b> | NCS-14A                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-28           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 4:41                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | U                                      | 2.00         |             | µg/L         | 1         | 10/6/17 8:08         | 10/6/17 13:54        | EPA200.8      | LAH            |  |  |
| <b>Client Sample ID:</b> | NCS-14B                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-29           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 4:41                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | U                                      | 2.00         |             | µg/L         | 1         | 10/6/17 8:08         | 10/6/17 14:08        | EPA200.8      | LAH            |  |  |
| <b>Client Sample ID:</b> | NWF-15A                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-30           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 4:46                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | U                                      | 2.00         |             | µg/L         | 1         | 10/6/17 8:08         | 10/6/17 14:11        | EPA200.8      | LAH            |  |  |
| <b>Client Sample ID:</b> | NWF-15B                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-31           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 4:46                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | U                                      | 2.00         |             | µg/L         | 1         | 10/6/17 8:08         | 10/6/17 14:14        | EPA200.8      | LAH            |  |  |
| <b>Client Sample ID:</b> | NWF-16A                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-32           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 4:47                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | U                                      | 2.00         |             | µg/L         | 1         | 10/6/17 8:08         | 10/6/17 14:25        | EPA200.8      | LAH            |  |  |
| <b>Client Sample ID:</b> | NWF-16B                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-33           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 4:47                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | U                                      | 2.00         |             | µg/L         | 1         | 10/6/17 8:08         | 10/6/17 14:20        | EPA200.8      | LAH            |  |  |
| <b>Client Sample ID:</b> | NCS-17A                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-34           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 4:54                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | 2.70                                   | 2.00         |             | µg/L         | 1         | 10/6/17 8:08         | 10/6/17 14:23        | EPA200.8      | LAH            |  |  |

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 Sycamore SD/ North Elementary

Lab Order: 17J0018

Client Sample ID: NCS-17A

Lab ID: 17J0018-34

Collection Date: 9/29/17 4:54

Matrix: Drinking Water

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

Client Sample ID: NCS-17B

Lab ID: 17J0018-35

Collection Date: 9/29/17 4:54

Matrix: Drinking Water

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

Metals by ICP-MS

|       |      |      |  |      |   |              |               |          |     |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|
| *Lead | 2.89 | 2.00 |  | µg/L | 1 | 10/6/17 8:08 | 10/6/17 14:28 | EPA200.8 | LAH |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|

Client Sample ID: NCS-18A

Lab ID: 17J0018-36

Collection Date: 9/29/17 4:55

Matrix: Drinking Water

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

Metals by ICP-MS

|       |      |      |  |      |   |              |               |          |     |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|
| *Lead | 25.6 | 2.00 |  | µg/L | 1 | 10/6/17 8:08 | 10/6/17 14:31 | EPA200.8 | LAH |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|

Client Sample ID: NCS-18B

Lab ID: 17J0018-37

Collection Date: 9/29/17 4:55

Matrix: Drinking Water

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

Metals by ICP-MS

|       |      |      |  |      |   |              |               |          |     |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|
| *Lead | 9.64 | 2.00 |  | µg/L | 1 | 10/6/17 8:08 | 10/6/17 14:34 | EPA200.8 | LAH |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|

Client Sample ID: NWF-19A

Lab ID: 17J0018-38

Collection Date: 9/29/17 5:00

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 | 10/6/17 8:08 | 10/6/17 14:54 | EPA200.8 | LAH |
|-------|---|------|--|------|---|--------------|---------------|----------|-----|

Client Sample ID: NWF-19B

Lab ID: 17J0018-39

Collection Date: 9/29/17 5:00

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 | 10/6/17 8:08 | 10/6/17 14:57 | EPA200.8 | LAH |
|-------|---|------|--|------|---|--------------|---------------|----------|-----|

Client Sample ID: NBF-19C

Lab ID: 17J0018-40

Collection Date: 9/29/17 5:00

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 | 10/6/17 8:08 | 10/6/17 15:00 | EPA200.8 | LAH |
|-------|---|------|--|------|---|--------------|---------------|----------|-----|

