
WATER QUALITY TESTING

FOR

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

SYCAMORE, ILLINOIS

SEPTEMBER 28, 2017

PROJECT NUMBER: 17-18300



A DIVISION OF GALLAGHER BASSETT SERVICES, INC.

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

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INTRODUCTION

Sycamore Community Unit School District (CUSD) 427 implemented a proactive program of water testing at North Grove Elementary School. Water sampling was conducted by Mr. Dan Petras of Aires Consulting on September 28, 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**.

- NGS-1A: first draw sample from the sink in the Nurse's Office - 8.93 ppb
- NGS-3A: first draw sample from sink in the Faculty Lounge - 12.2 ppb
- NGCS-5A: first draw sample from the classroom sink in Room 104 - 10.1 ppb
- NGCS-13A: first draw sample from the classroom sink in Room 173 - 12.8 ppb
- **NGCS-16A: first draw sample from the classroom sink in Room 174 - 35.1 ppb**
- **NGWF-19A: first draw sample from the classroom sink in Room 175 - 31.9 ppb**
- NGKS-25A: first draw sample from sink NG-24 in the Kitchen - 6.79 ppb
- NGKS-26A: first draw sample from sink NG-23 in the Kitchen - 7.28 ppb
- NGKS-27A: first draw sample from sink NG-22 in the Kitchen - 6.03 ppb

- NGCS-29A: first draw sample from sink NG-25 in the Art Room - 5.68 ppb
- **NGCS-35A: first draw sample from the classroom sink in Room 106 - 44.2 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**.

- NG1-11A: first draw sample from the classroom sink in Room 174 - 13.3 ppb
- NG1-15A: first draw sample from the classroom sink in Room 175 - 16.5 ppb
- NG1-8B-A: first draw sample from the classroom sink in Room 106 – 12.6 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.

