
WATER QUALITY TESTING

FOR

***ELMWOOD PARK COMMUNITY UNIT SCHOOL
DISTRICT 401
JOHN MILLS ELEMENTARY***

ELMWOOD PARK, ILLINOIS

AUGUST 26, 2017

PROJECT NUMBER: 17-18289

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INTRODUCTION

Elmwood Park School District 401 implemented a proactive program of water testing at John Mills Elementary. Water sampling was conducted by Daniel Petras and Kathryn Hermann of Aires Consulting on August 26, 2017. Mr. Geoffrey J. Bacci II, P.E. designed the study and developed this report.

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

RESULTS

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

All results were less than 5 parts per billion (ppb). Results for all samples were non-detectable (< 2 ppb).

Results should at minimum be posted on the District's website within 7 days. The sample results should be e-mailed to IDPH within 7 days.

PROFESSIONAL CERTIFICATION

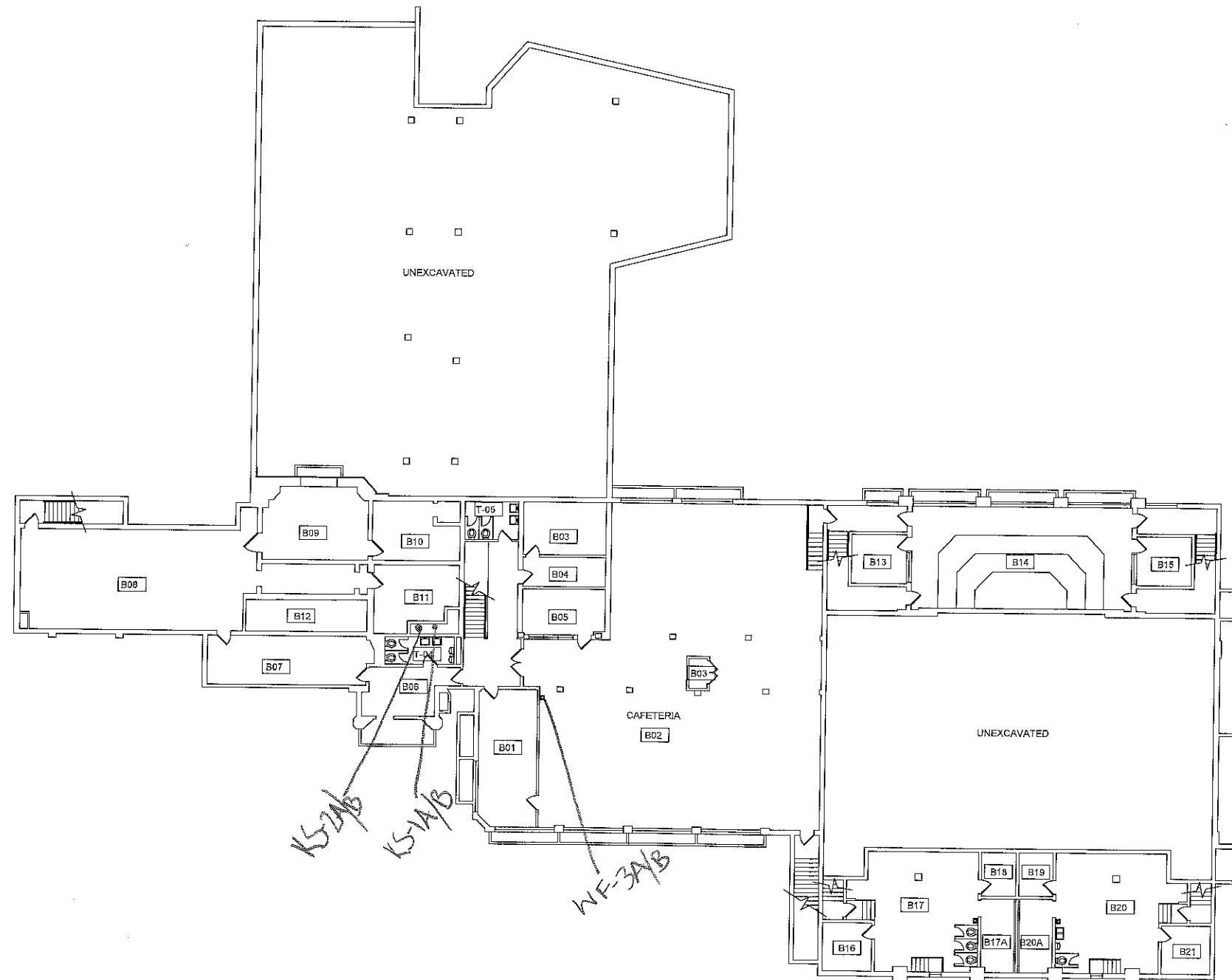
Aires Consulting, a division of Gallagher Bassett Services, Inc. conducted this study in the interest of **Elmwood Park School District 401** to assist in meeting environmental obligations and regulations. In this respect, we hope the results of this study are useful. *This study was not intended to 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,