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

|                          |                                        |              |             |              |           |                      |                      |               |                |  |
|--------------------------|----------------------------------------|--------------|-------------|--------------|-----------|----------------------|----------------------|---------------|----------------|--|
| <b>Client:</b>           | Aires Consulting Group                 |              |             |              |           |                      |                      |               |                |  |
| <b>Project:</b>          | 17-18300 Sycamore SD/ North Elementary |              |             |              |           | <b>Lab Order:</b>    | 17J0018              |               |                |  |
| <b>Client Sample ID:</b> | NWF-20A                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-41           |               |                |  |
| <b>Collection Date:</b>  | 9/29/17 5:01                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |
| *Lead                    | U                                      | 2.00         |             | µg/L         | 1         | 10/6/17 8:08         | 10/6/17 15:03        | EPA200.8      | LAH            |  |
| <b>Client Sample ID:</b> | NWF-20B                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-42           |               |                |  |
| <b>Collection Date:</b>  | 9/29/17 5:01                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |
| *Lead                    | U                                      | 2.00         |             | µg/L         | 1         | 10/6/17 8:08         | 10/6/17 15:06        | EPA200.8      | LAH            |  |
| <b>Client Sample ID:</b> | NWF-21A                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-43           |               |                |  |
| <b>Collection Date:</b>  | 9/29/17 5:05                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |
| *Lead                    | 2.14                                   | 2.00         |             | µg/L         | 1         | 10/6/17 8:08         | 10/6/17 15:08        | EPA200.8      | LAH            |  |
| <b>Client Sample ID:</b> | NWF-21B                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-44           |               |                |  |
| <b>Collection Date:</b>  | 9/29/17 5:05                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |
| *Lead                    | U                                      | 2.00         |             | µg/L         | 1         | 10/6/17 8:08         | 10/6/17 15:11        | EPA200.8      | LAH            |  |
| <b>Client Sample ID:</b> | NWF-22A                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-45           |               |                |  |
| <b>Collection Date:</b>  | 9/29/17 5:07                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |
| *Lead                    | 2.67                                   | 2.00         |             | µg/L         | 1         | 10/6/17 8:08         | 10/6/17 15:14        | EPA200.8      | LAH            |  |
| <b>Client Sample ID:</b> | NWF-22B                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-46           |               |                |  |
| <b>Collection Date:</b>  | 9/29/17 5:07                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |
| *Lead                    | U                                      | 2.00         |             | µg/L         | 1         | 10/6/17 8:08         | 10/6/17 15:28        | EPA200.8      | LAH            |  |
| <b>Client Sample ID:</b> | NWF-23A                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-47           |               |                |  |
| <b>Collection Date:</b>  | 9/29/17 5:15                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |
| *Lead                    | 11.0                                   | 2.00         |             | µg/L         | 1         | 10/6/17 8:09         | 10/6/17 15:37        | EPA200.8      | LAH            |  |

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

|                          |                                        |              |             |              |           |                      |                      |               |                |  |  |
|--------------------------|----------------------------------------|--------------|-------------|--------------|-----------|----------------------|----------------------|---------------|----------------|--|--|
| <b>Client:</b>           | Aires Consulting Group                 |              |             |              |           | <b>Lab Order:</b>    | 17J0018              |               |                |  |  |
| <b>Project:</b>          | 17-18300 Sycamore SD/ North Elementary |              |             |              |           |                      |                      |               |                |  |  |
| <b>Client Sample ID:</b> | NWF-23B                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-48           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 5:15                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | 2.08                                   | 2.00         |             | µg/L         | 1         | 10/6/17 8:09         | 10/6/17 15:46        | EPA200.8      | LAH            |  |  |
|                          |                                        |              |             |              |           |                      |                      |               |                |  |  |
| <b>Client Sample ID:</b> | NWF-24A                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-49           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 5:18                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | 8.38                                   | 2.00         |             | µg/L         | 1         | 10/6/17 8:09         | 10/6/17 15:49        | EPA200.8      | LAH            |  |  |
|                          |                                        |              |             |              |           |                      |                      |               |                |  |  |
| <b>Client Sample ID:</b> | NWF-24B                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-50           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 5:18                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | 2.46                                   | 2.00         |             | µg/L         | 1         | 10/6/17 8:09         | 10/6/17 15:51        | EPA200.8      | LAH            |  |  |
|                          |                                        |              |             |              |           |                      |                      |               |                |  |  |
| <b>Client Sample ID:</b> | NCS-25A                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-51           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 5:22                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | 4.68                                   | 2.00         |             | µg/L         | 1         | 10/6/17 8:09         | 10/6/17 15:54        | EPA200.8      | LAH            |  |  |
|                          |                                        |              |             |              |           |                      |                      |               |                |  |  |
| <b>Client Sample ID:</b> | NCS-25B                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-52           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 5:22                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | 2.87                                   | 2.00         |             | µg/L         | 1         | 10/6/17 8:09         | 10/6/17 16:09        | EPA200.8      | LAH            |  |  |
|                          |                                        |              |             |              |           |                      |                      |               |                |  |  |
| <b>Client Sample ID:</b> | NCS-26A                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-53           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 5:24                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | 3.63                                   | 2.00         |             | µg/L         | 1         | 10/6/17 8:09         | 10/6/17 16:12        | EPA200.8      | LAH            |  |  |
|                          |                                        |              |             |              |           |                      |                      |               |                |  |  |
| <b>Client Sample ID:</b> | NCS-26B                                |              |             |              |           | <b>Lab ID:</b>       | 17J0018-54           |               |                |  |  |
| <b>Collection Date:</b>  | 9/29/17 5:24                           |              |             |              |           | <b>Matrix:</b>       | Drinking Water       |               |                |  |  |
| <b>Analyses</b>          | <b>Result</b>                          | <b>Limit</b> | <b>Qual</b> | <b>Units</b> | <b>DF</b> | <b>Date Prepared</b> | <b>Date Analyzed</b> | <b>Method</b> | <b>Analyst</b> |  |  |
| <b>Metals by ICP-MS</b>  |                                        |              |             |              |           |                      |                      |               |                |  |  |
| *Lead                    | 3.11                                   | 2.00         |             | µg/L         | 1         | 10/6/17 8:09         | 10/6/17 16:14        | EPA200.8      | LAH            |  |  |