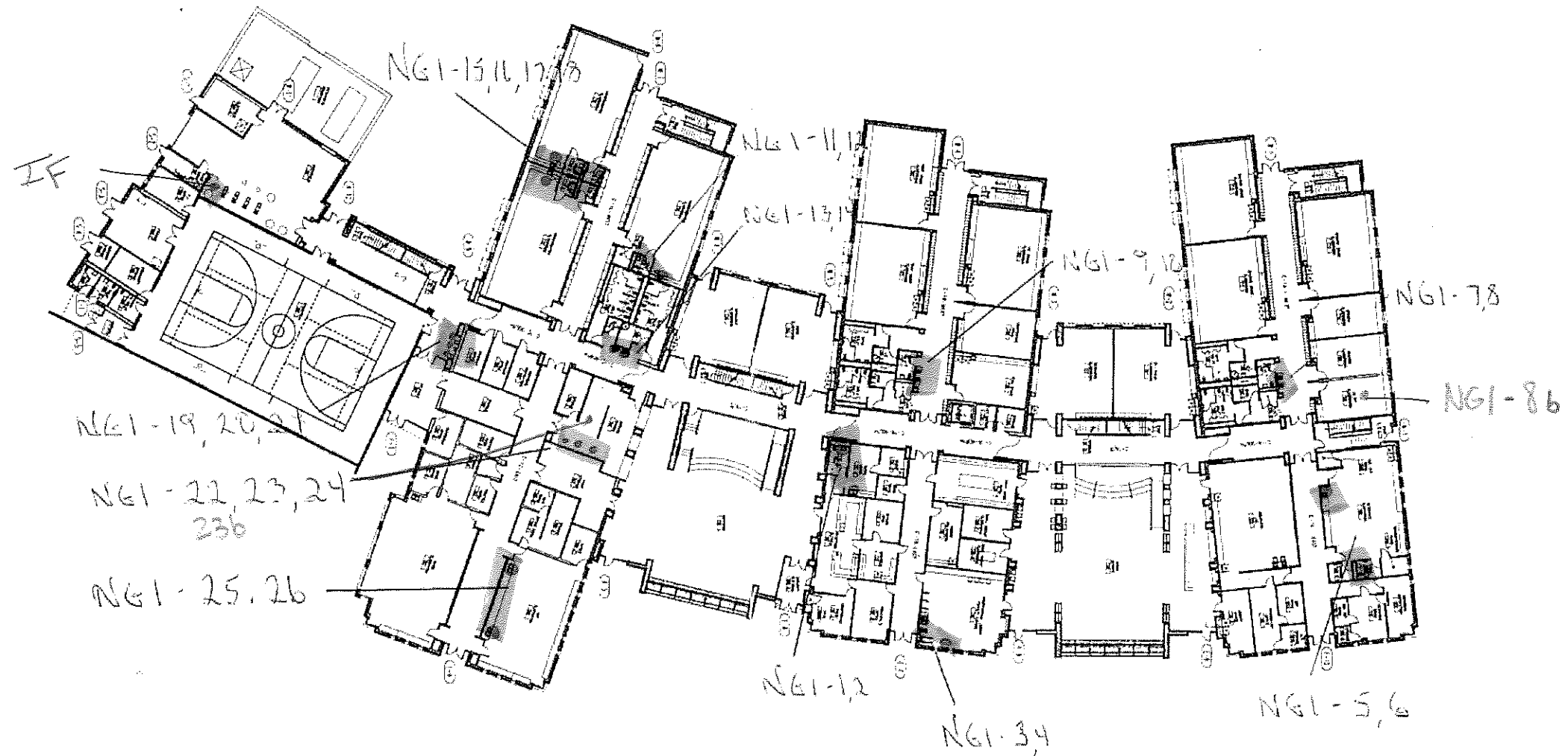
Respectfully Submitted,



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

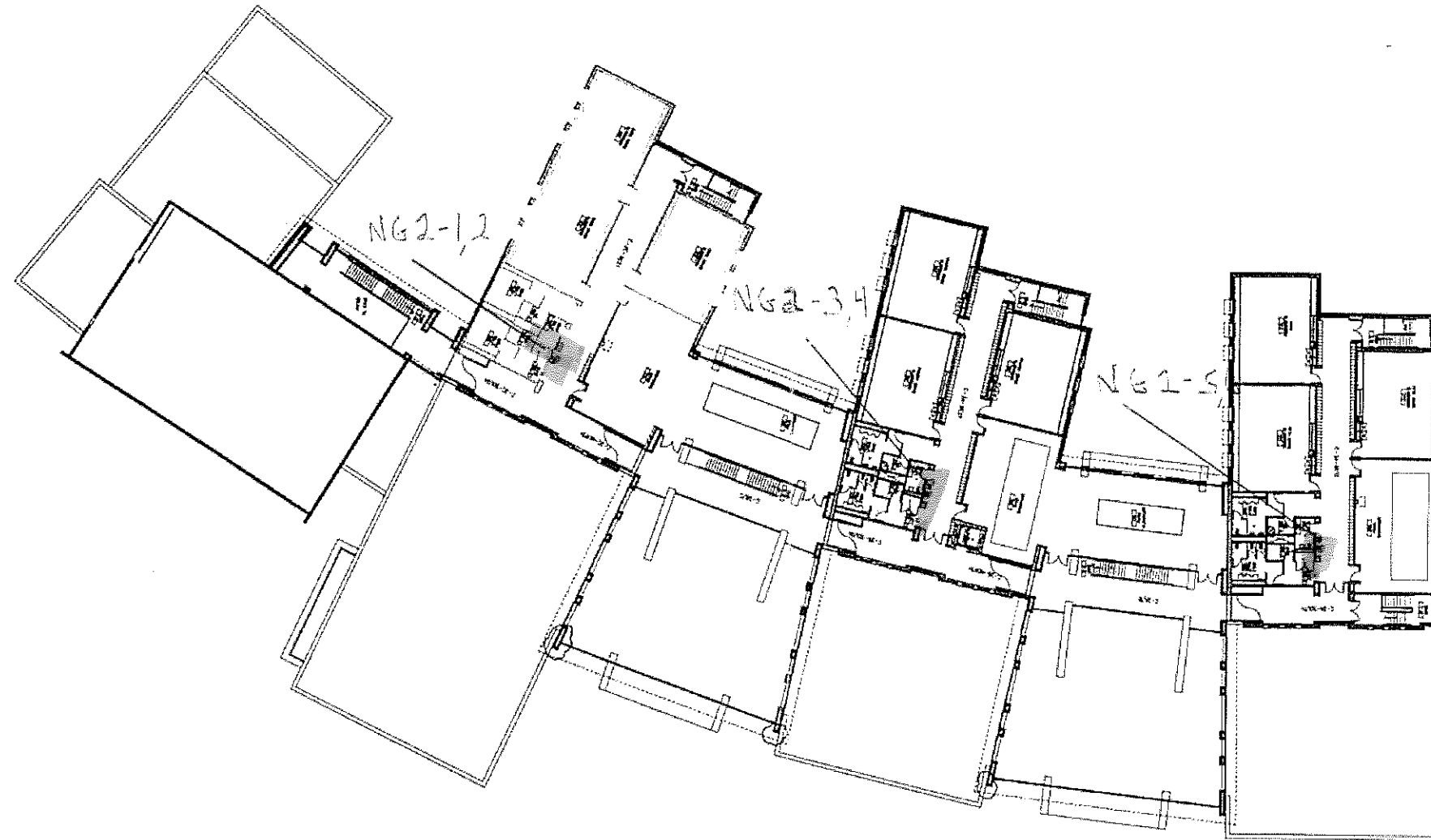
North Grove Elementary - 1st Floor
 850 Republic Ave
 Sylamore, IL

~~25~~ 26
 15 total locations



North Grove Elementary - 2nd floor

6 total locations





Tuesday, October 10, 2017

Geoff Bacci II
 Aires Consulting Group
 1550 Hubbard Ave.
 Batavia, IL 60510

TEL: (630) 879-3006

FAX: (630) 879-3014

RE: 17-18300 Sycamore SD/ North Grove Elementary

PAS WO: 17J0019

Prairie Analytical Systems, Inc. received 77 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

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 Grove Elementary					Lab Order:	17J0019			
Client Sample ID:	NGS-1A					Lab ID:	17J0019-01			
Collection Date:	9/28/17 4:31					Matrix:	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS										
*Lead	8.93	2.00		µg/L	1	10/6/17 8:09	10/6/17 16:46	EPA200.8	LAH	
Client Sample ID:	NGS-1B					Lab ID:	17J0019-02			
Collection Date:	9/28/17 4:31					Matrix:	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS										
*Lead	2.40	2.00		µg/L	1	10/6/17 8:09	10/6/17 16:49	EPA200.8	LAH	
Client Sample ID:	NGS-2A					Lab ID:	17J0019-03			
Collection Date:	9/28/17 4:32					Matrix:	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS										
*Lead	4.74	2.00		µg/L	1	10/6/17 8:09	10/6/17 16:52	EPA200.8	LAH	
Client Sample ID:	NGS-2B					Lab ID:	17J0019-04			
Collection Date:	9/28/17 4:32					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 16:55	EPA200.8	LAH	
Client Sample ID:	NGS-3A					Lab ID:	17J0019-05			
Collection Date:	9/28/17 4:36					Matrix:	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS										
*Lead	12.2	2.00		µg/L	1	10/6/17 8:09	10/6/17 16:58	EPA200.8	LAH	
Client Sample ID:	NGS-3B					Lab ID:	17J0019-06			
Collection Date:	9/28/17 4:36					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 17:00	EPA200.8	LAH	
Client Sample ID:	NGWF-4A					Lab ID:	17J0019-07			
Collection Date:	9/28/17 4:37					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 17:03	EPA200.8	LAH	

Prairie Analytical Systems, Inc.

