
WATER QUALITY TESTING

FOR

***SYCAMORE COMMUNITY SCHOOL DISTRICT #427
SOUTH PRAIRIE***

SYCAMORE, ILLINOIS

SEPTEMBER 1, 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 South Prairie Elementary School. Water sampling was conducted by Mr. Dan Petras of Aires Consulting on September 1, 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 September 28, 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**.

- SP-24A: first draw sample from sink SP-24 in the Kitchen - 7.85 ppb
- **SP-26A: first draw sample from the left water cooler located in the south side of the Cafeteria - 42.1 ppb**
- **SP-26B: flush sample from the left water cooler located in the south side of the Cafeteria - 21.8 ppb**
- **SP-27A: first draw sample from the right water cooler located in the south side of the Cafeteria - 20.3 ppb**
- SP-27B: flush sample from the right water cooler located in the south side of the Cafeteria - 14.6 ppb
- SP-21A: first draw sample from the sink SP-21 in the Art Room - 5.43 ppb
- SP-22A: first draw sample from sink SP-22 in the Art Room - 5.30 ppb
- SP-6A: first draw sample from the Symmons sink in Room 102 - 5.85 ppb

- SP-7A: first draw sample from the Delta sink in Room 102 - 5.66 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 September 28, 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**.

All results were less than 5 parts per billion (ppb). Results ranged from non-detectable (< 2 ppb) to 4.32 ppb. Results should be posted on the Districts website.