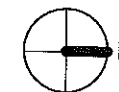


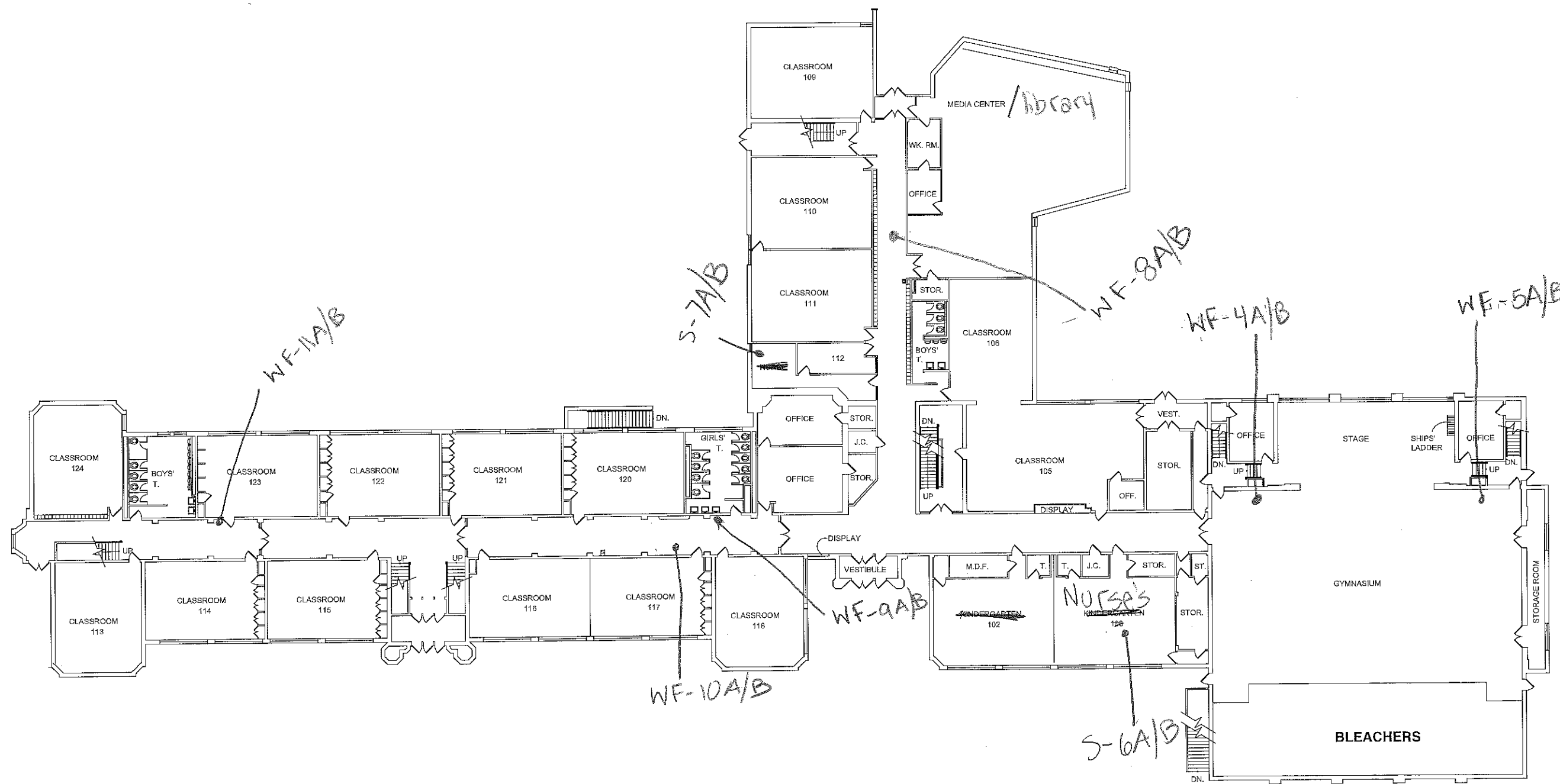
Geoffrey J. Bacci, II, PE
Director Operations