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 Sycamore SD/ North Elementary

Lab Order: 17J0018

Client Sample ID: NCS-26B

Lab ID: 17J0018-54

Collection Date: 9/29/17 5:24

Matrix: Drinking Water

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

Client Sample ID: NCS-27A

Lab ID: 17J0018-55

Collection Date: 9/29/17 5:27

Matrix: Drinking Water

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

Metals by ICP-MS

|       |      |      |  |      |   |              |               |          |     |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|
| *Lead | 6.30 | 2.00 |  | µg/L | 1 | 10/6/17 8:09 | 10/6/17 16:17 | EPA200.8 | LAH |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|

Client Sample ID: NCS-27B

Lab ID: 17J0018-56

Collection Date: 9/29/17 5:27

Matrix: Drinking Water

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

Metals by ICP-MS

|       |      |      |  |      |   |              |               |          |     |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|
| *Lead | 4.49 | 2.00 |  | µg/L | 1 | 10/6/17 8:09 | 10/6/17 16:20 | EPA200.8 | LAH |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|

Client Sample ID: NCS-28A

Lab ID: 17J0018-57

Collection Date: 9/29/17 5:35

Matrix: Drinking Water

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

Metals by ICP-MS

|       |      |      |  |      |   |              |               |          |     |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|
| *Lead | 15.9 | 2.00 |  | µg/L | 1 | 10/6/17 8:09 | 10/6/17 16:23 | EPA200.8 | LAH |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|

Client Sample ID: NCS-28B

Lab ID: 17J0018-58

Collection Date: 9/29/17 5:35

Matrix: Drinking Water

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

Metals by ICP-MS

|       |      |      |  |      |   |              |               |          |     |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|
| *Lead | 5.39 | 2.00 |  | µg/L | 1 | 10/6/17 8:09 | 10/6/17 16:32 | EPA200.8 | LAH |
|-------|------|------|--|------|---|--------------|---------------|----------|-----|

Client Sample ID: NIF-29

Lab ID: 17J0018-59

Collection Date: 9/29/17 5:47

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 | 10/6/17 8:09 | 10/6/17 16:35 | EPA200.8 | LAH |
|-------|---|------|--|------|---|--------------|---------------|----------|-----|

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 Sycamore SD/ North Elementary

Lab Order: 17J0018

## Metals by ICP-MS - Quality Control

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

## Batch A006201 - EPA 200.8 Metals

## Blank (A006201-BLK1)

Prepared &amp; Analyzed: 10/06/201

|      |   |      |      |
|------|---|------|------|
| Lead | U | 2.00 | µg/L |
|------|---|------|------|

## LCS (A006201-BS1)

Prepared &amp; Analyzed: 10/06/201

|      |     |      |      |        |    |        |
|------|-----|------|------|--------|----|--------|
| Lead | 442 | 2.00 | µg/L | 500.00 | 88 | 85-115 |
|------|-----|------|------|--------|----|--------|

## Matrix Spike (A006201-MS1)

Source: 17J0015-01

Prepared &amp; Analyzed: 10/06/201

|      |     |      |      |        |      |    |        |
|------|-----|------|------|--------|------|----|--------|
| Lead | 469 | 2.00 | µg/L | 500.00 | 1.32 | 94 | 75-125 |
|------|-----|------|------|--------|------|----|--------|

## Matrix Spike (A006201-MS2)

Source: 17J0017-01

Prepared &amp; Analyzed: 10/06/201

|      |     |      |      |        |      |     |        |
|------|-----|------|------|--------|------|-----|--------|
| Lead | 508 | 2.00 | µg/L | 500.00 | 1.19 | 101 | 75-125 |
|------|-----|------|------|--------|------|-----|--------|

## Matrix Spike Dup (A006201-MSD1)

Source: 17J0015-01

Prepared &amp; Analyzed: 10/06/201

|      |     |      |      |        |      |    |        |   |    |
|------|-----|------|------|--------|------|----|--------|---|----|
| Lead | 455 | 2.00 | µg/L | 500.00 | 1.32 | 91 | 75-125 | 3 | 20 |
|------|-----|------|------|--------|------|----|--------|---|----|