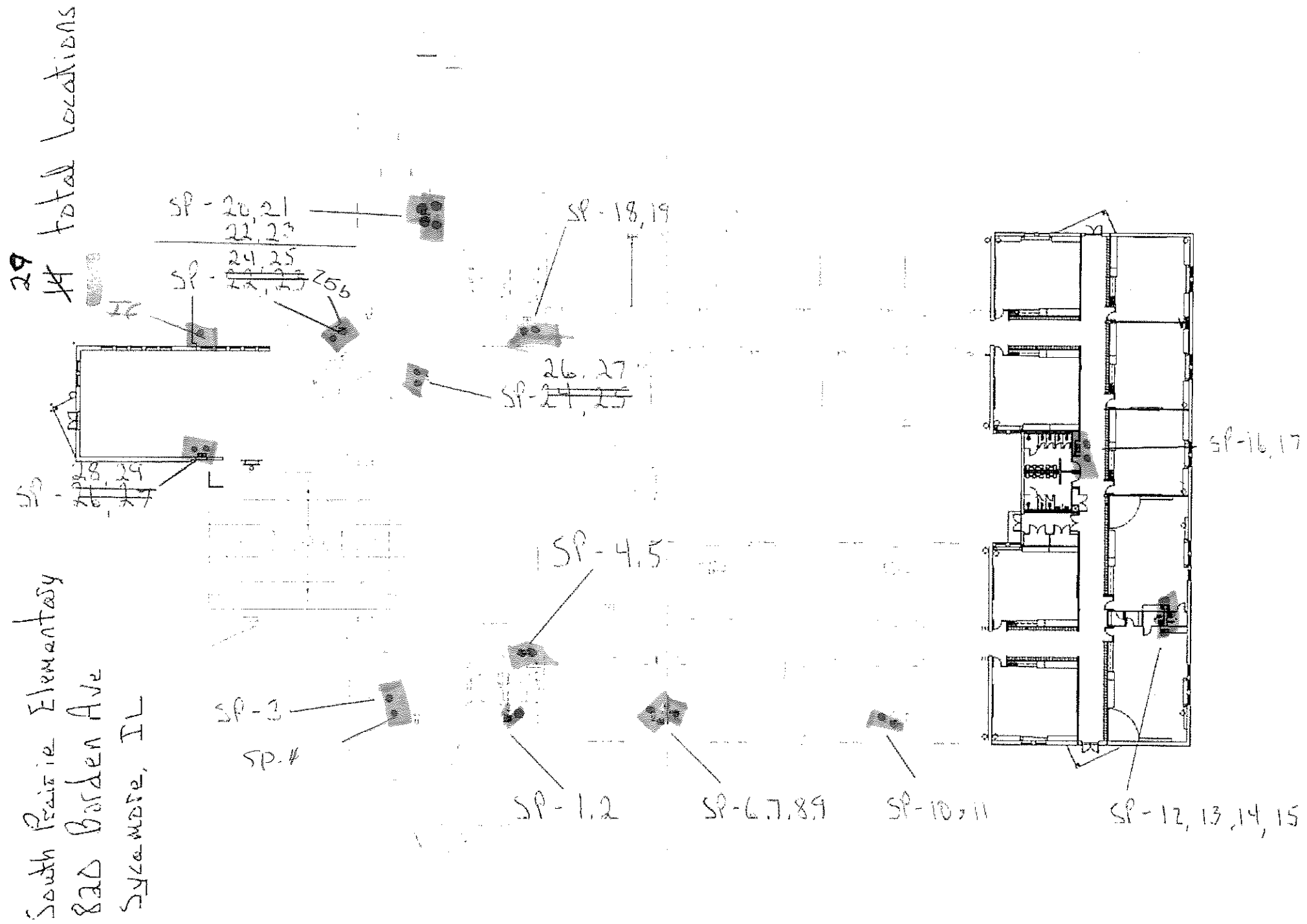
PROFESSIONAL CERTIFICATION

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



ISBE ID	Building ID	Building Description	Sample Date	Sample Time (12 HR Clock)	Collected By	Sample ID Number	Sample Location Description	Fixture Type	Date of Last Use	Time of Last Use (12 HR Clock)	Sample Type	Sample Volume (mL)	Laboratory Name	Analytical Method	Concentration (ug/L)	Reporting Limit (ug/L)	Notes
16019427026007			09/01/2017	05:45 AM		SP-28A	Cafeteria North	WF - Water Cooler			First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	05:45 AM		SP-28B	Cafeteria North	WF - Water Cooler			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	05:46 AM		SP-29A	Cafeteria North	WF - Water Cooler			First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	05:46 AM		SP-29B	Cafeteria North	WF - Water Cooler			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	05:48 AM		SP-24A	Kitchen	KS - Kitchen Sink			First Draw	250	Prairie Analytical	EPA 200.8	7.85 ppb	2.00 ppb	
16019427026007			09/01/2017	05:48 AM		SP-24B	Kitchen	KS - Kitchen Sink			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	05:49 AM		SP-25A	Kitchen	KS - Kitchen Sink			First Draw	250	Prairie Analytical	EPA 200.8	3.25 ppb	2.00 ppb	
16019427026007			09/01/2017	05:49 AM		SP-25B	Kitchen	KS - Kitchen Sink			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	05:51 AM		SP-25b-A	Kitchen	KS - Kitchen Sink			First Draw	250	Prairie Analytical	EPA 200.8	2.98 ppb	2.00 ppb	
16019427026007			09/01/2017	05:51 AM		SP-25b-B	Kitchen	KS - Kitchen Sink			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	05:53 AM		SP-26A	Cafeteria South	WF - Water Cooler			First Draw	250	Prairie Analytical	EPA 200.8	42.1 ppb	2.00 ppb	
16019427026007			09/01/2017	05:53 AM		SP-26B	Cafeteria South	WF - Water Cooler			Flush	250	Prairie Analytical	EPA 200.8	21.8 ppb	2.00 ppb	
16019427026007			09/01/2017	05:54 AM		SP-27A	Cafeteria South	WF - Water Cooler			First Draw	250	Prairie Analytical	EPA 200.8	20.3 ppb	2.00 ppb	
16019427026007			09/01/2017	05:54 AM		SP-27B	Cafeteria South	WF - Water Cooler			Flush	250	Prairie Analytical	EPA 200.8	14.6 ppb	2.00 ppb	
16019427026007			09/01/2017	06:00 AM		SP-20A	Art Room	S - Sink			First Draw	250	Prairie Analytical	EPA 200.8	2.38 ppb	2.00 ppb	
16019427026007			09/01/2017	06:00 AM		SP-20B	Art Room	S - Sink			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:01 AM		SP-21A	Art Room	S - Sink			First Draw	250	Prairie Analytical	EPA 200.8	5.43 ppb	2.00 ppb	
16019427026007			09/01/2017	06:01 AM		SP-21B	Art Room	S - Sink			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:02 AM		SP-22A	Art Room	S - Sink			First Draw	250	Prairie Analytical	EPA 200.8	5.30 ppb	2.00 ppb	
16019427026007			09/01/2017	06:02 AM		SP-22B	Art Room	S - Sink			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:03 AM		SP-23A	Art Room	S - Sink			First Draw	250	Prairie Analytical	EPA 200.8	4.27 ppb	2.00 ppb	
16019427026007			09/01/2017	06:03 AM		SP-23B	Art Room	S - Sink			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:05 AM		SP-19A	300 Hall	WF - Water Cooler			First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:05 AM		SP-19B	300 Hall	WF - Water Cooler			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:06 AM		SP-18A	300 Hall	WF - Water Cooler			First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:06 AM		SP-18B	300 Hall	WF - Water Cooler			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:06 AM		SP-18C	300 Hall	O - Other			First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:08 AM		SP-16A	200 Hall	WF - Water Cooler			First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:08 AM		SP-16B	200 Hall	WF - Water Cooler			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:09 AM		SP-17A	200 Hall	WF - Water Cooler			First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:09 AM		SP-17B	200 Hall	WF - Water Cooler			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:14 AM		SP-14A	Room 202	S - Sink			First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:14 AM		SP-14B	Room 202	S - Sink			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:15 AM		SP-15A	Room 202 Bathroom	S - Sink			First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:15 AM		SP-15B	Room 202 Bathroom	S - Sink			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:17 AM		SP-12A	Room 200	S - Sink			First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:17 AM		SP-12B	Room 200	S - Sink			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:18 AM		SP-13A	Room 200 Bathroom	S - Sink			First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:18 AM		SP-13B	Room 200 Bathroom	S - Sink			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:22 AM		SP-10A	Room 106	S - Sink			First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:22 AM		SP-10B	Room 106	S - Sink			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:23 AM		SP-11A	Room 106 Bathroom	S - Sink			First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:23 AM		SP-11B	Room 106 Bathroom	S - Sink			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:27 AM		SP-8A	Room 104	S - Sink			First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:27 AM		SP-8B	Room 104	S - Sink			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:28 AM		SP-9A	Room 104 Bathroom	S - Sink			First Draw	250	Prairie Analytical	EPA 200.8	3.28 ppb	2.00 ppb	
16019427026007			09/01/2017	06:28 AM		SP-9B	Room 104 Bathroom	S - Sink			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:30 AM		SP-7A	Room 102	S - Sink			First Draw	250	Prairie Analytical	EPA 200.8	5.66 ppb	2.00 ppb	
16019427026007			09/01/2017	06:30 AM		SP-7B	Room 102	S - Sink			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:31 AM		SP-6A	Room 102 Bathroom	S - Sink			First Draw	250	Prairie Analytical	EPA 200.8	5.85 ppb	2.00 ppb	
16019427026007			09/01/2017	06:31 AM		SP-6B	Room 102 Bathroom	S - Sink			Flush	250	Prairie Analytical	EPA 200.8	2.24 ppb	2.00 ppb	
16019427026007			09/01/2017	06:33 AM		SP-4A	100 Hall	WF - Water Cooler			First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:33 AM		SP-4B	100 Hall	WF - Water Cooler			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:34 AM		SP-4C	100 Hall	O - Other			First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:35 AM		SP-5A	100 Hall	WF - Water Cooler			First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:35 AM		SP-5B	100 Hall	WF - Water Cooler			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:36 AM		SP-3A	Lounge	S - Sink			First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:36 AM		SP-3B	Lounge	S - Sink			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:37 AM		SP-3b-A	Lounge	O - Other			First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:37 AM		SP-3b-B	Lounge	O - Other			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:39 AM		SP-2A	Nurse's Office	S - Sink			First Draw	250	Prairie Analytical	EPA 200.8	3.37 ppb	2.00 ppb	
16019427026007			09/01/2017	06:39 AM		SP-2B	Nurse's Office	S - Sink			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:40 AM		SP-1A	Nurse's Office Bathroom	S - Sink			First Draw	250	Prairie Analytical	EPA 200.8	2.61 ppb	2.00 ppb	
16019427026007			09/01/2017	06:40 AM		SP-1B	Nurse's Office Bathroom	S - Sink			Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
16019427026007			09/01/2017	06:55 AM		SP-1F	Room 401	S - Sink			Flush	960	Prairie Analytical	EPA 200.8	ND	2.00 ppb	