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
60164010262004			08/26/2017	08:09 AM	Dan Petras	JKS-1A	W. Sink In Kitchen	KS - Kitchen Sink	08/25/2017	04:00 PM	First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:10 AM	Dan Petras	JKS-1B	W. Sink In Kitchen	KS - Kitchen Sink	08/25/2017	04:00 PM	Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:11 AM	Dan Petras	JKS-2A	E. Sink In Kitchen	KS - Kitchen Sink	08/25/2017	04:00 PM	First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:12 AM	Dan Petras	JKS-2B	E. Sink In Kitchen	KS - Kitchen Sink	08/25/2017	04:00 PM	Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:12 AM	Dan Petras	JWF-3A	Cafeteria	DF - Drinking Fountain	08/25/2017	04:00 PM	First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:14 AM	Dan Petras	JWF-3B	Cafeteria	DF - Drinking Fountain	08/25/2017	04:00 PM	Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:18 AM	Dan Petras	JWF-4A	S. Side Of Gym	DF - Drinking Fountain	08/25/2017	04:00 PM	First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:19 AM	Dan Petras	JWF-4B	S. Side Of Gym	DF - Drinking Fountain	08/25/2017	04:00 PM	Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:20 AM	Dan Petras	JWF-5A	N. Side Of Gym	DF - Drinking Fountain	08/25/2017	04:00 PM	First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:21 AM	Dan Petras	JWF-5B	N. Side Of Gym	DF - Drinking Fountain	08/25/2017	04:00 PM	Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:22 AM	Dan Petras	JS-6A	Nurse's Office	S - Sink	08/25/2017	04:00 PM	First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:23 AM	Dan Petras	JS-6B	Nurse's Office	S - Sink	08/25/2017	04:00 PM	Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:27 AM	Dan Petras	JS-7A	Room 112	S - Sink	08/25/2017	04:00 PM	First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:28 AM	Dan Petras	JS-7B	Room 112	S - Sink	08/25/2017	04:00 PM	Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:31 AM	Dan Petras	JWF-8A	Outside Of Library	DF - Drinking Fountain	08/25/2017	04:00 PM	First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:32 AM	Dan Petras	JWF-8B	Outside Of Library	DF - Drinking Fountain	08/25/2017	04:00 PM	Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:34 AM	Dan Petras	JWF-9A	Across From Room 117	DF - Drinking Fountain	08/25/2017	04:00 PM	First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:35 AM	Dan Petras	JWF-9B	Across From Room 117	DF - Drinking Fountain	08/25/2017	04:00 PM	Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:36 AM	Dan Petras	JWF-10A	Outside Room 117	DF - Drinking Fountain	08/25/2017	04:00 PM	First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:37 AM	Dan Petras	JWF-10B	Outside Room 117	DF - Drinking Fountain	08/25/2017	04:00 PM	Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:38 AM	Dan Petras	JWF-11A	Outside Room 123	DF - Drinking Fountain	08/25/2017	04:00 PM	First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:39 AM	Dan Petras	JWF-11B	Outside Room 123	DF - Drinking Fountain	08/25/2017	04:00 PM	Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:45 AM	Dan Petras	JWF-12A	Across From Room 201	DF - Drinking Fountain	08/25/2017	04:00 PM	First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:46 AM	Dan Petras	JWF-12B	Across From Room 201	DF - Drinking Fountain	08/25/2017	04:00 PM	Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:47 AM	Dan Petras	JWF-13A	Outside Room 207	DF - Drinking Fountain	08/25/2017	04:00 PM	First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:48 AM	Dan Petras	JWF-13B	Outside Room 207	DF - Drinking Fountain	08/25/2017	04:00 PM	Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:50 AM	Dan Petras	JWF-14A	Across From Room 217	DF - Drinking Fountain	08/25/2017	04:00 PM	First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:51 AM	Dan Petras	JWF-14B	Across From Room 217	DF - Drinking Fountain	08/25/2017	04:00 PM	Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:52 AM	Dan Petras	JWF-15A	Outside Room 223	DF - Drinking Fountain	08/25/2017	04:00 PM	First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	08:53 AM	Dan Petras	JWF-15B	Outside Room 223	DF - Drinking Fountain	08/25/2017	04:00 PM	Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
60164010262004			08/26/2017	09:05 AM	Dan Petras	JIF-16	Basement	O - Other	08/25/2017	04:00 PM	First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	

