
WATER QUALITY TESTING

FOR

***LIBERTYVILLE SCHOOL DISTRICT 70
COPELAND***

LIBERTYVILLE, ILLINOIS

SEPTEMBER 16, 2017

PROJECT NUMBER: 17-18331

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INTRODUCTION

Libertyville School District 70 implemented a proactive program of water testing at Copeland Manor School. Water sampling was conducted by Mr. Dan Petras of Aires Consulting on September 16, 2017. Mr. Geoffrey J. Bacci II, P.E. designed the study and developed this report.

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

RESULTS

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

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

- CS-8A: first draw sample from the northwest sink in Room 117 - 6.30 ppb
- CCS-36A: first draw sample from the classroom sink in Room 130 - 5.51 ppb

Parents with children in affected rooms that exceeded 5 ppb should be notified within 7 days per IDPH guidelines. Remaining results should be at minimum posted on the District's website. All sample results should be e-mailed to IDPH within 7 days.

None of the sources exceeded the EPA action level of 20.0 ppb.

PROFESSIONAL CERTIFICATION

Aires Consulting, a division of Gallagher Bassett Services, Inc. conducted this study in the interest of Libertyville School District 70 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.

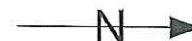
Respectfully Submitted,



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

2012 – 2013 School Year

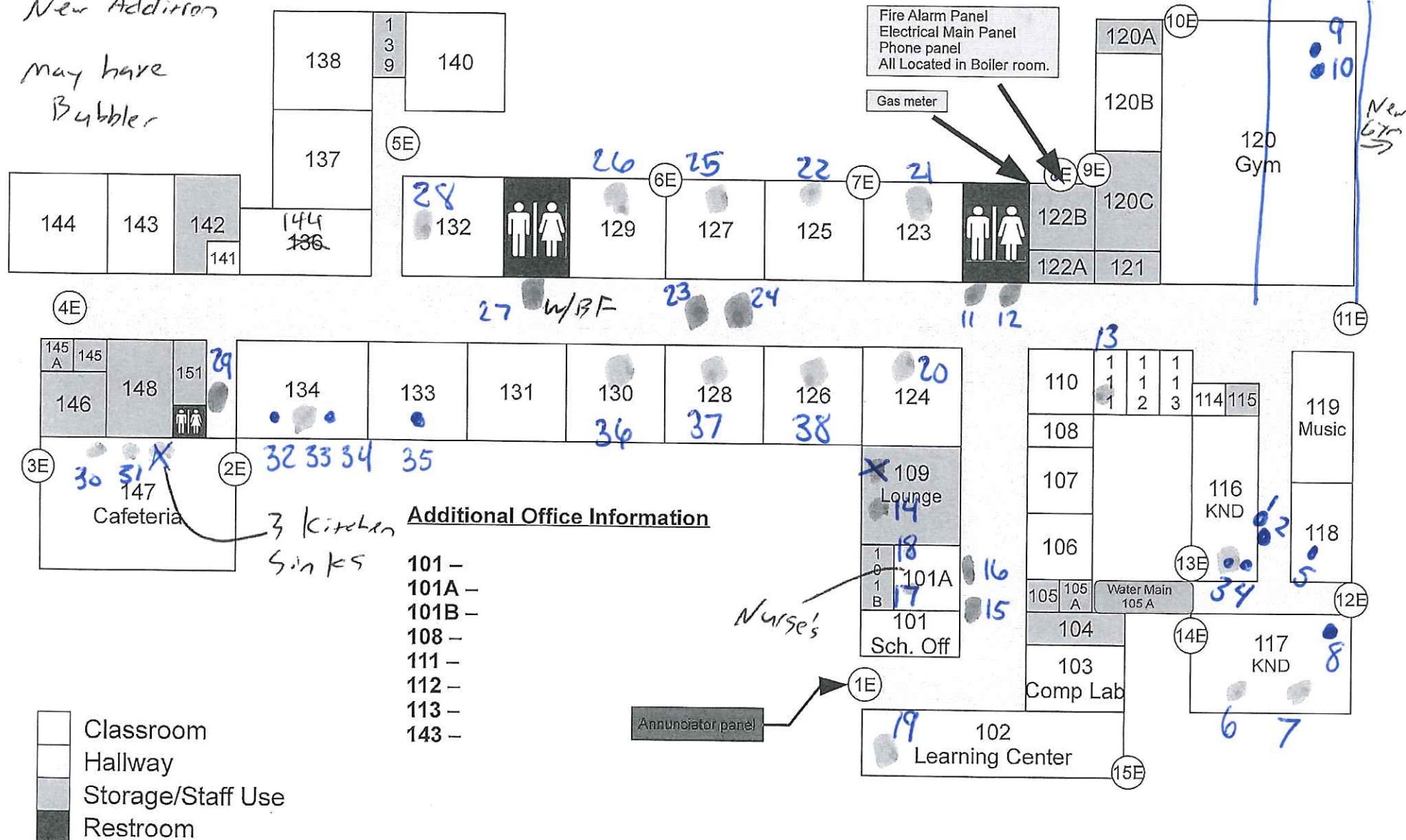
WF



Sink

New Addition

may have
Bubblers





Thursday, October 5, 2017

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

RE: Libertyville District 70/ Copeland Manor School

PAS WO: 17I0526

Prairie Analytical Systems, Inc. received 84 sample(s) on 9/19/2017 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: 10/5/2017

LABORATORY RESULTS

Client: Aires Consulting Group
Project: Libertyville Distict 70/ Copeland Manor School
Client Sample ID: CWF-1A
Collection Date: 9/16/17 11:07

Lab Order: 17I0526
Lab ID: 17I0526-01
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	10/4/17 7:37	10/4/17 13:30	EPA200.8	LAH

Client Sample ID: CWF-1B
Collection Date: 9/16/17 11:08

Lab ID: 17I0526-02
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	10/4/17 7:37	10/4/17 13:33	EPA200.8	LAH

Client Sample ID: CWF-2A
Collection Date: 9/16/17 11:08