Tuesday, September 19, 2017

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

RE: 17-18300 South Prairie Elementary

PAS WO: 17I0090

Prairie Analytical Systems, Inc. received 65 sample(s) on 9/5/2017 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: 9/19/2017

LABORATORY RESULTS

Client: Aires Consulting Group
Project: 17-18300 South Prairie Elementary
Client Sample ID: SP-28A
Collection Date: 9/1/17 5:45

Lab Order: 17I0090
Lab ID: 17I0090-01
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	9/15/17 9:51	9/15/17 19:00	EPA200.8	LAH

Client Sample ID: SP-28B
Collection Date: 9/1/17 5:45

Lab ID: 17I0090-02
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	9/15/17 9:51	9/15/17 19:03	EPA200.8	LAH

Client Sample ID: SP-29A
Collection Date: 9/1/17 5:46

Lab ID: 17I0090-03
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	9/15/17 9:51	9/15/17 19:06	EPA200.8	LAH

Client Sample ID: SP-29B
Collection Date: 9/1/17 5:46

Lab ID: 17I0090-04
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	9/15/17 9:51	9/15/17 19:23	EPA200.8	LAH

Client Sample ID: SP-24A
Collection Date: 9/1/17 5:48

Lab ID: 17I0090-05
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	7.85	2.00		µg/L	1	9/15/17 9:51	9/15/17 19:26	EPA200.8	LAH

Client Sample ID: SP-24B
Collection Date: 9/1/17 5:48

Lab ID: 17I0090-06
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	9/15/17 9:51	9/15/17 19:29	EPA200.8	LAH

Client Sample ID: SP-25A
Collection Date: 9/1/17 5:49

Lab ID: 17I0090-07
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	3.25	2.00		µg/L	1	9/15/17 9:51	9/15/17 19:32	EPA200.8	LAH

Prairie Analytical Systems, Inc.

Date: 9/19/2017

LABORATORY RESULTS

Client:	Aires Consulting Group					Lab Order:	17I0090				
Project:	17-18300 South Prairie Elementary										
Client Sample ID:	SP-25B					Lab ID:	17I0090-08				
Collection Date:	9/1/17 5:49					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	U	2.00		µg/L	1	9/15/17 9:51	9/15/17 19:35	EPA200.8	LAH		
Client Sample ID:	SP-25b-A					Lab ID:	17I0090-09				
Collection Date:	9/1/17 5:51					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	2.98	2.00		µg/L	1	9/15/17 9:51	9/15/17 19:38	EPA200.8	LAH		
Client Sample ID:	SP-25b-B					Lab ID:	17I0090-10				
Collection Date:	9/1/17 5:51					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	U	2.00		µg/L	1	9/15/17 9:51	9/15/17 19:41	EPA200.8	LAH		
Client Sample ID:	SP-26A					Lab ID:	17I0090-11				
Collection Date:	9/1/17 5:53					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	42.1	2.00		µg/L	1	9/15/17 9:51	9/15/17 19:44	EPA200.8	LAH		
Client Sample ID:	SP-26B					Lab ID:	17I0090-12				
Collection Date:	9/1/17 5:53					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	21.8	2.00		µg/L	1	9/15/17 9:51	9/15/17 19:46	EPA200.8	LAH		
Client Sample ID:	SP-27A					Lab ID:	17I0090-13				
Collection Date:	9/1/17 5:54					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	20.3	2.00		µg/L	1	9/15/17 9:53	9/17/17 23:21	EPA200.8	LAH		
Client Sample ID:	SP-27B					Lab ID:	17I0090-14				
Collection Date:	9/1/17 5:54					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	14.6	2.00		µg/L	1	9/15/17 9:53	9/17/17 23:29	EPA200.8	LAH		

Prairie Analytical Systems, Inc.

Date: 9/19/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 South Prairie Elementary

Lab Order: 17I0090

Client Sample ID: SP-27B

Lab ID: 17I0090-14

Collection Date: 9/1/17 5:54

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Client Sample ID: SP-20A

Lab ID: 17I0090-15

Collection Date: 9/1/17 6:00

Matrix: Drinking Water

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

*Lead	2.38	2.00		µg/L	1	9/15/17 9:53	9/17/17 23:32	EPA200.8	LAH
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Client Sample ID: SP-20B

Lab ID: 17I0090-16

Collection Date: 9/1/17 6:00

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	9/15/17 9:53	9/17/17 23:35	EPA200.8	LAH
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Client Sample ID: SP-21A

Lab ID: 17I0090-17

Collection Date: 9/1/17 6:01

Matrix: Drinking Water

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

*Lead	5.43	2.00		µg/L	1	9/15/17 9:53	9/17/17 23:38	EPA200.8	LAH
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Client Sample ID: SP-21B

Lab ID: 17I0090-18

Collection Date: 9/1/17 6:01

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	9/15/17 9:53	9/17/17 23:41	EPA200.8	LAH
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Client Sample ID: SP-22A

Lab ID: 17I0090-19

Collection Date: 9/1/17 6:02

Matrix: Drinking Water

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

*Lead	5.30	2.00		µg/L	1	9/15/17 9:53	9/17/17 23:52	EPA200.8	LAH
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Client Sample ID: SP-22B

Lab ID: 17I0090-20

Collection Date: 9/1/17 6:02

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	9/15/17 9:53	9/17/17 23:55	EPA200.8	LAH
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Prairie Analytical Systems, Inc.