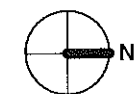


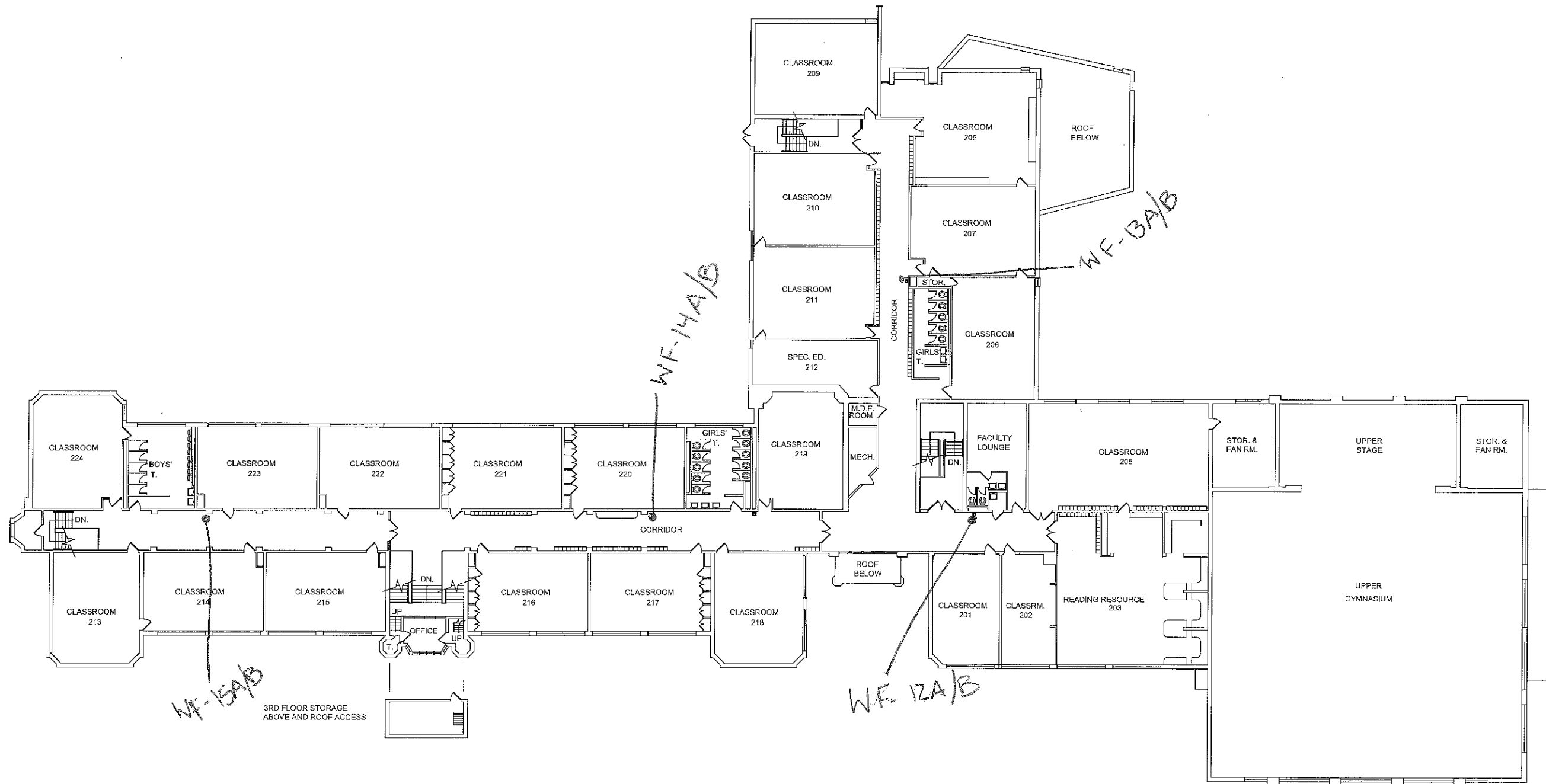
**JOHN MILLS ELEMENTARY SCHOOL
BASEMENT PLAN**