Date: 10/10/2017

LABORATORY RESULTS

Client:	Aires Consulting Group					Lab Order:	17J0019				
Project:	17-18300 Sycamore SD/ North Grove Elementary										
Client Sample ID:	NGWF-4B					Lab ID:	17J0019-08				
Collection Date:	9/28/17 4:37					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 8:11	10/6/17 17:12	EPA200.8	LAH		
Client Sample ID:	NGCS-5A					Lab ID:	17J0019-09				
Collection Date:	9/28/17 4:41					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	10.1	2.00		µg/L	1	10/6/17 8:11	10/6/17 17:29	EPA200.8	LAH		
Client Sample ID:	NGCS-5B					Lab ID:	17J0019-10				
Collection Date:	9/28/17 4:42					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 8:11	10/6/17 17:32	EPA200.8	LAH		
Client Sample ID:	NGS-6A					Lab ID:	17J0019-11				
Collection Date:	9/28/17 4:43					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	4.41	2.00		µg/L	1	10/6/17 8:11	10/6/17 17:35	EPA200.8	LAH		
Client Sample ID:	NGS-6B					Lab ID:	17J0019-12				
Collection Date:	9/28/17 4:43					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	2.09	2.00		µg/L	1	10/6/17 8:11	10/6/17 17:38	EPA200.8	LAH		
Client Sample ID:	NGWF-7A					Lab ID:	17J0019-13				
Collection Date:	9/28/17 4:47					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 8:11	10/6/17 17:41	EPA200.8	LAH		
Client Sample ID:	NGWF-7B					Lab ID:	17J0019-14				
Collection Date:	9/28/17 4:47					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 8:11	10/6/17 17:43	EPA200.8	LAH		

Prairie Analytical Systems, Inc.

Date: 10/10/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 Sycamore SD/ North Grove Elementary

Lab Order: 17J0019

Client Sample ID: NGWF-7B

Lab ID: 17J0019-14

Collection Date: 9/28/17 4:47

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Client Sample ID: NGWF-8A

Lab ID: 17J0019-15

Collection Date: 9/28/17 4:48

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	U	2.00		µg/L	1	10/6/17 8:11	10/6/17 17:46	EPA200.8	LAH
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Client Sample ID: NGWF-8B

Lab ID: 17J0019-16

Collection Date: 9/28/17 4:48

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	U	2.00		µg/L	1	10/6/17 8:11	10/6/17 17:49	EPA200.8	LAH
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Client Sample ID: NGWF-9A

Lab ID: 17J0019-17

Collection Date: 9/28/17 5:03

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	U	2.00		µg/L	1	10/6/17 8:11	10/6/17 18:04	EPA200.8	LAH
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Client Sample ID: NGWF-9B

Lab ID: 17J0019-18

Collection Date: 9/28/17 5:03

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	U	2.00		µg/L	1	10/6/17 8:11	10/6/17 18:06	EPA200.8	LAH
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Client Sample ID: NGBF-9C

Lab ID: 17J0019-19

Collection Date: 9/28/17 5:04

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	U	2.00		µg/L	1	10/6/17 8:11	10/6/17 18:15	EPA200.8	LAH
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Client Sample ID: NGWF-10A

Lab ID: 17J0019-20

Collection Date: 9/28/17 5:04

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	U	2.00		µg/L	1	10/6/17 8:11	10/6/17 18:18	EPA200.8	LAH
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Prairie Analytical Systems, Inc.

Date: 10/10/2017

LABORATORY RESULTS

Client: Aires Consulting Group
Project: 17-18300 Sycamore SD/ North Grove Elementary
Client Sample ID: NGWF-10B
Collection Date: 9/28/17 5:05

Lab Order: 17J0019
Lab ID: 17J0019-21
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	10/6/17 8:11	10/6/17 18:21	EPA200.8	LAH

Client Sample ID: NGWF-11A
Collection Date: 9/28/17 5:05

Lab ID: 17J0019-22
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	10/6/17 8:11	10/6/17 18:24	EPA200.8	LAH

Client Sample ID: NGWF-11B
Collection Date: 9/28/17 5:07

Lab ID: 17J0019-23
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	10/6/17 8:11	10/6/17 18:27	EPA200.8	LAH

Client Sample ID: NGWF-12A
Collection Date: 9/28/17 5:07

Lab ID: 17J0019-24
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	10/6/17 8:11	10/6/17 18:29	EPA200.8	LAH

Client Sample ID: NGWF-12B
Collection Date: 9/28/17 5:08

Lab ID: 17J0019-25
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	10/6/17 8:11	10/6/17 18:41	EPA200.8	LAH

Client Sample ID: NGCS-13A
Collection Date: 9/28/17 5:08

Lab ID: 17J0019-26
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	12.8	2.00		µg/L	1	10/6/17 8:11	10/6/17 18:44	EPA200.8	LAH

Client Sample ID: NGCS-13B
Collection Date: 9/28/17 5:14

Lab ID: 17J0019-27
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	3.35	2.00		µg/L	1	10/6/17 8:11	10/6/17 18:47	EPA200.8	LAH

Prairie Analytical Systems, Inc.

Date: 10/10/2017

LABORATORY RESULTS

Client:	Aires Consulting Group					Lab Order:	17J0019				
Project:	17-18300 Sycamore SD/ North Grove Elementary										
Client Sample ID:	NGS-14A					Lab ID:	17J0019-28				
Collection Date:	9/28/17 5:14					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	4.44	2.00		µg/L	1	10/6/17 8:12	10/6/17 18:55	EPA200.8	LAH		
Client Sample ID:	NGS-14B					Lab ID:	17J0019-29				
Collection Date:	9/28/17 5:15					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 8:12	10/6/17 19:04	EPA200.8	LAH		
Client Sample ID:	NGWF-15A					Lab ID:	17J0019-30				
Collection Date:	9/28/17 5:15					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 8:12	10/6/17 19:07	EPA200.8	LAH		
Client Sample ID:	NGWF-15B					Lab ID:	17J0019-31				
Collection Date:	9/28/17 5:16					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	U	2.00		µg/L	1	10/6/17 8:12	10/6/17 19:18	EPA200.8	LAH		
Client Sample ID:	NGCS-16A					Lab ID:	17J0019-32				
Collection Date:	9/28/17 5:16					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	35.1	2.00		µg/L	1	10/6/17 8:12	10/6/17 19:21	EPA200.8	LAH		
Client Sample ID:	NGCS-16B					Lab ID:	17J0019-33				
Collection Date:	9/28/17 5:19					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	2.82	2.00		µg/L	1	10/6/17 8:12	10/6/17 19:24	EPA200.8	LAH		
Client Sample ID:	NGS-17A					Lab ID:	17J0019-34				
Collection Date:	9/28/17 5:19					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	3.94	2.00		µg/L	1	10/6/17 8:12	10/6/17 19:27	EPA200.8	LAH		

Prairie Analytical Systems, Inc.