Date: 9/19/2017

LABORATORY RESULTS

Client: Aires Consulting Group
Project: 17-18300 South Prairie Elementary
Client Sample ID: SP-23A
Collection Date: 9/1/17 6:03

Lab Order: 17I0090
Lab ID: 17I0090-21
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	4.27	2.00		µg/L	1	9/15/17 9:53	9/17/17 23:58	EPA200.8	LAH

Client Sample ID: SP-23B
Collection Date: 9/1/17 6:03

Lab ID: 17I0090-22
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	9/15/17 9:53	9/18/17 0:01	EPA200.8	LAH

Client Sample ID: SP-19A
Collection Date: 9/1/17 6:05

Lab ID: 17I0090-23
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	9/15/17 9:53	9/18/17 0:04	EPA200.8	LAH

Client Sample ID: SP-19B
Collection Date: 9/1/17 6:05

Lab ID: 17I0090-24
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	9/15/17 9:53	9/18/17 0:12	EPA200.8	LAH

Client Sample ID: SP-18A
Collection Date: 9/1/17 6:06

Lab ID: 17I0090-25
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	9/15/17 9:53	9/18/17 0:15	EPA200.8	LAH

Client Sample ID: SP-18B
Collection Date: 9/1/17 6:06

Lab ID: 17I0090-26
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	9/15/17 9:53	9/18/17 0:18	EPA200.8	LAH

Client Sample ID: SP-18C
Collection Date: 9/1/17 6:06

Lab ID: 17I0090-27
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	9/15/17 9:53	9/18/17 0:29	EPA200.8	LAH

Prairie Analytical Systems, Inc.

Date: 9/19/2017

LABORATORY RESULTS

Client:	Aires Consulting Group					Lab Order:	17I0090					
Project:	17-18300 South Prairie Elementary											
Client Sample ID:	SP-16A					Lab ID:	17I0090-28					
Collection Date:	9/1/17 6:08					Matrix:	Drinking Water					
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst			
Metals by ICP-MS												
*Lead	U	2.00		µg/L	1	9/15/17 9:53	9/18/17 0:32	EPA200.8	LAH			
Client Sample ID:	SP-16B					Lab ID:	17I0090-29					
Collection Date:	9/1/17 6:08					Matrix:	Drinking Water					
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst			
Metals by ICP-MS												
*Lead	U	2.00		µg/L	1	9/15/17 9:53	9/18/17 0:35	EPA200.8	LAH			
Client Sample ID:	SP-17A					Lab ID:	17I0090-30					
Collection Date:	9/1/17 6:09					Matrix:	Drinking Water					
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst			
Metals by ICP-MS												
*Lead	U	2.00		µg/L	1	9/15/17 9:53	9/18/17 0:38	EPA200.8	LAH			
Client Sample ID:	SP-17B					Lab ID:	17I0090-31					
Collection Date:	9/1/17 6:09					Matrix:	Drinking Water					
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst			
Metals by ICP-MS												
*Lead	U	2.00		µg/L	1	9/15/17 9:53	9/18/17 0:41	EPA200.8	LAH			
Client Sample ID:	SP-14A					Lab ID:	17I0090-32					
Collection Date:	9/1/17 6:14					Matrix:	Drinking Water					
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst			
Metals by ICP-MS												
*Lead	U	2.00		µg/L	1	9/15/17 9:53	9/18/17 0:44	EPA200.8	LAH			
Client Sample ID:	SP-14B					Lab ID:	17I0090-33					
Collection Date:	9/1/17 6:14					Matrix:	Drinking Water					
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst			
Metals by ICP-MS												
*Lead	U	2.00		µg/L	1	9/15/17 9:54	9/18/17 0:52	EPA200.8	LAH			
Client Sample ID:	SP-15A					Lab ID:	17I0090-34					
Collection Date:	9/1/17 6:15					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	9/15/17 9:54	9/18/17 1:12	EPA200.8	LAH			

Prairie Analytical Systems, Inc.

Date: 9/19/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 South Prairie Elementary

Lab Order: 17I0090

Client Sample ID: SP-15A

Lab ID: 17I0090-34

Collection Date: 9/1/17 6:15

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Client Sample ID: SP-15B

Lab ID: 17I0090-35

Collection Date: 9/1/17 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	9/15/17 9:54	9/18/17 1:15	EPA200.8	LAH
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Client Sample ID: SP-12A

Lab ID: 17I0090-36

Collection Date: 9/1/17 6:17

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	9/15/17 9:54	9/18/17 1:18	EPA200.8	LAH
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Client Sample ID: SP-12B

Lab ID: 17I0090-37

Collection Date: 9/1/17 6:17

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	9/15/17 9:54	9/18/17 1:21	EPA200.8	LAH
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Client Sample ID: SP-13A

Lab ID: 17I0090-38

Collection Date: 9/1/17 6:18

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	9/15/17 9:54	9/18/17 1:24	EPA200.8	LAH
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Client Sample ID: SP-13B

Lab ID: 17I0090-39

Collection Date: 9/1/17 6:18

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	9/15/17 9:54	9/18/17 1:27	EPA200.8	LAH
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Client Sample ID: SP-10A

Lab ID: 17I0090-40

Collection Date: 9/1/17 6:22

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	9/15/17 9:54	9/18/17 1:30	EPA200.8	LAH
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Prairie Analytical Systems, Inc.