**JOHN MILLS ELEMENTARY SCHOOL
FIRST FLOOR PLAN**





JOHN MILLS ELEMENTARY SCHOOL
SECOND FLOOR PLAN





Thursday, September 14, 2017

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

RE: 17-18289 Elmwood Park School District

PAS WO: 17H0723

Prairie Analytical Systems, Inc. received 31 sample(s) on 8/28/2017 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: 9/14/2017

LABORATORY RESULTS

Client: Aires Consulting Group
Project: 17-18289 Elmwood Park School District
Client Sample ID: JKS-1A
Collection Date: 8/26/17 8:09

Lab Order: 17H0723
Lab ID: 17H0723-01
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	9/11/17 11:16	9/11/17 18:50	EPA200.8	KSH

Client Sample ID: JKS-1B
Collection Date: 8/26/17 8:10

Lab ID: 17H0723-02
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	9/11/17 11:16	9/11/17 18:50	EPA200.8	KSH

Client Sample ID: JKS-2A
Collection Date: 8/26/17 8:11

Lab ID: 17H0723-03
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	9/11/17 11:16	9/11/17 18:50	EPA200.8	KSH

Client Sample ID: JKS-2B
Collection Date: 8/26/17 8:12

Lab ID: 17H0723-04
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	9/11/17 11:16	9/11/17 18:50	EPA200.8	KSH

Client Sample ID: JWF-3A
Collection Date: 8/26/17 8:12

Lab ID: 17H0723-05
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	9/11/17 11:16	9/11/17 18:50	EPA200.8	KSH

Client Sample ID: JWF-3B
Collection Date: 8/26/17 8:14

Lab ID: 17H0723-06
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	9/11/17 11:16	9/11/17 18:50	EPA200.8	KSH

Client Sample ID: JWF-4A
Collection Date: 8/26/17 8:18

Lab ID: 17H0723-07
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	9/11/17 11:16	9/11/17 18:50	EPA200.8	KSH

Prairie Analytical Systems, Inc.

Date: 9/14/2017

LABORATORY RESULTS

Client:	Aires Consulting Group					Lab Order:	17H0723				
Project:	17-18289 Elmwood Park School District										
Client Sample ID:	JWF-4B					Lab ID:	17H0723-08				
Collection Date:	8/26/17 8:19					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	U	2.00		µg/L	1	9/11/17 11:16	9/11/17 18:50	EPA200.8	KSH		
Client Sample ID:	JWF-5A					Lab ID:	17H0723-09				
Collection Date:	8/26/17 8:20					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	U	2.00		µg/L	1	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH		
Client Sample ID:	JWF-5B					Lab ID:	17H0723-10				
Collection Date:	8/26/17 8:21					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	U	2.00		µg/L	1	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH		
Client Sample ID:	JS-6A					Lab ID:	17H0723-11				
Collection Date:	8/26/17 8:22					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	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH		
Client Sample ID:	JS-6B					Lab ID:	17H0723-12				
Collection Date:	8/26/17 8:23					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	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH		
Client Sample ID:	JS-7A					Lab ID:	17H0723-13				
Collection Date:	8/26/17 8:27					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	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH		
Client Sample ID:	JS-7B					Lab ID:	17H0723-14				
Collection Date:	8/26/17 8:28					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	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH		

Prairie Analytical Systems, Inc.