## Matrix Spike Dup (A006201-MSD2)

Source: 17J0017-01

Prepared &amp; Analyzed: 10/06/201

|      |     |      |      |        |      |    |        |   |    |
|------|-----|------|------|--------|------|----|--------|---|----|
| Lead | 476 | 2.00 | µg/L | 500.00 | 1.19 | 95 | 75-125 | 7 | 20 |
|------|-----|------|------|--------|------|----|--------|---|----|

## Batch A006202 - EPA 200.8 Metals

## Blank (A006202-BLK1)

Prepared &amp; Analyzed: 10/06/201

|      |   |      |      |
|------|---|------|------|
| Lead | U | 2.00 | µg/L |
|------|---|------|------|

## LCS (A006202-BS1)

Prepared &amp; Analyzed: 10/06/201

|      |     |      |      |        |    |        |
|------|-----|------|------|--------|----|--------|
| Lead | 461 | 2.00 | µg/L | 500.00 | 92 | 85-115 |
|------|-----|------|------|--------|----|--------|

## Matrix Spike (A006202-MS1)

Source: 17J0018-07

Prepared &amp; Analyzed: 10/06/201

|      |     |      |      |        |    |     |        |
|------|-----|------|------|--------|----|-----|--------|
| Lead | 506 | 2.00 | µg/L | 500.00 | ND | 101 | 75-125 |
|------|-----|------|------|--------|----|-----|--------|



Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 Sycamore SD/ North Elementary

Lab Order: 17J0018

## Metals by ICP-MS - Quality Control

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

## Batch A006202 - EPA 200.8 Metals

|                                        |     |                           |      |                                |    |     |        |      |    |  |
|----------------------------------------|-----|---------------------------|------|--------------------------------|----|-----|--------|------|----|--|
| <b>Matrix Spike (A006202-MS2)</b>      |     | <b>Source: 17J0018-17</b> |      | Prepared & Analyzed: 10/06/201 |    |     |        |      |    |  |
| Lead                                   | 479 | 2.00                      | µg/L | 500.00                         | ND | 96  | 75-125 |      |    |  |
| <b>Matrix Spike Dup (A006202-MSD1)</b> |     | <b>Source: 17J0018-07</b> |      | Prepared & Analyzed: 10/06/201 |    |     |        |      |    |  |
| Lead                                   | 506 | 2.00                      | µg/L | 500.00                         | ND | 101 | 75-125 | 0.06 | 20 |  |
| <b>Matrix Spike Dup (A006202-MSD2)</b> |     | <b>Source: 17J0018-17</b> |      | Prepared & Analyzed: 10/06/201 |    |     |        |      |    |  |
| Lead                                   | 461 | 2.00                      | µg/L | 500.00                         | ND | 92  | 75-125 | 4    | 20 |  |

## Batch A006203 - EPA 200.8 Metals

|                                        |     |                                |      |                                |       |    |        |     |    |  |
|----------------------------------------|-----|--------------------------------|------|--------------------------------|-------|----|--------|-----|----|--|
| <b>Blank (A006203-BLK1)</b>            |     | Prepared & Analyzed: 10/06/201 |      |                                |       |    |        |     |    |  |
| Lead                                   | U   | 2.00                           | µg/L |                                |       |    |        |     |    |  |
| <b>LCS (A006203-BS1)</b>               |     | Prepared & Analyzed: 10/06/201 |      |                                |       |    |        |     |    |  |
| Lead                                   | 450 | 2.00                           | µg/L | 500.00                         |       | 90 | 85-115 |     |    |  |
| <b>Matrix Spike (A006203-MS1)</b>      |     | <b>Source: 17J0018-27</b>      |      | Prepared & Analyzed: 10/06/201 |       |    |        |     |    |  |
| Lead                                   | 460 | 2.00                           | µg/L | 500.00                         | 0.362 | 92 | 75-125 |     |    |  |
| <b>Matrix Spike (A006203-MS2)</b>      |     | <b>Source: 17J0018-37</b>      |      | Prepared & Analyzed: 10/06/201 |       |    |        |     |    |  |
| Lead                                   | 473 | 2.00                           | µg/L | 500.00                         | 9.64  | 93 | 75-125 |     |    |  |
| <b>Matrix Spike Dup (A006203-MSD1)</b> |     | <b>Source: 17J0018-27</b>      |      | Prepared & Analyzed: 10/06/201 |       |    |        |     |    |  |
| Lead                                   | 464 | 2.00                           | µg/L | 500.00                         | 0.362 | 93 | 75-125 | 0.9 | 20 |  |
| <b>Matrix Spike Dup (A006203-MSD2)</b> |     | <b>Source: 17J0018-37</b>      |      | Prepared & Analyzed: 10/06/201 |       |    |        |     |    |  |
| Lead                                   | 475 | 2.00                           | µg/L | 500.00                         | 9.64  | 93 | 75-125 | 0.4 | 20 |  |