Date: 9/19/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 South Prairie Elementary

Lab Order: 17I0090

Client Sample ID: SP-10B

Lab ID: 17I0090-41

Collection Date: 9/1/17 6:22

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	9/15/17 9:54	9/18/17 1:32	EPA200.8	LAH

Client Sample ID: SP-11A

Lab ID: 17I0090-42

Collection Date: 9/1/17 6:23

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	9/15/17 9:54	9/18/17 1:35	EPA200.8	LAH

Client Sample ID: SP-11B

Lab ID: 17I0090-43

Collection Date: 9/1/17 6:23

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	9/15/17 9:54	9/18/17 1:47	EPA200.8	LAH

Client Sample ID: SP-8A

Lab ID: 17I0090-44

Collection Date: 9/1/17 6:27

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	9/15/17 9:54	9/18/17 1:56	EPA200.8	LAH

Client Sample ID: SP-8B

Lab ID: 17I0090-45

Collection Date: 9/1/17 6:27

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	9/15/17 9:54	9/18/17 1:58	EPA200.8	LAH

Client Sample ID: SP-9A

Lab ID: 17I0090-46

Collection Date: 9/1/17 6:28

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	3.28	2.00		µg/L	1	9/15/17 9:54	9/18/17 2:01	EPA200.8	LAH

Client Sample ID: SP-9B

Lab ID: 17I0090-47

Collection Date: 9/1/17 6:28

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	9/15/17 9:54	9/18/17 2:04	EPA200.8	LAH

Prairie Analytical Systems, Inc.

Date: 9/19/2017

LABORATORY RESULTS

Client:	Aires Consulting Group					Lab Order:	17I0090				
Project:	17-18300 South Prairie Elementary										
Client Sample ID:	SP-7A					Lab ID:	17I0090-48				
Collection Date:	9/1/17 6:30					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	5.66	2.00		µg/L	1	9/15/17 9:54	9/18/17 2:07	EPA200.8	LAH		
Client Sample ID:	SP-7B					Lab ID:	17I0090-49				
Collection Date:	9/1/17 6:30					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	9/15/17 9:54	9/18/17 2:10	EPA200.8	LAH		
Client Sample ID:	SP-6A					Lab ID:	17I0090-50				
Collection Date:	9/1/17 6:31					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	5.85	2.00		µg/L	1	9/15/17 9:54	9/18/17 2:13	EPA200.8	LAH		
Client Sample ID:	SP-6B					Lab ID:	17I0090-51				
Collection Date:	9/1/17 6:31					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	2.24	2.00		µg/L	1	9/15/17 9:54	9/18/17 2:24	EPA200.8	LAH		
Client Sample ID:	SP-4A					Lab ID:	17I0090-52				
Collection Date:	9/1/17 6:33					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	U	2.00		µg/L	1	9/15/17 9:54	9/18/17 2:27	EPA200.8	LAH		
Client Sample ID:	SP-4B					Lab ID:	17I0090-53				
Collection Date:	9/1/17 6:33					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	U	2.00		µg/L	1	9/15/17 9:56	9/18/17 2:36	EPA200.8	LAH		
Client Sample ID:	SP-4C					Lab ID:	17I0090-54				
Collection Date:	9/1/17 6:34					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	U	2.00		µg/L	1	9/15/17 9:56	9/18/17 2:44	EPA200.8	LAH		

Prairie Analytical Systems, Inc.

Date: 9/19/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 South Prairie Elementary

Lab Order: 17I0090

Client Sample ID: SP-4C

Lab ID: 17I0090-54

Collection Date: 9/1/17 6:34

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Client Sample ID: SP-5A

Lab ID: 17I0090-55

Collection Date: 9/1/17 6:35

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	9/15/17 9:56	9/18/17 2:47	EPA200.8	LAH
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Client Sample ID: SP-5B

Lab ID: 17I0090-56

Collection Date: 9/1/17 6:35

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	9/15/17 9:56	9/18/17 2:50	EPA200.8	LAH
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Client Sample ID: SP-3A

Lab ID: 17I0090-57

Collection Date: 9/1/17 6:36

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	9/15/17 9:56	9/18/17 3:04	EPA200.8	LAH
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Client Sample ID: SP-3B

Lab ID: 17I0090-58

Collection Date: 9/1/17 6:36

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	9/15/17 9:56	9/18/17 3:07	EPA200.8	LAH
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Client Sample ID: SP-3b-A

Lab ID: 17I0090-59

Collection Date: 9/1/17 6:37

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	9/15/17 9:56	9/18/17 3:10	EPA200.8	LAH
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Client Sample ID: SP-3b-B

Lab ID: 17I0090-60

Collection Date: 9/1/17 6:37

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	9/15/17 9:56	9/18/17 3:13	EPA200.8	LAH
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Prairie Analytical Systems, Inc.

Date: 9/19/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 South Prairie Elementary

Lab Order: 17I0090

Client Sample ID: SP-2A

Lab ID: 17I0090-61

Collection Date: 9/1/17 6:39

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	3.37	2.00		µg/L	1	9/15/17 9:56	9/18/17 3:16	EPA200.8	LAH

Client Sample ID: SP-2B

Lab ID: 17I0090-62

Collection Date: 9/1/17 6:39

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	9/15/17 9:56	9/18/17 3:19	EPA200.8	LAH

Client Sample ID: SP-1A

Lab ID: 17I0090-63

Collection Date: 9/1/17 6:40

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	2.61	2.00		µg/L	1	9/15/17 9:56	9/18/17 3:22	EPA200.8	LAH

Client Sample ID: SP-1B

Lab ID: 17I0090-64

Collection Date: 9/1/17 6:40

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	9/15/17 9:56	9/18/17 3:30	EPA200.8	LAH

Client Sample ID: SP-1F

Lab ID: 17I0090-65

Collection Date: 9/1/17 6:55

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	9/15/17 9:56	9/18/17 3:42	EPA200.8	LAH

Conventional Chemistry Parameters

pH	7.73	0.0100		pH Units	1	9/1/17 6:55	9/1/17 6:55	EPA150.1	
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Prairie Analytical Systems, Inc.