Date: 9/14/2017

LABORATORY RESULTS

Client: Aires Consulting Group
Project: 17-18289 Elmwood Park School District
Client Sample ID: JS-7B
Collection Date: 8/26/17 8:28

Lab Order: 17H0723
Lab ID: 17H0723-14
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Client Sample ID: JWF-8A
Collection Date: 8/26/17 8:31

Lab ID: 17H0723-15
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	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH
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Client Sample ID: JWF-8B
Collection Date: 8/26/17 8:32

Lab ID: 17H0723-16
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	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH
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Client Sample ID: JWF-9A
Collection Date: 8/26/17 8:34

Lab ID: 17H0723-17
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	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH
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Client Sample ID: JWF-9B
Collection Date: 8/26/17 8:35

Lab ID: 17H0723-18
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	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH
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Client Sample ID: JWF-10A
Collection Date: 8/26/17 8:36

Lab ID: 17H0723-19
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	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH
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Client Sample ID: JWF-10B
Collection Date: 8/26/17 8:37

Lab ID: 17H0723-20
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	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH
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Prairie Analytical Systems, Inc.

Date: 9/14/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18289 Elmwood Park School District

Lab Order: 17H0723

Client Sample ID: JWF-11A

Lab ID: 17H0723-21

Collection Date: 8/26/17 8:38

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	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH

Client Sample ID: JWF-11B

Lab ID: 17H0723-22

Collection Date: 8/26/17 8:39

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	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH

Client Sample ID: JWF-12A

Lab ID: 17H0723-23

Collection Date: 8/26/17 8:45

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	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH

Client Sample ID: JWF-12B

Lab ID: 17H0723-24

Collection Date: 8/26/17 8:46

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	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH

Client Sample ID: JWF-13A

Lab ID: 17H0723-25

Collection Date: 8/26/17 8:47

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	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH

Client Sample ID: JWF-13B

Lab ID: 17H0723-26

Collection Date: 8/26/17 8:48

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	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH

Client Sample ID: JWF-14A

Lab ID: 17H0723-27

Collection Date: 8/26/17 8:50

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	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH

Prairie Analytical Systems, Inc.

Date: 9/14/2017

LABORATORY RESULTS

Client:	Aires Consulting Group					Lab Order:	17H0723				
Project:	17-18289 Elmwood Park School District										
Client Sample ID:	JWF-14B					Lab ID:	17H0723-28				
Collection Date:	8/26/17 8:51					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	9/11/17 11:16	9/11/17 20:08	EPA200.8	KSH		
Client Sample ID:	JWF-15A					Lab ID:	17H0723-29				
Collection Date:	8/26/17 8:52					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	9/11/17 11:16	9/11/17 22:03	EPA200.8	KSH		
Client Sample ID:	JWF-15B					Lab ID:	17H0723-30				
Collection Date:	8/26/17 8:53					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	9/11/17 11:16	9/11/17 22:03	EPA200.8	KSH		
Client Sample ID:	JIF-16					Lab ID:	17H0723-31				
Collection Date:	8/26/17 9:05					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	U	2.00		µg/L	1	9/11/17 11:16	9/11/17 22:03	EPA200.8	KSH		
Conventional Chemistry Parameters											
pH	8.12	0.0100		pH Units	1	8/26/17 9:05	8/26/17 9:05	EPA150.1			

Prairie Analytical Systems, Inc.

Date: 9/14/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18289 Elmwood Park School District

Lab Order: 17H0723

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 A005470 - EPA 200.8 Metals

Blank (A005470-BLK1)

Prepared & Analyzed: 09/11/201

Lead	U	2.00	µg/L
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LCS (A005470-BS1)

Prepared & Analyzed: 09/11/201

Lead	489	2.00	µg/L	500.00	98	85-115
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Matrix Spike (A005470-MS1)

Source: 17H0722-18

Prepared & Analyzed: 09/11/201

Lead	527	2.00	µg/L	500.00	0.220	105	75-125
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Matrix Spike (A005470-MS2)

Source: 17H0722-28

Prepared & Analyzed: 09/11/201

Lead	487	2.00	µg/L	500.00	0.150	97	75-125
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Matrix Spike Dup (A005470-MSD1)