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 Sycamore SD/ North Elementary

Lab Order: 17J0018

## Metals by ICP-MS - Quality Control

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

## Batch A006204 - EPA 200.8 Metals

## Blank (A006204-BLK1)

Prepared &amp; Analyzed: 10/06/201

|      |   |      |      |
|------|---|------|------|
| Lead | U | 2.00 | µg/L |
|------|---|------|------|

## LCS (A006204-BS1)

Prepared &amp; Analyzed: 10/06/201

|      |     |      |      |        |    |        |
|------|-----|------|------|--------|----|--------|
| Lead | 456 | 2.00 | µg/L | 500.00 | 91 | 85-115 |
|------|-----|------|------|--------|----|--------|

## Matrix Spike (A006204-MS1)

Source: 17J0018-47

Prepared &amp; Analyzed: 10/06/201

|      |     |      |      |        |      |    |        |
|------|-----|------|------|--------|------|----|--------|
| Lead | 474 | 2.00 | µg/L | 500.00 | 11.0 | 93 | 75-125 |
|------|-----|------|------|--------|------|----|--------|

## Matrix Spike (A006204-MS2)

Source: 17J0018-57

Prepared &amp; Analyzed: 10/06/201

|      |     |      |      |        |      |    |        |
|------|-----|------|------|--------|------|----|--------|
| Lead | 509 | 2.00 | µg/L | 500.00 | 15.9 | 99 | 75-125 |
|------|-----|------|------|--------|------|----|--------|

## Matrix Spike Dup (A006204-MSD1)

Source: 17J0018-47

Prepared &amp; Analyzed: 10/06/201

|      |     |      |      |        |      |    |        |     |    |
|------|-----|------|------|--------|------|----|--------|-----|----|
| Lead | 472 | 2.00 | µg/L | 500.00 | 11.0 | 92 | 75-125 | 0.5 | 20 |
|------|-----|------|------|--------|------|----|--------|-----|----|

## Matrix Spike Dup (A006204-MSD2)

Source: 17J0018-57

Prepared &amp; Analyzed: 10/06/201

|      |     |      |      |        |      |    |        |   |    |
|------|-----|------|------|--------|------|----|--------|---|----|
| Lead | 492 | 2.00 | µg/L | 500.00 | 15.9 | 95 | 75-125 | 3 | 20 |
|------|-----|------|------|--------|------|----|--------|---|----|

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

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**LABORATORY RESULTS**

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**Client:** Aires Consulting Group**Project:** 17-18300 Sycamore SD/ North Elementary**Lab Order:** 17J0018