Date: 10/10/2017

LABORATORY RESULTS

Client: Aires Consulting Group
Project: 17-18300 Sycamore SD/ North Grove Elementary
Client Sample ID: NGS-17A
Collection Date: 9/28/17 5:19

Lab Order: 17J0019
Lab ID: 17J0019-34
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Client Sample ID: NGS-17B
Collection Date: 9/28/17 5:20

Lab ID: 17J0019-35
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	U	2.00		µg/L	1	10/6/17 8:12	10/6/17 19:30	EPA200.8	LAH
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Client Sample ID: NGWF-18A
Collection Date: 9/28/17 5:21

Lab ID: 17J0019-36
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	U	2.00		µg/L	1	10/6/17 8:12	10/6/17 19:33	EPA200.8	LAH
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Client Sample ID: NGWF-18B
Collection Date: 9/28/17 5:21

Lab ID: 17J0019-37
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	U	2.00		µg/L	1	10/6/17 8:12	10/6/17 19:35	EPA200.8	LAH
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Client Sample ID: NGWF-19A
Collection Date: 9/28/17 5:25

Lab ID: 17J0019-38
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	31.9	2.00		µg/L	1	10/6/17 8:12	10/6/17 19:38	EPA200.8	LAH
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Client Sample ID: NGWF-19B
Collection Date: 9/28/17 5:25

Lab ID: 17J0019-39
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	2.67	2.00		µg/L	1	10/6/17 8:12	10/6/17 19:58	EPA200.8	LAH
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Client Sample ID: NGS-20A
Collection Date: 9/28/17 5:26

Lab ID: 17J0019-40
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	4.35	2.00		µg/L	1	10/6/17 8:12	10/6/17 20:01	EPA200.8	LAH
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Prairie Analytical Systems, Inc.

Date: 10/10/2017

LABORATORY RESULTS

Client:	Aires Consulting Group									
Project:	17-18300 Sycamore SD/ North Grove Elementary					Lab Order:	17J0019			
Client Sample ID:	NGS-20B					Lab ID:	17J0019-41			
Collection Date:	9/28/17 5:26					Matrix:	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS										
*Lead	U	2.00		µg/L	1	10/6/17 8:12	10/6/17 20:04	EPA200.8	LAH	
Client Sample ID:	NGWF-21A					Lab ID:	17J0019-42			
Collection Date:	9/28/17 5:27					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 8:12	10/6/17 20:07	EPA200.8	LAH	
Client Sample ID:	NGWF-21B					Lab ID:	17J0019-43			
Collection Date:	9/28/17 5:27					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 8:12	10/6/17 20:10	EPA200.8	LAH	
Client Sample ID:	NGWF-22A					Lab ID:	17J0019-44			
Collection Date:	9/28/17 5:29					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 8:12	10/6/17 20:13	EPA200.8	LAH	
Client Sample ID:	NGWF-22B					Lab ID:	17J0019-45			
Collection Date:	9/28/17 5:29					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 8:12	10/6/17 20:16	EPA200.8	LAH	
Client Sample ID:	NGWF-23A					Lab ID:	17J0019-46			
Collection Date:	9/28/17 5:30					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 8:12	10/6/17 20:18	EPA200.8	LAH	
Client Sample ID:	NGWF-23B					Lab ID:	17J0019-47			
Collection Date:	9/28/17 5:30					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 8:12	10/6/17 20:21	EPA200.8	LAH	

Prairie Analytical Systems, Inc.

Date: 10/10/2017

LABORATORY RESULTS

Client:	Aires Consulting Group					Lab Order:	17J0019				
Project:	17-18300 Sycamore SD/ North Grove Elementary										
Client Sample ID:	NGWF-24A					Lab ID:	17J0019-48				
Collection Date:	9/28/17 5:31					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 8:13	10/6/17 20:39	EPA200.8	LAH		
Client Sample ID:	NGWF-24B					Lab ID:	17J0019-49				
Collection Date:	9/28/17 5:31					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 8:13	10/6/17 20:47	EPA200.8	LAH		
Client Sample ID:	NGKS-25A					Lab ID:	17J0019-50				
Collection Date:	9/28/17 5:41					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	6.79	2.00		µg/L	1	10/6/17 8:13	10/6/17 20:50	EPA200.8	LAH		
Client Sample ID:	NGKS-25B					Lab ID:	17J0019-51				
Collection Date:	9/28/17 5:41					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	2.37	2.00		µg/L	1	10/6/17 8:13	10/6/17 20:53	EPA200.8	LAH		
Client Sample ID:	NGKS-26A					Lab ID:	17J0019-52				
Collection Date:	9/28/17 5:42					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	7.28	2.00		µg/L	1	10/6/17 8:13	10/6/17 20:56	EPA200.8	LAH		
Client Sample ID:	NGKS-26B					Lab ID:	17J0019-53				
Collection Date:	9/28/17 5:42					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	2.03	2.00		µg/L	1	10/6/17 8:13	10/6/17 20:59	EPA200.8	LAH		
Client Sample ID:	NGKS-27A					Lab ID:	17J0019-54				
Collection Date:	9/28/17 5:43					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	6.03	2.00		µg/L	1	10/6/17 8:13	10/6/17 21:02	EPA200.8	LAH		

Prairie Analytical Systems, Inc.

Date: 10/10/2017

LABORATORY RESULTS

Client: Aires Consulting Group
Project: 17-18300 Sycamore SD/ North Grove Elementary
Client Sample ID: NGKS-27A
Collection Date: 9/28/17 5:43

Lab Order: 17J0019
Lab ID: 17J0019-54
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Client Sample ID: NGKS-27B
Collection Date: 9/28/17 5:43

Lab ID: 17J0019-55
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	2.45	2.00		µg/L	1	10/6/17 8:13	10/6/17 21:13	EPA200.8	LAH
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Client Sample ID: NGKS-28A
Collection Date: 9/28/17 5:44

Lab ID: 17J0019-56
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	3.67	2.00		µg/L	1	10/6/17 8:13	10/6/17 21:16	EPA200.8	LAH
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Client Sample ID: NGKS-28B
Collection Date: 9/28/17 5:44

Lab ID: 17J0019-57
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	2.96	2.00		µg/L	1	10/6/17 8:13	10/6/17 21:19	EPA200.8	LAH
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Client Sample ID: NGCS-29A
Collection Date: 9/28/17 5:47

Lab ID: 17J0019-58
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	5.68	2.00		µg/L	1	10/6/17 8:13	10/6/17 21:22	EPA200.8	LAH
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Client Sample ID: NGCS-29B
Collection Date: 9/28/17 5:47

Lab ID: 17J0019-59
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	2.37	2.00		µg/L	1	10/6/17 8:13	10/6/17 21:30	EPA200.8	LAH
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Client Sample ID: NGCS-30A
Collection Date: 9/28/17 5:48

Lab ID: 17J0019-60
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	4.43	2.00		µg/L	1	10/6/17 8:13	10/6/17 21:33	EPA200.8	LAH
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Prairie Analytical Systems, Inc.