Source: 17H0722-18

Prepared & Analyzed: 09/11/201

Lead	537	2.00	µg/L	500.00	0.220	107	75-125	2	20
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Matrix Spike Dup (A005470-MSD2)

Source: 17H0722-28

Prepared & Analyzed: 09/11/201

Lead	493	2.00	µg/L	500.00	0.150	99	75-125	1	20
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Batch A005472 - EPA 200.8 Metals

Blank (A005472-BLK1)

Prepared & Analyzed: 09/11/201

Lead	U	2.00	µg/L
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LCS (A005472-BS1)

Prepared & Analyzed: 09/11/201

Lead	502	2.00	µg/L	500.00	100	85-115
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Matrix Spike (A005472-MS1)

Source: 17H0723-09

Prepared & Analyzed: 09/11/201

Lead	503	2.00	µg/L	500.00	0.380	100	75-125
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Prairie Analytical Systems, Inc.

Date: 9/14/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18289 Elmwood Park School District

Lab Order: 17H0723

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 A005472 - EPA 200.8 Metals

Matrix Spike (A005472-MS2)		Source: 17H0723-19		Prepared & Analyzed: 09/11/201						
Lead	496	2.00	µg/L	500.00	0.0800	99	75-125			
Matrix Spike Dup (A005472-MSD1)		Source: 17H0723-09		Prepared & Analyzed: 09/11/201						
Lead	497	2.00	µg/L	500.00	0.380	99	75-125	1	20	
Matrix Spike Dup (A005472-MSD2)		Source: 17H0723-19		Prepared & Analyzed: 09/11/201						
Lead	502	2.00	µg/L	500.00	0.0800	100	75-125	1	20	

Batch A005475 - EPA 200.8 Metals

Blank (A005475-BLK1)		Prepared & Analyzed: 09/11/201								
Lead	U	2.00	µg/L							
LCS (A005475-BS1)		Prepared & Analyzed: 09/11/201								
Lead	521	2.00	µg/L	500.00		104	85-115			
Matrix Spike (A005475-MS1)		Source: 17H0723-29		Prepared & Analyzed: 09/11/201						
Lead	501	2.00	µg/L	500.00	0.140	100	75-125			
Matrix Spike (A005475-MS2)		Source: 17H0724-08		Prepared & Analyzed: 09/11/201						
Lead	495	2.00	µg/L	500.00	1.08	99	75-125			
Matrix Spike Dup (A005475-MSD1)		Source: 17H0723-29		Prepared & Analyzed: 09/11/201						
Lead	505	2.00	µg/L	500.00	0.140	101	75-125	0.8	20	
Matrix Spike Dup (A005475-MSD2)		Source: 17H0724-08		Prepared & Analyzed: 09/11/201						
Lead	496	2.00	µg/L	500.00	1.08	99	75-125	0.3	20	

Prairie Analytical Systems, Inc.**Date:** 9/14/2017

LABORATORY RESULTS

Client: Aires Consulting Group**Project:** 17-18289 Elmwood Park School District**Lab Order:** 17H0723

Notes and Definitions

* NELAC certified compound.

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

Chain of Custody Record

Central IL - 1210 Capital Airport Drive - Springfield, IL 62707-8490 - Phone (217) 753-1148 - Facsimile (217) 753-1152
 Chicago IL Office - 9114 Virginia Rd., Ste 112 - Lake in the Hills, IL 60156 - Phone (847) 651-2604 - Facsimile (847) 458-9680
 Central / Southern IL Contact - Phone (217) 414-7762 - Facsimile (217) 753-1152