Date: 9/19/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 South Prairie Elementary

Lab Order: 17I0090

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 A005613 - EPA 200.8 Metals

Blank (A005613-BLK1)

Prepared & Analyzed: 09/15/201

Lead	U	2.00	µg/L
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LCS (A005613-BS1)

Prepared & Analyzed: 09/15/201

Lead	484	2.00	µg/L	500.00	97	85-115
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Matrix Spike (A005613-MS1)

Source: 17H0750-07

Prepared & Analyzed: 09/15/201

Lead	485	2.00	µg/L	500.00	1.33	97	75-125
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Matrix Spike (A005613-MS2)

Source: 17I0090-03

Prepared & Analyzed: 09/15/201

Lead	478	2.00	µg/L	500.00	0.378	96	75-125
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Matrix Spike Dup (A005613-MSD1)

Source: 17H0750-07

Prepared & Analyzed: 09/15/201

Lead	478	2.00	µg/L	500.00	1.33	95	75-125	1	20
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Matrix Spike Dup (A005613-MSD2)

Source: 17I0090-03

Prepared & Analyzed: 09/15/201

Lead	470	2.00	µg/L	500.00	0.378	94	75-125	2	20
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Batch A005614 - EPA 200.8 Metals

Blank (A005614-BLK1)

Prepared: 09/15/201 Analyzed: 09/17/201

Lead	U	2.00	µg/L
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Matrix Spike (A005614-MS1)

Source: 17I0090-13

Prepared: 09/15/201 Analyzed: 09/17/201

Lead	457	2.00	µg/L	500.00	20.3	87	75-125
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Matrix Spike (A005614-MS2)

Source: 17I0090-23

Prepared: 09/15/201 Analyzed: 09/18/201

Lead	450	2.00	µg/L	500.00	ND	90	75-125
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Prairie Analytical Systems, Inc.

Date: 9/19/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 South Prairie Elementary

Lab Order: 17I0090

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 A005614 - EPA 200.8 Metals

Matrix Spike Dup (A005614-MSD1)

Source: 17I0090-13

Prepared: 09/15/201 Analyzed: 09/17/201

Lead	456	2.00	µg/L	500.00	20.3	87	75-125	0.1	20	
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Matrix Spike Dup (A005614-MSD2)

Source: 17I0090-23

Prepared: 09/15/201 Analyzed: 09/18/201

Lead	448	2.00	µg/L	500.00	ND	90	75-125	0.3	20	
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Batch A005615 - EPA 200.8 Metals

Blank (A005615-BLK1)

Prepared: 09/15/201 Analyzed: 09/18/201

Lead	U	2.00	µg/L							
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LCS (A005615-BS1)

Prepared: 09/15/201 Analyzed: 09/18/201

Lead	463	2.00	µg/L	500.00		93	85-115			
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Matrix Spike (A005615-MS1)

Source: 17I0090-33

Prepared: 09/15/201 Analyzed: 09/18/201

Lead	444	2.00	µg/L	500.00	0.560	89	75-125			
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Matrix Spike (A005615-MS2)

Source: 17I0090-43

Prepared: 09/15/201 Analyzed: 09/18/201

Lead	439	2.00	µg/L	500.00	1.95	87	75-125			
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Matrix Spike Dup (A005615-MSD1)

Source: 17I0090-33

Prepared: 09/15/201 Analyzed: 09/18/201

Lead	444	2.00	µg/L	500.00	0.560	89	75-125	0.06	20	
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Matrix Spike Dup (A005615-MSD2)

Source: 17I0090-43

Prepared: 09/15/201 Analyzed: 09/18/201

Lead	438	2.00	µg/L	500.00	1.95	87	75-125	0.2	20	
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Batch A005616 - EPA 200.8 Metals

Blank (A005616-BLK1)

Prepared: 09/15/201 Analyzed: 09/18/201

Lead	U	2.00	µg/L							
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Prairie Analytical Systems, Inc.

Date: 9/19/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18300 South Prairie Elementary

Lab Order: 17I0090

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 A005616 - EPA 200.8 Metals

LCS (A005616-BS1)

Prepared: 09/15/201 Analyzed: 09/18/201

Lead	458	2.00	µg/L	500.00		92	85-115			
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Matrix Spike (A005616-MS1)

Source: 17I0090-53

Prepared: 09/15/201 Analyzed: 09/18/201

Lead	444	2.00	µg/L	500.00	0.0503	89	75-125			
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Matrix Spike (A005616-MS2)

Source: 17I0090-63

Prepared: 09/15/201 Analyzed: 09/18/201

Lead	436	2.00	µg/L	500.00	2.61	87	75-125			
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Matrix Spike Dup (A005616-MSD1)

Source: 17I0090-53

Prepared: 09/15/201 Analyzed: 09/18/201

Lead	439	2.00	µg/L	500.00	0.0503	88	75-125	1	20	
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Matrix Spike Dup (A005616-MSD2)

Source: 17I0090-63

Prepared: 09/15/201 Analyzed: 09/18/201

Lead	442	2.00	µg/L	500.00	2.61	88	75-125	1	20	
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Prairie Analytical Systems, Inc.**Date:** 9/19/2017

LABORATORY RESULTS

Client: Aires Consulting Group**Project:** 17-18300 South Prairie Elementary**Lab Order:** 17I0090

Notes and Definitions

* NELAC certified compound.