Date: 10/10/2017

LABORATORY RESULTS

Client: Aires Consulting Group
Project: 17-18300 Sycamore SD/ North Grove Elementary
Client Sample ID: NGCS-30B
Collection Date: 9/28/17 5:48

Lab Order: 17J0019
Lab ID: 17J0019-61
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	3.73	2.00		µg/L	1	10/6/17 8:13	10/6/17 21:36	EPA200.8	LAH

Client Sample ID: NGWF-31A
Collection Date: 9/28/17 5:53

Lab ID: 17J0019-62
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 8:13	10/6/17 21:39	EPA200.8	LAH

Client Sample ID: NGWF-31B
Collection Date: 9/28/17 5:53

Lab ID: 17J0019-63
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 8:13	10/6/17 21:53	EPA200.8	LAH

Client Sample ID: NGWF-32A
Collection Date: 9/28/17 5:54

Lab ID: 17J0019-64
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 8:13	10/6/17 21:56	EPA200.8	LAH

Client Sample ID: NGWF-32B
Collection Date: 9/28/17 5:54

Lab ID: 17J0019-65
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 8:13	10/6/17 21:59	EPA200.8	LAH

Client Sample ID: NGWF-33A
Collection Date: 9/28/17 5:58

Lab ID: 17J0019-66
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 8:13	10/6/17 22:02	EPA200.8	LAH

Client Sample ID: NGWF-33B
Collection Date: 9/28/17 5:58

Lab ID: 17J0019-67
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 8:13	10/6/17 22:05	EPA200.8	LAH

Prairie Analytical Systems, Inc.

Date: 10/10/2017

LABORATORY RESULTS

Client:	Aires Consulting Group					Lab Order:	17J0019				
Project:	17-18300 Sycamore SD/ North Grove Elementary										
Client Sample ID:	NGBF-33C					Lab ID:	17J0019-68				
Collection Date:	9/28/17 5:59					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 8:14	10/6/17 22:13	EPA200.8	LAH		
Client Sample ID:	NGWF-34A					Lab ID:	17J0019-69				
Collection Date:	9/28/17 6:00					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 8:14	10/6/17 22:31	EPA200.8	LAH		
Client Sample ID:	NGWF-34B					Lab ID:	17J0019-70				
Collection Date:	9/28/17 6:00					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 8:14	10/6/17 22:33	EPA200.8	LAH		
Client Sample ID:	NGCS-35A					Lab ID:	17J0019-71				
Collection Date:	9/28/17 4:55					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	44.2	2.00		µg/L	1	10/6/17 8:14	10/6/17 22:36	EPA200.8	LAH		
Client Sample ID:	NGCS-35B					Lab ID:	17J0019-72				
Collection Date:	9/28/17 4:55					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 8:14	10/6/17 22:39	EPA200.8	LAH		
Client Sample ID:	NGWF-36A					Lab ID:	17J0019-73				
Collection Date:	9/28/17 6:05					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	U	2.00		µg/L	1	10/6/17 8:14	10/6/17 22:42	EPA200.8	LAH		
Client Sample ID:	NGWF-36B					Lab ID:	17J0019-74				
Collection Date:	9/28/17 6:05					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	U	2.00		µg/L	1	10/6/17 8:14	10/6/17 22:45	EPA200.8	LAH		

Prairie Analytical Systems, Inc.

Date: 10/10/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 Sycamore SD/ North Grove Elementary

Lab Order: 17J0019

Client Sample ID: NGWF-36B

Lab ID: 17J0019-74

Collection Date: 9/28/17 6:05

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Client Sample ID: NGWF-37A

Lab ID: 17J0019-75

Collection Date: 9/28/17 6:06

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	U	2.00		µg/L	1	10/6/17 8:14	10/6/17 22:48	EPA200.8	LAH
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Client Sample ID: NGWF-37B

Lab ID: 17J0019-76

Collection Date: 9/28/17 6:06

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	U	2.00		µg/L	1	10/6/17 8:14	10/6/17 22:51	EPA200.8	LAH
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Client Sample ID: NGIF-38

Lab ID: 17J0019-77

Collection Date: 9/28/17 6:15

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Metals by ICP-MS

*Lead	U	2.00		µg/L	1	10/6/17 8:14	10/6/17 22:53	EPA200.8	LAH
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Prairie Analytical Systems, Inc.

Date: 10/10/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 Sycamore SD/ North Grove Elementary

Lab Order: 17J0019

Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A006204 - EPA 200.8 Metals

Blank (A006204-BLK1)

Prepared & Analyzed: 10/06/201

Lead	U	2.00	µg/L
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LCS (A006204-BS1)

Prepared & Analyzed: 10/06/201

Lead	456	2.00	µg/L	500.00	91	85-115
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Matrix Spike (A006204-MS1)

Source: 17J0018-47

Prepared & Analyzed: 10/06/201

Lead	474	2.00	µg/L	500.00	11.0	93	75-125
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Matrix Spike (A006204-MS2)

Source: 17J0018-57

Prepared & Analyzed: 10/06/201

Lead	509	2.00	µg/L	500.00	15.9	99	75-125
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Matrix Spike Dup (A006204-MSD1)

Source: 17J0018-47

Prepared & Analyzed: 10/06/201

Lead	472	2.00	µg/L	500.00	11.0	92	75-125	0.5	20
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Matrix Spike Dup (A006204-MSD2)

Source: 17J0018-57

Prepared & Analyzed: 10/06/201

Lead	492	2.00	µg/L	500.00	15.9	95	75-125	3	20
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Batch A006206 - EPA 200.8 Metals

Blank (A006206-BLK1)

Prepared & Analyzed: 10/06/201

Lead	U	2.00	µg/L
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LCS (A006206-BS1)

Prepared & Analyzed: 10/06/201

Lead	462	2.00	µg/L	500.00	92	85-115
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Matrix Spike (A006206-MS1)

Source: 17J0019-08

Prepared & Analyzed: 10/06/201

Lead	459	2.00	µg/L	500.00	0.162	92	75-125
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Prairie Analytical Systems, Inc.