Client		Aires Consulting - Gallagher Bassett				Analysis and/or Method Requested				Reporting			
Address		1550 Hubbard Ave				Lead in Drinking Water - IL				☐ CCDD ☐ Residential ☐ Industrial / Commercial ☐ A ☐ D ☐ B ☐ E ☐ C ☐ F ☐ Residential ☐ Industrial			
City, State, Zip Code		Batavia, IL 60510											
Phone / Facsimile		630.879.3006											
Project Name / Number		17-18289											
Project Location		Elmwood Park School District											
P.O. # or Invoice To		17-18289								☐ RISC ☐ Industrial			
Contact Person		Geoff Baccii II								Sampler Comments			
Sample Description		Sampling Date		Sampling Time		Matrix Code		Preserv Code		No. of Containers		Sample Type	
										31		Grab	
												X	
See attached Addendum (2 pages) for sample information (31 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	
Preservative Code		0 - None		1 - HCl		2 - H2SO4		3 - HNO3		4 - NaOH		5 - 5035 Kit	
Requisitioned By		Date		Time		Date		Time		Date		Time	
D. P. Pato		8/28/17		10:27		8/28/17		10:27		8/28/17		10:27	
B. Berger		8/28/17		10:35		8/28/17		10:35		8/28/17		10:35	
C. O. O. M.		8/28/17		17:00		8/28/17		17:00		8/28/17		17:00	
Date Required: Turnaround Time: Standard ☐ Rush ☐ On wet ice? ☐ Yes ☒ No QC Level ☐ 1 ☐ 2 ☐ 3 ☐ 4 Temperature (°C) 15.1 Method of Shipment UPS													

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

Revision 8
 July 31, 2017

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ISBE ID:

Building ID:

Building Description: John Mills Elementary School

Sample Collection Date: 8/26/2017

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
8:09 AM	JKS-1A	W. Sink in Kitchen	KS - Kitchen Sink	8/25/2017	4:00 PM	First Draw	250	
8:10 AM	JKS-1B	W. Sink in Kitchen	KS - Kitchen Sink	8/25/2017	4:00 PM	Flush	250	
8:11 AM	JKS-2A	E. Sink in Kitchen	KS - Kitchen Sink	8/25/2017	4:00 PM	First Draw	250	
8:12 AM	JKS-2B	E. Sink in Kitchen	KS - Kitchen Sink	8/25/2017	4:00 PM	Flush	250	
8:12 AM	JWF-3A	Cafeteria	Drinking Fountain	8/25/2017	4:00 PM	First Draw	250	
8:14 AM	JWF-3B	Cafeteria	Drinking Fountain	8/25/2017	4:00 PM	Flush	250	
8:18 AM	JWF-4A	S. Side of Gym	Drinking Fountain	8/25/2017	4:00 PM	First Draw	250	
8:19 AM	JWF-4B	S. Side of Gym	Drinking Fountain	8/25/2017	4:00 PM	Flush	250	
8:20 AM	JWF-5A	N. Side of Gym	Drinking Fountain	8/25/2017	4:00 PM	First Draw	250	
8:21 AM	JWF-5B	N. Side of Gym	Drinking Fountain	8/25/2017	4:00 PM	Flush	250	
8:22 AM	JS-6A	Nurse's Office	S - Sink	8/25/2017	4:00 PM	First Draw	250	
8:23 AM	JS-6B	Nurse's Office	S - Sink	8/25/2017	4:00 PM	Flush	250	
8:27 AM	JS-7A	Room 112	S - Sink	8/25/2017	4:00 PM	First Draw	250	Old Nurse's Office (changed 2 years ago)
8:28 AM	JS-7B	Room 112	S - Sink	8/25/2017	4:00 PM	Flush	250	Old Nurse's Office (changed 2 years ago)
8:31 AM	JWF-8A	Outside of Library	Drinking Fountain	8/25/2017	4:00 PM	First Draw	250	
8:32 AM	JWF-8B	Outside of Library	Drinking Fountain	8/25/2017	4:00 PM	Flush	250	
8:34 AM	JWF-9A	Across from Room 117	Drinking Fountain	8/25/2017	4:00 PM	First Draw	250	
8:35 AM	JWF-9B	Across from Room 117	Drinking Fountain	8/25/2017	4:00 PM	Flush	250	
8:36 AM	JWF-10A	Outside Room 117	Drinking Fountain	8/25/2017	4:00 PM	First Draw	250	
8:37 AM	JWF-10B	Outside Room 117	Drinking Fountain	8/25/2017	4:00 PM	Flush	250	

Appendix II

Field Collection-CoC Addendum

AS CoC - Aires

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Collected by: Dan Petras

[illegible]