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**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 - 9114 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<br><input type="checkbox"/> Residential<br><input type="checkbox"/> Industrial / Commercial                                               |  |
| City, State, Zip Code                                                                                                                                                            |  | Batavia, IL 60510                                                                                                                                                                                                                          |  |                     |  |                                  |  |                         |  |                                                                                                                                                                         |  |
| Phone / Facsimile                                                                                                                                                                |  | 630.879.3006                                                                                                                                                                                                                               |  |                     |  |                                  |  |                         |  |                                                                                                                                                                         |  |
| Project Name / Number                                                                                                                                                            |  | Sycamore SD                                                                                                                                                                                                                                |  |                     |  |                                  |  |                         |  |                                                                                                                                                                         |  |
| Project Location                                                                                                                                                                 |  | North Elementary                                                                                                                                                                                                                           |  |                     |  |                                  |  |                         |  | <input type="checkbox"/> A <input type="checkbox"/> D<br><input type="checkbox"/> B <input type="checkbox"/> E<br><input type="checkbox"/> C <input type="checkbox"/> F |  |
| P.O. # or Invoice To                                                                                                                                                             |  | 17-18300                                                                                                                                                                                                                                   |  |                     |  |                                  |  |                         |  | <input type="checkbox"/> Residential<br><input type="checkbox"/> Industrial                                                                                             |  |
| Contact Person                                                                                                                                                                   |  | Geoff Bacci II                                                                                                                                                                                                                             |  |                     |  |                                  |  |                         |  | Sampler Comments                                                                                                                                                        |  |
| Sample Description                                                                                                                                                               |  | Sampling                                                                                                                                                                                                                                   |  | Matrix              |  | Preserv                          |  | No. of                  |  |                                                                                                                                                                         |  |
|                                                                                                                                                                                  |  | Date                                                                                                                                                                                                                                       |  | Code                |  | Code                             |  | Containers              |  |                                                                                                                                                                         |  |
|                                                                                                                                                                                  |  | Time                                                                                                                                                                                                                                       |  |                     |  |                                  |  |                         |  |                                                                                                                                                                         |  |
|                                                                                                                                                                                  |  | Comp                                                                                                                                                                                                                                       |  | Grab                |  |                                  |  |                         |  |                                                                                                                                                                         |  |
| See attached Addendum (3 pages) for sample information (54 samples)                                                                                                              |  |                                                                                                                                                                                                                                            |  |                     |  |                                  |  |                         |  |                                                                                                                                                                         |  |
| <b>Unless otherwise noted:</b><br>Matrix Code: D/W<br>Preservative Code: 0<br>No. of containers per sample: 1<br>Sample Type: Grab<br>Analysis requested: Lead in Drinking Water |  |                                                                                                                                                                                                                                            |  |                     |  |                                  |  |                         |  |                                                                                                                                                                         |  |
| Matrix Code                                                                                                                                                                      |  | A - Aqueous                                                                                                                                                                                                                                |  | DW - Drinking Water |  | GW - Ground Water                |  | NA - Non-Aqueous Liquid |  | S - Solid                                                                                                                                                               |  |
| Preservative Code                                                                                                                                                                |  | 0 - None                                                                                                                                                                                                                                   |  | 1 - HCl             |  | 2 - H2SO4                        |  | 3 - HNO3                |  | 4 - NaOH                                                                                                                                                                |  |
| Relinquished By                                                                                                                                                                  |  | Date                                                                                                                                                                                                                                       |  | Time                |  | Received By                      |  | Date                    |  | Time                                                                                                                                                                    |  |
| [Signature]                                                                                                                                                                      |  | 9/29/17                                                                                                                                                                                                                                    |  | 8:00 am             |  | [Signature]                      |  | 9/29/17                 |  | 8:00 am                                                                                                                                                                 |  |
| [Signature]                                                                                                                                                                      |  | 9/29/17                                                                                                                                                                                                                                    |  | 12:15 pm            |  | [Signature]                      |  | 9/29/17                 |  | 12:15                                                                                                                                                                   |  |
| [Signature]                                                                                                                                                                      |  | 9/29/17                                                                                                                                                                                                                                    |  | 13:50               |  | [Signature]                      |  | 9/29/17                 |  | 13:50                                                                                                                                                                   |  |
| [Signature]                                                                                                                                                                      |  | 10/2/17                                                                                                                                                                                                                                    |  | 17:00               |  | [Signature]                      |  | 10/2/17                 |  | 13:50                                                                                                                                                                   |  |
| Initial Instructions:                                                                                                                                                            |  | Turnaround Time: Standard <input type="checkbox"/> Rush <input type="checkbox"/><br>Date Required: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> No |  |                     |  |                                  |  |                         |  |                                                                                                                                                                         |  |
|                                                                                                                                                                                  |  | On wet ice? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No                                                                                                                                                            |  |                     |  |                                  |  |                         |  |                                                                                                                                                                         |  |
|                                                                                                                                                                                  |  | Temperature (°C) 22.0                                                                                                                                                                                                                      |  |                     |  |                                  |  |                         |  |                                                                                                                                                                         |  |

Copies: White - Client / Yellow - PAS, Inc. / Pink - Sampler  
 PAS CCC - Aires

Page 1 of 4

Revision 8  
 July 31, 2017

160194270262004

ISBE ID:

Building ID:

Building Description:

Sample Collection Date:

Collected by:

North Elementary

9.29.17

Dan Petras

| Sample Time<br>(12 HR Clock) | Sample ID<br>Number | Sample Location<br>Description | Fixture Type      | Date of Last<br>Use | Time of Last<br>Use<br>(12 HR Clock) | Sample Type | Sample<br>Volume<br>(mL) | Notes       |
|------------------------------|---------------------|--------------------------------|-------------------|---------------------|--------------------------------------|-------------|--------------------------|-------------|
| 4:06 AM                      | NS-1A               | N-1                            | S - Sink          | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 4:06 AM                      | NS-1B               | N-1                            | S - Sink          | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |
| 4:07 AM                      | NS-2A               | N-2                            | S - Sink          | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 4:07 AM                      | NS-2B               | N-2                            | S - Sink          | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |
| 4:09 AM                      | NS-3A               | N-3                            | S - Sink          | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 4:09 AM                      | NS-3A               | N-3                            | S - Sink          | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |
| 4:10 AM                      | NWF-4A              | N-3b                           | WF - Water Cooler | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 4:10 AM                      | NWF-4B              | N-3b                           | WF - Water Cooler | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |
| 4:16 AM                      | NWF-5A              | N-5                            | WF - Water Cooler | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 4:16 AM                      | NWF-5B              | N-5                            | WF - Water Cooler | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |
| 4:17 AM                      | NWF-6A              | N-4                            | WF - Water Cooler | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 4:17 AM                      | NWF-6B              | N-4                            | WF - Water Cooler | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |
| 4:20 AM                      | NWF-7A              | N-26                           | WF - Water Cooler | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 4:20 AM                      | NWF-7B              | N-26                           | WF - Water Cooler | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |
| 4:21 AM                      | NWF-8A              | N-27                           | WF - Water Cooler | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 4:21 AM                      | NWF-8B              | N-27                           | WF - Water Cooler | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |
| 4:30 AM                      | NWF-9A              | N-6                            | WF - Water Cooler | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 4:30 AM                      | NWF-9B              | N-6                            | WF - Water Cooler | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |
| 4:30 AM                      | NBF-9C              | N-6                            | O - Other         | 9.28.17             | 7:00 PM                              | First Draw  | 250                      | bottle fill |
| 4:31 AM                      | NWF-10A             | N-7                            | WF - Water Cooler | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 4:31 AM                      | NWF-10B             | N-7                            | WF - Water Cooler | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |

Appendix II

ISBE ID: 160194270262004  
Building ID: 0001  
Building Description: North Elementary  
Sample Collection Date: 9.29.17  
Collected by: Dan Petras

| Sample Time<br>(12 HR Clock) | Sample ID<br>Number | Sample Location<br>Description | Fixture Type           | Date of Last<br>Use | Time of Last<br>Use<br>(12 HR Clock) | Sample Type | Sample<br>Volume<br>(mL) | Notes       |
|------------------------------|---------------------|--------------------------------|------------------------|---------------------|--------------------------------------|-------------|--------------------------|-------------|
| 4:36 AM                      | NKS-11A             | N-8                            | KS - Kitchen Sink      | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 4:36 AM                      | NKS-11B             | N-8                            | KS - Kitchen Sink      | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |
| 4:37 AM                      | NKS-12A             | N-9                            | KS - Kitchen Sink      | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 4:37 AM                      | NKS-12B             | N-9                            | KS - Kitchen Sink      | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |
| 4:40 AM                      | NCS-13A             | N-10                           | S - Sink               | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 4:40 AM                      | NCS-13B             | N-10                           | S - Sink               | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |
| 4:41 AM                      | NCS-14A             | N-11                           | S - Sink               | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 4:41 AM                      | NCS-14B             | N-11                           | S - Sink               | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |
| 4:46 AM                      | NWF-15A             | N-12                           | WF - Water Cooler      | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 4:46 AM                      | NWF-15B             | N-12                           | WF - Water Cooler      | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |
| 4:47 AM                      | NWF-16A             | N-13                           | WF - Water Cooler      | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 4:47 AM                      | NWF-16B             | N-13                           | WF - Water Cooler      | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |
| 4:54 AM                      | NCS-17A             | N-14                           | S - Sink               | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 4:54 AM                      | NCS-17B             | N-14                           | S - Sink               | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |
| 4:55 AM                      | NCS-18A             | N-15                           | S - Sink               | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 4:55 AM                      | NCS-18B             | N-15                           | S - Sink               | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |
| 5:00 AM                      | NWF-19A             | N-16                           | WF - Water Cooler      | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 5:00 AM                      | NWF-19B             | N-16                           | WF - Water Cooler      | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |
| 5:00 AM                      | NBF-19C             | N-16                           | O - Other              | 9.28.17             | 7:00 PM                              | First Draw  | 250                      | bottle fill |
| 5:01 AM                      | NWF-20A             | N-17                           | DF - Drinking Fountain | 9.28.17             | 7:00 PM                              | First Draw  | 250                      |             |
| 5:01 AM                      | NWF-20B             | N-17                           | DF - Drinking Fountain | 9.28.17             | 7:00 PM                              | Flush       | 250                      |             |

Appendix II





Wednesday, December 6, 2017

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

RE: Sycamore SD/ North Elementary

PAS WO: 17K0442

Prairie Analytical Systems, Inc. received 4 sample(s) on 11/14/2017 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

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|                               |   |                             |   |                |   |                    |
|-------------------------------|---|-----------------------------|---|----------------|---|--------------------|
| 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: 12/6/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: Sycamore SD/ North Elementary

Lab Order: 17K0442

Client Sample ID: N-8A

Lab ID: 17K0442-01

Collection Date: 11/8/17 6:51

Matrix: Drinking Water

| Analyses                | Result | Limit | Qual | Units | DF | Date Prepared  | Date Analyzed  | Method       | Analyst |
|-------------------------|--------|-------|------|-------|----|----------------|----------------|--------------|---------|
| <b>Metals by ICP-MS</b> |        |       |      |       |    |                |                |              |         |
| *Lead                   | 8.77   | 2.00  |      | µg/L  | 1  | 11/29/17 14:50 | 11/30/17 10:19 | EPA200.8 R5. | KSH     |