Date: 10/10/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 Sycamore SD/ North Grove Elementary

Lab Order: 17J0019

Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A006206 - EPA 200.8 Metals

Matrix Spike (A006206-MS2)		Source: 17J0019-18		Prepared & Analyzed: 10/06/201						
Lead	482	2.00	µg/L	500.00	ND	96	75-125			
Matrix Spike Dup (A006206-MSD1)		Source: 17J0019-08		Prepared & Analyzed: 10/06/201						
Lead	474	2.00	µg/L	500.00	0.162	95	75-125	3	20	
Matrix Spike Dup (A006206-MSD2)		Source: 17J0019-18		Prepared & Analyzed: 10/06/201						
Lead	476	2.00	µg/L	500.00	ND	95	75-125	1	20	

Batch A006207 - EPA 200.8 Metals

Blank (A006207-BLK1)		Prepared & Analyzed: 10/06/201								
Lead	U	2.00	µg/L							
LCS (A006207-BS1)		Prepared & Analyzed: 10/06/201								
Lead	465	2.00	µg/L	500.00		93	85-115			
Matrix Spike (A006207-MS1)		Source: 17J0019-28		Prepared & Analyzed: 10/06/201						
Lead	500	2.00	µg/L	500.00	4.44	99	75-125			
Matrix Spike (A006207-MS2)		Source: 17J0019-38		Prepared & Analyzed: 10/06/201						
Lead	543	2.00	µg/L	500.00	31.9	102	75-125			
Matrix Spike Dup (A006207-MSD1)		Source: 17J0019-28		Prepared & Analyzed: 10/06/201						
Lead	486	2.00	µg/L	500.00	4.44	96	75-125	3	20	
Matrix Spike Dup (A006207-MSD2)		Source: 17J0019-38		Prepared & Analyzed: 10/06/201						
Lead	525	2.00	µg/L	500.00	31.9	99	75-125	3	20	

Prairie Analytical Systems, Inc.

Date: 10/10/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 Sycamore SD/ North Grove Elementary

Lab Order: 17J0019

Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A006208 - EPA 200.8 Metals

Blank (A006208-BLK1)

Prepared & Analyzed: 10/06/201

Lead	U	2.00	µg/L
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LCS (A006208-BS1)

Prepared & Analyzed: 10/06/201

Lead	472	2.00	µg/L	500.00	94	85-115
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Matrix Spike (A006208-MS1)

Source: 17J0019-48

Prepared & Analyzed: 10/06/201

Lead	509	2.00	µg/L	500.00	0.406	102	75-125
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Matrix Spike (A006208-MS2)

Source: 17J0019-58

Prepared & Analyzed: 10/06/201

Lead	501	2.00	µg/L	500.00	5.68	99	75-125
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Matrix Spike Dup (A006208-MSD1)

Source: 17J0019-48

Prepared & Analyzed: 10/06/201

Lead	491	2.00	µg/L	500.00	0.406	98	75-125	4	20
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Matrix Spike Dup (A006208-MSD2)

Source: 17J0019-58

Prepared & Analyzed: 10/06/201

Lead	493	2.00	µg/L	500.00	5.68	97	75-125	2	20
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Batch A006209 - EPA 200.8 Metals

Blank (A006209-BLK1)

Prepared & Analyzed: 10/06/201

Lead	U	2.00	µg/L
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LCS (A006209-BS1)

Prepared & Analyzed: 10/06/201

Lead	468	2.00	µg/L	500.00	94	85-115
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Matrix Spike (A006209-MS1)

Source: 17J0019-68

Prepared & Analyzed: 10/06/201

Lead	528	2.00	µg/L	500.00	0.0483	106	75-125
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Prairie Analytical Systems, Inc.

Date: 10/10/2017

LABORATORY RESULTS

Client: Aires Consulting Group
Project: 17-18300 Sycamore SD/ North Grove Elementary Lab Order: 17J0019
Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A006209 - EPA 200.8 Metals

Matrix Spike Dup (A006209-MSD1)			Source: 17J0019-68		Prepared & Analyzed: 10/06/201					
Lead	489	2.00	µg/L	500.00	0.0483	98	75-125	8	20	

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

LABORATORY RESULTS

Client: Aires Consulting Group**Project:** 17-18300 Sycamore SD/ North Grove Elementary**Lab Order:** 17J0019

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 - 9111 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										TACO			
City, State, Zip Code		Batavia, IL 60510														CCDD			
Phone / Facsimile		630.879.3006														Residential			
Project Name / Number		Sycamore SD														Industrial / Commercial			
Project Location		North Grove Elementary														CALM			
P.O. # or Invoice To		17-18300				Residential		A		D		B		E		C		F	
Contact Person		Geoff Bacci II				RISC		Residential		Industrial		Sampler Comments							
Sample Description		Sampling		Preserv		Matrix		No. of		Sample Type									
		Date		Time		Code		Containers		Comp		Grab							
See attached Addendum (4 pages) for sample information (77 samples)																			
Unless otherwise noted: Matrix Code: DW Preservative Code: 0 No. of containers per sample: 1 Sample Type: Grab Analysis requested: Lead in Drinking Water																			
Matrix Code		A - Aqueous		DW - Drinking Water		GW - Ground Water		NA - Non-Aqueous Liquid		S - Solid		O - Oil		X - Other (Specify)					
Preservative Code		0 - None		1 - HCl		2 - H2SO4		3 - HNO3		4 - NaOH		5 - 5035 Kit		X - Other (Specify)					
Relinquished By		Date		Time		Received By		Date		Time		Method of Shipment							
[Signature]		9/29/17		8:00 am		[Signature]		9/29/17		8am		Appendix I							
[Signature]		9/29/17		12:15pm		[Signature]		9/29/17		1215									
[Signature]		9/29/17		1350		[Signature]		9/29/17		1350		UPS							
Instructions:		12M		10/2/17 1700															
Turnaround Time: Standard		Rush		QC Level		On wet ice?		Temperature (°C)											
Date Required:		10/2/17		3		4		22.0											