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

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Client		Aires Consulting - Gallagher Bassett				
Address		1550 Hubbard Ave				
City, State, Zip Code		Batavia, IL 60510				
Phone / Facsimile		630.879.3006				
Project Name / Number		17-18300				
Project Location		South Prairie Elementary				
P.O. # or Invoice To		17-18300				
Contact Person		Geoff Bacu				
Sample Description	Date	Sampling Time	Matrix Code	Preserv Code	No. of Containers	Sample Type
						Comp Grab
See attached Addendum (4 pages) for sample information (10 15 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		
Preservative Code	0 - None		1 - HCl	2 - H2SO4		
Felinquished By			Date	Time		
D. D. Barger			9/1/17	9:30		
D. D. Barger			9/5/17	12:50pm		
D. D. Barger			9/5/17	4:50		
D. D. Barger			9/5/17	1:00		
Instructions						
Appendix						
Date Required:			Turnaround Time: Standard	Rush	QC Level	On wet ice?
					2 3 4	Yes No
						Temperature (°C)
						19.9

Page 1 of 5 9-6-17 11:05

Revision 8
July 31, 2017

16019427026007

ISBE ID:

Building ID:

Building Description: South Prairie Elementary

Sample Collection Date: 9/1/2017

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
5:45 AM	SP-28A	Cafeteria North	WF - Water Cooler	8/31/2017	6:00 PM	First Draw	250	
5:45 AM	SP-28B	Cafeteria North	WF - Water Cooler	8/31/2017	6:00 PM	Flush	250	
5:46 AM	SP-29A	Cafeteria North	WF - Water Cooler	8/31/2017	6:00 PM	First Draw	250	
5:46 AM	SP-29B	Cafeteria North	WF - Water Cooler	8/31/2017	6:00 PM	Flush	250	
5:48 AM	SP-24A	Kitchen	KS - Kitchen Sink	8/31/2017	6:00 PM	First Draw	250	
5:48 AM	SP-24B	Kitchen	KS - Kitchen Sink	8/31/2017	6:00 PM	Flush	250	
5:49 AM	SP-25A	Kitchen	KS - Kitchen Sink	8/31/2017	6:00 PM	First Draw	250	
5:49 AM	SP-25B	Kitchen	KS - Kitchen Sink	8/31/2017	6:00 PM	Flush	250	
5:51 AM	SP-25b-A	Kitchen	KS - Kitchen Sink	8/31/2017	6:00 PM	First Draw	250	
5:51 AM	SP-25b-B	Kitchen	KS - Kitchen Sink	8/31/2017	6:00 PM	Flush	250	
5:53 AM	SP-26A	Cafeteria South	WF - Water Cooler	N/A	N/A	First Draw	250	
5:53 AM	SP-26B	Cafeteria South	WF - Water Cooler	N/A	N/A	Flush	250	
5:54 AM	SP-27A	Cafeteria South	WF - Water Cooler	N/A	N/A	First Draw	250	
5:54 AM	SP-27B	Cafeteria South	WF - Water Cooler	N/A	N/A	Flush	250	
6:00 AM	SP-20A	Art room	S - Sink	8/31/2017	6:00 PM	First Draw	250	
6:00 AM	SP-20B	Art room	S - Sink	8/31/2017	6:00 PM	Flush	250	
6:01 AM	SP-21A	Art room	S - Sink	8/31/2017	6:00 PM	First Draw	250	
6:01 AM	SP-21B	Art room	S - Sink	8/31/2017	6:00 PM	Flush	250	
6:02 AM	SP-22A	Art room	S - Sink	8/31/2017	6:00 PM	First Draw	250	
6:02 AM	SP-22B	Art room	S - Sink	8/31/2017	6:00 PM	Flush	250	
6:03 AM	SP-23A	Art room	S - Sink	8/31/2017	6:00 PM	First Draw	250	

Appendix II

16019427026007

ISBE ID:

Building ID:

Building Description:

Sample Collection Date:

Collected by:

South Prairie Elementary

9/1/2017

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
6:03 AM	SP-23B	Art room	S - Sink	8/31/2017	6:00 PM	Flush	250	
6:05 AM	SP-19A	300 Hall	WF - Water Cooler	8/31/2017	6:00 PM	First Draw	250	
6:05 AM	SP-19B	300 Hall	WF - Water Cooler	8/31/2017	6:00 PM	Flush	250	
6:06 AM	SP-18A	300 Hall	WF - Water Cooler	8/31/2017	6:00 PM	First Draw	250	
6:06 AM	SP-18B	300 Hall	WF - Water Cooler	8/31/2017	6:00 PM	Flush	250	
6:06 AM	SP-18C	300 Hall	O - Other	8/31/2017	6:00 PM	First Draw	250	bottle fill
6:08 AM	SP-16A	200 hall	WF - Water Cooler	8/31/2017	6:00 PM	First Draw	250	
6:08 AM	SP-16B	200 hall	WF - Water Cooler	8/31/2017	6:00 PM	Flush	250	
6:09 AM	SP-17A	200 hall	WF - Water Cooler	8/31/2017	6:00 PM	First Draw	250	
6:09 AM	SP-17B	200 hall	WF - Water Cooler	8/31/2017	6:00 PM	Flush	250	
6:14 AM	SP-14A	Room 202	S - Sink	8/31/2017	6:00 PM	First Draw	250	
6:14 AM	SP-14B	Room 202	S - Sink	8/31/2017	6:00 PM	Flush	250	
6:15 AM	SP-15A	Room 202 bathroom	S - Sink	8/31/2017	6:00 PM	First Draw	250	
6:15 AM	SP-15B	Room 202 bathroom	S - Sink	8/31/2017	6:00 PM	Flush	250	
6:17 AM	SP-12A	Room 200	S - Sink	8/31/2017	6:00 PM	First Draw	250	
6:17 AM	SP-12B	Room 200	S - Sink	8/31/2017	6:00 PM	Flush	250	
6:18 AM	SP-13A	Room 200 bathroom	S - Sink	8/31/2017	6:00 PM	First Draw	250	
6:18 AM	SP-13B	Room 200 bathroom	S - Sink	8/31/2017	6:00 PM	Flush	250	
6:22 AM	SP-10A	Room 106	S - Sink	8/31/2017	6:00 PM	First Draw	250	
6:22 AM	SP-10B	Room 106	S - Sink	8/31/2017	6:00 PM	Flush	250	
6:23 AM	SP-11A	Room 106 bathroom	S - Sink	8/31/2017	6:00 PM	First Draw	250	