Client Sample ID: N-8B

Lab ID: 17K0442-02

Collection Date: 11/8/17 6:51

Matrix: Drinking Water

| Analyses                | Result | Limit | Qual | Units | DF | Date Prepared  | Date Analyzed  | Method       | Analyst |
|-------------------------|--------|-------|------|-------|----|----------------|----------------|--------------|---------|
| <b>Metals by ICP-MS</b> |        |       |      |       |    |                |                |              |         |
| *Lead                   | U      | 2.00  |      | µg/L  | 1  | 11/29/17 14:50 | 11/30/17 10:26 | EPA200.8 R5. | KSH     |

Client Sample ID: N-15A

Lab ID: 17K0442-03

Collection Date: 11/8/17 6:55

Matrix: Drinking Water

| Analyses                | Result | Limit | Qual | Units | DF | Date Prepared  | Date Analyzed  | Method       | Analyst |
|-------------------------|--------|-------|------|-------|----|----------------|----------------|--------------|---------|
| <b>Metals by ICP-MS</b> |        |       |      |       |    |                |                |              |         |
| *Lead                   | 6.13   | 2.00  |      | µg/L  | 1  | 11/29/17 14:50 | 11/30/17 10:28 | EPA200.8 R5. | KSH     |

Client Sample ID: N-15B

Lab ID: 17K0442-04

Collection Date: 11/8/17 6:55

Matrix: Drinking Water

| Analyses                | Result | Limit | Qual | Units | DF | Date Prepared  | Date Analyzed  | Method       | Analyst |
|-------------------------|--------|-------|------|-------|----|----------------|----------------|--------------|---------|
| <b>Metals by ICP-MS</b> |        |       |      |       |    |                |                |              |         |
| *Lead                   | 6.74   | 2.00  |      | µg/L  | 1  | 11/29/17 14:50 | 11/30/17 10:30 | EPA200.8 R5. | KSH     |

Prairie Analytical Systems, Inc.

Date: 12/6/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: Sycamore SD/ North Elementary

Lab Order: 17K0442

## Metals by ICP-MS - Quality Control

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

## Batch A007733 - EPA 200.8 Metals

## Blank (A007733-BLK1)

Prepared: 11/29/201 Analyzed: 11/30/201

|      |   |      |      |
|------|---|------|------|
| Lead | U | 2.00 | µg/L |
|------|---|------|------|

## LCS (A007733-BS1)

Prepared: 11/29/201 Analyzed: 11/30/201

|      |     |      |      |        |    |        |
|------|-----|------|------|--------|----|--------|
| Lead | 475 | 2.00 | µg/L | 500.00 | 95 | 85-115 |
|------|-----|------|------|--------|----|--------|

## Matrix Spike (A007733-MS1)

Source: 17K0442-01

Prepared: 11/29/201 Analyzed: 11/30/201

|      |     |      |      |        |      |    |        |
|------|-----|------|------|--------|------|----|--------|
| Lead | 460 | 2.00 | µg/L | 500.00 | 8.77 | 90 | 75-125 |
|------|-----|------|------|--------|------|----|--------|

## Matrix Spike (A007733-MS2)

Source: 17K0443-07

Prepared: 11/29/201 Analyzed: 11/30/201

|      |     |      |      |        |      |    |        |
|------|-----|------|------|--------|------|----|--------|
| Lead | 485 | 2.00 | µg/L | 500.00 | 27.0 | 92 | 75-125 |
|------|-----|------|------|--------|------|----|--------|

## Matrix Spike Dup (A007733-MSD1)

Source: 17K0442-01

Prepared: 11/29/201 Analyzed: 11/30/201

|      |     |      |      |        |      |    |        |     |    |
|------|-----|------|------|--------|------|----|--------|-----|----|
| Lead | 459 | 2.00 | µg/L | 500.00 | 8.77 | 90 | 75-125 | 0.4 | 20 |
|------|-----|------|------|--------|------|----|--------|-----|----|

## Matrix Spike Dup (A007733-MSD2)

Source: 17K0443-07

Prepared: 11/29/201 Analyzed: 11/30/201

|      |     |      |      |        |      |    |        |     |    |
|------|-----|------|------|--------|------|----|--------|-----|----|
| Lead | 485 | 2.00 | µg/L | 500.00 | 27.0 | 92 | 75-125 | 0.1 | 20 |
|------|-----|------|------|--------|------|----|--------|-----|----|

**Prairie Analytical Systems, Inc.****Date:** 12/6/2017

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**LABORATORY RESULTS**

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**Client:** Aires Consulting Group**Project:** Sycamore SD/ North Elementary**Lab Order:** 17K0442

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**Notes and Definitions**

\* NELAC certified compound.

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



**Analytical  
Systems, Incorporated**  
[www.prairieanalytical.com](http://www.prairieanalytical.com)

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## Appendix II

Page 1 of 2

Revision 8  
July 31, 2017

ISBE ID:

Building ID:

Building Description:

Sample Collection Date:

Collected by:

North Elementary

11/8/2017

Dan Petras

[illegible]