Copies: White - Client / Yellow - PAS, Inc. / Pink - Sampler
 PAS COC - 7/1/15

ISBE ID: 16019427026008
Building ID: 0001
Building Description: North Grove Elementary
Sample Collection Date: 9.28.17
Collected by: Dan Petras

Sample Time (12 HR Clock)	Sample ID Number	Sample Location Description	Fixture Type	Date of Last Use	Time of Last Use (12 HR Clock)	Sample Type	Sample Volume (ml)	Notes
4:31 AM	NGS-1A	NG1	S - Sink	9.27.17	7:00 PM	First Draw	250	
4:31 AM	NGS-1B	NG1	S - Sink	9.27.17	7:00 PM	Flush	250	
4:32 AM	NGS-2A	NG2	S - Sink	9.27.17	7:00 PM	First Draw	250	
4:32 AM	NGS-2B	NG2	S - Sink	9.27.17	7:00 PM	Flush	250	
4:36 AM	NGS-3A	NG3	S - Sink	9.27.17	7:00 PM	First Draw	250	
4:36 AM	NGS-3B	NG3	S - Sink	9.27.17	7:00 PM	Flush	250	
4:37 AM	NGWF-4A	NG4	WF - Water Cooler	9.27.17	7:00 PM	First Draw	250	
4:37 AM	NGWF-4B	NG4	WF - Water Cooler	9.27.17	7:00 PM	Flush	250	
4:41 AM	NGCS-5A	NG5	S - Sink	9.27.17	7:00 PM	First Draw	250	
4:42 AM	NGCS-5B	NG5	S - Sink	9.27.17	7:00 PM	Flush	250	
4:43 AM	NGS-6A	NG6	S - Sink	9.27.17	7:00 PM	First Draw	250	
4:43 AM	NGS-6B	NG6	S - Sink	9.27.17	7:00 PM	Flush	250	
4:47 AM	NGWF-7A	NG7	WF - Water Cooler	9.27.17	7:00 PM	First Draw	250	
4:47 AM	NGWF-7B	NG7	WF - Water Cooler	9.27.17	7:00 PM	Flush	250	
4:48 AM	NGWF-8A	NG8	WF - Water Cooler	9.27.17	7:00 PM	First Draw	250	
4:48 AM	NGWF-8B	NG8	WF - Water Cooler	9.27.17	7:00 PM	Flush	250	
5:03 AM	NGWF-9A	NG9	WF - Water Cooler	9.27.17	7:00 PM	First Draw	250	
5:03 AM	NGWF-9B	NG9	WF - Water Cooler	9.27.17	7:00 PM	Flush	250	
5:04 AM	NGBF-9C	NG9	O - Other	9.27.17	7:00 PM	First Draw	250	bottle fill
5:04 AM	NGWF-10A	NG10	WF - Water Cooler	9.27.17	7:00 PM	First Draw	250	
5:05 AM	NGWF-10B	NG10	WF - Water Cooler	9.27.17	7:00 PM	Flush	250	
5:05 AM	NGWF-11A	NG13	WF - Water Cooler	9.27.17	7:00 PM	First Draw	250	

ISBE ID: 16019427026008
Building ID: 001
Building Description: North Grove Elementary
Sample Collection Date: 9.28.17
Collected by: Dan Petras

Sample Time (12 HR Clock)	Sample ID Number	Sample Location Description	Fixture Type	Date of Last Use	Time of Last Use (12 HR Clock)	Sample Type	Sample Volume (mL)	Notes
5:07 AM	NGWF-11B	NG13	WF - Water Cooler	9.27.17	7:00 PM	Flush	250	
5:07 AM	NGWF-12A	NG14	WF - Water Cooler	9.27.17	7:00 PM	First Draw	250	
5:08 AM	NGWF-12B	NG14	WF - Water Cooler	9.27.17	7:00 PM	Flush	250	
5:08 AM	NGCS-13A	NG17	S - Sink	9.27.17	7:00 PM	First Draw	250	
5:14 AM	NGCS-13B	NG17	S - Sink	9.27.17	7:00 PM	Flush	250	
5:14 AM	NGS-14A	NG18	S - Sink	9.27.17	7:00 PM	First Draw	250	
5:15 AM	NGS-14B	NG18	S - Sink	9.27.17	7:00 PM	Flush	250	
5:15 AM	NGWF-15A	NG17b	WF - Water Cooler	9.27.17	7:00 PM	First Draw	250	
5:16 AM	NGWF-15B	NG17b	WF - Water Cooler	9.27.17	7:00 PM	Flush	250	
5:16 AM	NGCS-16A	NG11	S - Sink	9.27.17	7:00 PM	First Draw	250	
5:19 AM	NGCS-16B	NG11	S - Sink	9.27.17	7:00 PM	Flush	250	
5:19 AM	NGS-17A	NG12	S - Sink	9.27.17	7:00 PM	First Draw	250	
5:20 AM	NGS-17B	NG12	S - Sink	9.27.17	7:00 PM	Flush	250	
5:21 AM	NGWF-18A	NG11b	WF - Water Cooler	9.27.17	7:00 PM	First Draw	250	
5:21 AM	NGWF-18B	NG11b	WF - Water Cooler	9.27.17	7:00 PM	Flush	250	
5:25 AM	NGWF-19A	NG15	WF - Water Cooler	9.27.17	7:00 PM	First Draw	250	
5:25 AM	NGWF-19B	NG15	WF - Water Cooler	9.27.17	7:00 PM	Flush	250	
5:26 AM	NGS-20A	NG16	S - Sink	9.27.17	7:00 PM	First Draw	250	
5:26 AM	NGS-20B	NG16	S - Sink	9.27.17	7:00 PM	Flush	250	
5:27 AM	NGWF-21A	NG15b	WF - Water Cooler	9.27.17	7:00 PM	First Draw	250	
5:27 AM	NGWF-21B	NG15b	WF - Water Cooler	9.27.17	7:00 PM	Flush	250	
5:29 AM	NGWF-22A	NG19	WF - Water Cooler	9.27.17	7:00 PM	First Draw	250	