Appendix II

16019427026007

ISBE ID:

Building ID:

Building Description: South Prairie Elementary

Sample Collection Date: 9/1/2017

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
6:23 AM	SP-11B	Room 106 bathroom	S - Sink	8/31/2017	6:00 PM	Flush	250	
6:27 AM	SP-8A	Room 104	S - Sink	8/31/2017	6:00 PM	First Draw	250	
6:27 AM	SP-8B	Room 104	S - Sink	8/31/2017	6:00 PM	Flush	250	
6:28 AM	SP-9A	Room 104 bathroom	S - Sink	8/31/2017	6:00 PM	First Draw	250	
6:28 AM	SP-9B	Room 104 bathroom	S - Sink	8/31/2017	6:00 PM	Flush	250	
6:30 AM	SP-7A	Room 102	S - Sink	8/31/2017	6:00 PM	First Draw	250	
6:30 AM	SP-7B	Room 102	S - Sink	8/31/2017	6:00 PM	Flush	250	
6:31 AM	SP-6A	Room 102 bathroom	S - Sink	8/31/2017	6:00 PM	First Draw	250	
6:31 AM	SP-6B	Room 102 bathroom	S - Sink	8/31/2017	6:00 PM	Flush	250	
6:33 AM	SP-4A	100 Hall	WF - Water Cooler	8/31/2017	6:00 PM	First Draw	250	
6:33 AM	SP-4B	100 Hall	WF - Water Cooler	8/31/2017	6:00 PM	Flush	250	
6:34 AM	SP-4C	100 Hall	O - Other	8/31/2017	6:00 PM	First Draw	250	
6:35 AM	SP-5A	100 Hall	WF - Water Cooler	8/31/2017	6:00 PM	First Draw	250	
6:35 AM	SP-5B	100 Hall	WF - Water Cooler	8/31/2017	6:00 PM	Flush	250	
6:36 AM	SP-3A	Lounge	S - Sink	8/31/2017	6:00 PM	First Draw	250	
6:36 AM	SP-3B	Lounge	S - Sink	8/31/2017	6:00 PM	Flush	250	
6:37 AM	SP-3b-A	Lounge	O - Other	8/31/2017	6:00 PM	First Draw	250	water dispenser
6:37 AM	SP-3b-B	Lounge	O - Other	8/31/2017	6:00 PM	Flush	250	water dispenser
6:39 AM	SP-2A	Nurse's office	S - Sink	8/31/2017	6:00 PM	First Draw	250	
6:39 AM	SP-2B	Nurse's office	S - Sink	8/31/2017	6:00 PM	Flush	250	
6:40 AM	SP-1A	Nurse's office bathroom	S - Sink	8/31/2017	6:00 PM	First Draw	250	

Appendix II



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: Sycamore SD/ South Prairie Elementary

PAS WO: 17J0017

Prairie Analytical Systems, Inc. received 4 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:	Sycamore SD/ South Prairie Elementary										
Client Sample ID:	SP-26A										
Collection Date:	9/28/17 7:14										
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 8:06	10/6/17 11:11	EPA200.8	LAH		
Client Sample ID:	SP-26B										
Collection Date:	9/28/17 7:14										
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 8:06	10/6/17 11:22	EPA200.8	LAH		
Client Sample ID:	SP-27A										
Collection Date:	9/28/17 7:15										
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	4.32	2.00		µg/L	1	10/6/17 8:06	10/6/17 11:34	EPA200.8	LAH		
Client Sample ID:	SP-27B										
Collection Date:	9/28/17 7:15										
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	2.02	2.00		µg/L	1	10/6/17 8:06	10/6/17 11:37	EPA200.8	LAH		

Prairie Analytical Systems, Inc.

Date: 10/10/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: Sycamore SD/ South Prairie Elementary

Lab Order: 17J0017

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 A006201 - EPA 200.8 Metals

Blank (A006201-BLK1)

Prepared & Analyzed: 10/06/201

Lead	U	2.00	µg/L
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LCS (A006201-BS1)

Prepared & Analyzed: 10/06/201

Lead	442	2.00	µg/L	500.00	88	85-115
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Matrix Spike (A006201-MS1)

Source: 17J0015-01

Prepared & Analyzed: 10/06/201

Lead	469	2.00	µg/L	500.00	1.32	94	75-125
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Matrix Spike (A006201-MS2)

Source: 17J0017-01

Prepared & Analyzed: 10/06/201

Lead	508	2.00	µg/L	500.00	1.19	101	75-125
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Matrix Spike Dup (A006201-MSD1)

Source: 17J0015-01

Prepared & Analyzed: 10/06/201

Lead	455	2.00	µg/L	500.00	1.32	91	75-125	3	20
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Matrix Spike Dup (A006201-MSD2)

Source: 17J0017-01

Prepared & Analyzed: 10/06/201

Lead	476	2.00	µg/L	500.00	1.19	95	75-125	7	20
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Prairie Analytical Systems, Inc.**Date:** 10/10/2017

LABORATORY RESULTS

Client: Aires Consulting Group**Project:** Sycamore SD/ South Prairie Elementary**Lab Order:** 17J0017

Notes and Definitions

* NELAC certified compound.

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

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[illegible]

Collected by:

Dan Petras

[illegible]