Lab ID: 17I0526-03
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	10/4/17 7:37	10/4/17 13:36	EPA200.8	LAH

Client Sample ID: CWF-2B
Collection Date: 9/16/17 11:08

Lab ID: 17I0526-04
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	10/4/17 7:37	10/4/17 13:38	EPA200.8	LAH

Client Sample ID: CWF-2C
Collection Date: 9/16/17 11:09

Lab ID: 17I0526-05
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	10/4/17 7:37	10/4/17 13:41	EPA200.8	LAH

Client Sample ID: CCS-3A
Collection Date: 9/16/17 11:13

Lab ID: 17I0526-06
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	2.35	2.00		µg/L	1	10/4/17 7:39	10/4/17 14:16	EPA200.8	LAH

Client Sample ID: CCS-3B
Collection Date: 9/16/17 11:13

Lab ID: 17I0526-07
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	10/4/17 7:39	10/4/17 14:24	EPA200.8	LAH

Prairie Analytical Systems, Inc.

Date: 10/5/2017

LABORATORY RESULTS

Client:	Aires Consulting Group					Lab Order:	17I0526				
Project:	Libertyville Distict 70/ Copeland Manor School										
Client Sample ID:	CCS-4A					Lab ID:	17I0526-08				
Collection Date:	9/16/17 11:14					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	3.39	2.00		µg/L	1	10/4/17 7:39	10/4/17 14:27	EPA200.8	LAH		
Client Sample ID:	CCS-4B					Lab ID:	17I0526-09				
Collection Date:	9/16/17 11:14					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	10/4/17 7:39	10/4/17 14:30	EPA200.8	LAH		
Client Sample ID:	CCS-5A					Lab ID:	17I0526-10				
Collection Date:	9/16/17 11:16					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	10/4/17 7:39	10/4/17 14:33	EPA200.8	LAH		
Client Sample ID:	CCS-5B					Lab ID:	17I0526-11				
Collection Date:	9/16/17 11:16					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	10/4/17 7:39	10/4/17 14:36	EPA200.8	LAH		
Client Sample ID:	CCS-6A					Lab ID:	17I0526-12				
Collection Date:	9/16/17 11:18					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	U	2.00		µg/L	1	10/4/17 7:39	10/4/17 14:39	EPA200.8	LAH		
Client Sample ID:	CCS-6B					Lab ID:	17I0526-13				
Collection Date:	9/16/17 11:18					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	U	2.00		µg/L	1	10/4/17 7:39	10/4/17 14:50	EPA200.8	LAH		
Client Sample ID:	CCS-7A					Lab ID:	17I0526-14				
Collection Date:	9/16/17 11:19					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	10/4/17 7:39	10/4/17 14:53	EPA200.8	LAH		

Prairie Analytical Systems, Inc.