Appendix II

SBE ID: 16019427026008
Building ID: 0001
Building Description: North Grove Elementary
Sample Collection Date: 9.28.17
Collected by: Dan Petras

Sample Time (12 HR Clock)	Sample ID Number	Sample Location Description	Fixture Type	Date of Last Use	Time of Last Use (12 HR Clock)	Sample Type	Sample Volume (mL)	Notes
5:29 AM	NGWF-22B	NG19	WF - Water Cooler	9.27.17	7:00 PM	Flush	250	
5:30 AM	NGWF-23A	NG20	WF - Water Cooler	9.27.17	7:00 PM	First Draw	250	
5:30 AM	NGWF-23B	NG20	WF - Water Cooler	9.27.17	7:00 PM	Flush	250	
5:31 AM	NGWF-24A	NG21	WF - Water Cooler	9.27.17	7:00 PM	First Draw	250	
5:31 AM	NGWF-24B	NG21	WF - Water Cooler	9.27.17	7:00 PM	Flush	250	
5:41 AM	NGKS-25A	NG24	KS - Kitchen Sink	9.27.17	7:00 PM	First Draw	250	
5:41 AM	NGKS-25B	NG24	KS - Kitchen Sink	9.27.17	7:00 PM	Flush	250	
5:42 AM	NGKS-26A	NG23	KS - Kitchen Sink	9.27.17	7:00 PM	First Draw	250	
5:42 AM	NGKS-26B	NG23	KS - Kitchen Sink	9.27.17	7:00 PM	Flush	250	
5:43 AM	NGKS-27A	NG22	KS - Kitchen Sink	9.27.17	7:00 PM	First Draw	250	
5:43 AM	NGKS-27B	NG22	KS - Kitchen Sink	9.27.17	7:00 PM	Flush	250	
5:44 AM	NGKS-28A	NG23b	KS - Kitchen Sink	9.27.17	7:00 PM	First Draw	250	
5:44 AM	NGKS-28B	NG23b	KS - Kitchen Sink	9.27.17	7:00 PM	Flush	250	
5:47 AM	NGCS-29A	NG25	S - Sink	9.27.17	7:00 PM	First Draw	250	
5:47 AM	NGCS-29B	NG25	S - Sink	9.27.17	7:00 PM	Flush	250	
5:48 AM	NGCS-30A	NG26	S - Sink	9.27.17	7:00 PM	First Draw	250	
5:48 AM	NGCS-30B	NG26	S - Sink	9.27.17	7:00 PM	Flush	250	
5:53 AM	NGWF-31A	NG2-5	WF - Water Cooler	9.27.17	7:00 PM	First Draw	250	
5:53 AM	NGWF-31B	NG2-5	WF - Water Cooler	9.27.17	7:00 PM	Flush	250	
5:54 AM	NGWF-32A	NG2-6	WF - Water Cooler	9.27.17	7:00 PM	First Draw	250	
5:54 AM	NGWF-32B	NG2-6	WF - Water Cooler	9.27.17	7:00 PM	Flush	250	
5:58 AM	NGWF-33A	NG2-3	WF - Water Cooler	9.27.17	7:00 PM	First Draw	250	

Appendix II

SBIE ID:	160194427026008
Building ID:	6001
Building Description:	North Grove Elementary
Sample Collection Date:	9.28.17
Collected by:	Dan Petras

[illegible]



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 Grove Elementary

PAS WO: 17K0444

Prairie Analytical Systems, Inc. received 6 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

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 Grove Elementary
 Client Sample ID: NG1-11A
 Collection Date: 11/8/17 7:09

Lab Order: 17K0444
 Lab ID: 17K0444-01
 Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	13.3	2.00		µg/L	1	11/29/17 14:53	11/30/17 13:23	EPA200.8 R5.	KSH

Client Sample ID: NG1-11B
 Collection Date: 11/8/17 7:09

Lab ID: 17K0444-02
 Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	2.23	2.00		µg/L	1	11/29/17 14:53	11/30/17 13:30	EPA200.8 R5.	KSH

Client Sample ID: NG1-15A
 Collection Date: 11/8/17 7:11

Lab ID: 17K0444-03
 Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	16.5	2.00		µg/L	1	11/29/17 14:53	11/30/17 13:39	EPA200.8 R5.	KSH

Client Sample ID: NG1-15B
 Collection Date: 11/8/17 7:11

Lab ID: 17K0444-04
 Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	3.46	2.00		µg/L	1	11/29/17 14:53	11/30/17 13:41	EPA200.8 R5.	KSH

Client Sample ID: NG1-8b-A
 Collection Date: 11/8/17 7:15

Lab ID: 17K0444-05
 Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	12.6	2.00		µg/L	1	11/29/17 14:53	11/30/17 13:43	EPA200.8 R5.	KSH

Client Sample ID: NG1-8b-B
 Collection Date: 11/8/17 7:15

Lab ID: 17K0444-06
 Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	11/29/17 14:53	11/30/17 13:45	EPA200.8 R5.	KSH

Prairie Analytical Systems, Inc.

Date: 12/6/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: Sycamore SD/ North Grove Elementary

Lab Order: 17K0444

Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch A007735 - EPA 200.8 Metals

Blank (A007735-BLK1)

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

Lead	U	2.00	µg/L
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LCS (A007735-BS1)

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

Lead	468	2.00	µg/L	500.00	94	85-115
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Matrix Spike (A007735-MS1)

Source: 17K0443-37

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

Lead	436	2.00	µg/L	500.00	0.292	87	75-125
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Matrix Spike (A007735-MS2)

Source: 17K0444-01

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

Lead	446	2.00	µg/L	500.00	13.3	87	75-125
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Matrix Spike Dup (A007735-MSD1)

Source: 17K0443-37

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

Lead	440	2.00	µg/L	500.00	0.292	88	75-125	0.9	20
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Matrix Spike Dup (A007735-MSD2)

Source: 17K0444-01

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

Lead	450	2.00	µg/L	500.00	13.3	87	75-125	0.8	20
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Prairie Analytical Systems, Inc.**Date:** 12/6/2017

LABORATORY RESULTS

Client: Aires Consulting Group**Project:** Sycamore SD/ North Grove Elementary**Lab Order:** 17K0444

Notes and Definitions

* NELAC certified compound.

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

Frairie

Central IL - 1210 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152
Chicago IL Office - 5114 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

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