Date: 10/5/2017

LABORATORY RESULTS

Client:	Aires Consulting Group									
Project:	Libertyville Distict 70/ Copeland Manor School					Lab Order:	17I0526			
Client Sample ID:	CCS-7A					Lab ID:	17I0526-14			
Collection Date:	9/16/17 11:19					Matrix:	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Client Sample ID:	CCS-7B					Lab ID:	17I0526-15			
Collection Date:	9/16/17 11:19					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	10/4/17 7:39	10/4/17 14:56	EPA200.8	LAH	
Client Sample ID:	CS-8A					Lab ID:	17I0526-16			
Collection Date:	9/16/17 11:20					Matrix:	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS										
*Lead	6.30	2.00		µg/L	1	10/4/17 7:39	10/4/17 14:59	EPA200.8	LAH	
Client Sample ID:	CS-8B					Lab ID:	17I0526-17			
Collection Date:	9/16/17 11:20					Matrix:	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS										
*Lead	2.75	2.00		µg/L	1	10/4/17 7:39	10/4/17 15:07	EPA200.8	LAH	
Client Sample ID:	CWF-9A					Lab ID:	17I0526-18			
Collection Date:	9/16/17 11:30					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	10/4/17 7:39	10/4/17 15:10	EPA200.8	LAH	
Client Sample ID:	CWF-9B					Lab ID:	17I0526-19			
Collection Date:	9/16/17 11:30					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	10/4/17 7:39	10/4/17 15:13	EPA200.8	LAH	
Client Sample ID:	CWF-10A					Lab ID:	17I0526-20			
Collection Date:	9/16/17 11:31					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	10/4/17 7:39	10/4/17 15:16	EPA200.8	LAH	

Prairie Analytical Systems, Inc.

Date: 10/5/2017

LABORATORY RESULTS

Client: Aires Consulting Group
Project: Libertyville Distict 70/ Copeland Manor School
Client Sample ID: CWF-10B
Collection Date: 9/16/17 11:31

Lab Order: 17I0526
Lab ID: 17I0526-21
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	10/4/17 7:39	10/4/17 15:28	EPA200.8	LAH

Client Sample ID: CWF-10C
Collection Date: 9/16/17 11:31

Lab ID: 17I0526-22
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	10/4/17 7:39	10/4/17 15:30	EPA200.8	LAH

Client Sample ID: CWF-11A
Collection Date: 9/16/17 11:32

Lab ID: 17I0526-23
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	10/4/17 7:39	10/4/17 15:33	EPA200.8	LAH

Client Sample ID: CWF-11B
Collection Date: 9/16/17 11:32

Lab ID: 17I0526-24
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	10/4/17 7:39	10/4/17 15:36	EPA200.8	LAH

Client Sample ID: CWF-12A
Collection Date: 9/16/17 11:33

Lab ID: 17I0526-25
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	10/4/17 7:39	10/4/17 15:39	EPA200.8	LAH

Client Sample ID: CWF-12B
Collection Date: 9/16/17 11:33

Lab ID: 17I0526-26
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	10/4/17 7:40	10/4/17 15:48	EPA200.8	LAH

Client Sample ID: CWF-12C
Collection Date: 9/16/17 11:33

Lab ID: 17I0526-27
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	10/4/17 7:40	10/4/17 16:08	EPA200.8	LAH

Prairie Analytical Systems, Inc.

Date: 10/5/2017

LABORATORY RESULTS

Client:	Aires Consulting Group					Lab Order:	17I0526				
Project:	Libertyville Distict 70/ Copeland Manor School										
Client Sample ID:	CCS-13A					Lab ID:	17I0526-28				
Collection Date:	9/16/17 11:35					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	10/4/17 7:40	10/4/17 16:11	EPA200.8	LAH		
Client Sample ID:	CCS-13B					Lab ID:	17I0526-29				
Collection Date:	9/16/17 11:35					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	10/4/17 7:40	10/4/17 16:14	EPA200.8	LAH		
Client Sample ID:	CS-14A					Lab ID:	17I0526-30				
Collection Date:	9/16/17 11:40					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	10/4/17 7:40	10/4/17 16:16	EPA200.8	LAH		
Client Sample ID:	CS-14B					Lab ID:	17I0526-31				
Collection Date:	9/16/17 11:40					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	10/4/17 7:40	10/4/17 16:19	EPA200.8	LAH		
Client Sample ID:	CWF-15A					Lab ID:	17I0526-32				
Collection Date:	9/16/17 11:42					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	10/4/17 7:40	10/4/17 16:22	EPA200.8	LAH		
Client Sample ID:	CWF-15B					Lab ID:	17I0526-33				
Collection Date:	9/16/17 11:42					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	10/4/17 7:40	10/4/17 16:25	EPA200.8	LAH		
Client Sample ID:	CWF-16A					Lab ID:	17I0526-34				
Collection Date:	9/16/17 11:44					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	10/4/17 7:40	10/4/17 16:28	EPA200.8	LAH		

Prairie Analytical Systems, Inc.

Date: 10/5/2017

LABORATORY RESULTS

Client: Aires Consulting Group
Project: Libertyville Distict 70/ Copeland Manor School
Client Sample ID: CWF-16A
Collection Date: 9/16/17 11:44

Lab Order: 17I0526
Lab ID: 17I0526-34
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Client Sample ID: CWF-16B
Collection Date: 9/16/17 11:44

Lab ID: 17I0526-35
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	10/4/17 7:40	10/4/17 16:31	EPA200.8	LAH
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Client Sample ID: CWF-16C
Collection Date: 9/16/17 11:44

Lab ID: 17I0526-36
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	10/4/17 7:40	10/4/17 16:34	EPA200.8	LAH
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Client Sample ID: CS-17A
Collection Date: 9/16/17 11:46

Lab ID: 17I0526-37
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	10/4/17 7:40	10/4/17 16:51	EPA200.8	LAH
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Client Sample ID: CS-17B
Collection Date: 9/16/17 11:46

Lab ID: 17I0526-38
Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 7:40	10/4/17 16:54	EPA200.8	LAH
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Client Sample ID: CS-18A
Collection Date: 9/16/17 11:47

Lab ID: 17I0526-39
Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 7:40	10/4/17 16:57	EPA200.8	LAH
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Client Sample ID: CS-18B
Collection Date: 9/16/17 11:47

Lab ID: 17I0526-40
Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 7:40	10/4/17 16:59	EPA200.8	LAH
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Prairie Analytical Systems, Inc.

Date: 10/5/2017

LABORATORY RESULTS

Client: Aires Consulting Group
Project: Libertyville Distict 70/ Copeland Manor School
Client Sample ID: CS-19A
Collection Date: 9/16/17 11:49

Lab Order: 17I0526
Lab ID: 17I0526-41
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	10/4/17 7:40	10/4/17 17:02	EPA200.8	LAH

Client Sample ID: CS-19B
Collection Date: 9/16/17 11:49

Lab ID: 17I0526-42
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	10/4/17 7:40	10/4/17 17:05	EPA200.8	LAH

Client Sample ID: CCS-20A
Collection Date: 9/16/17 11:51

Lab ID: 17I0526-43
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	10/4/17 7:40	10/4/17 17:08	EPA200.8	LAH

Client Sample ID: CCS-20B
Collection Date: 9/16/17 11:51

Lab ID: 17I0526-44
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	10/4/17 7:40	10/4/17 17:11	EPA200.8	LAH

Client Sample ID: CCS-21A
Collection Date: 9/16/17 11:53

Lab ID: 17I0526-45
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	10/4/17 7:40	10/4/17 17:22	EPA200.8	LAH

Client Sample ID: CCS-21B
Collection Date: 9/16/17 11:53

Lab ID: 17I0526-46
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	10/4/17 7:42	10/4/17 17:31	EPA200.8	LAH

Client Sample ID: CCS-22A
Collection Date: 9/16/17 11:55

Lab ID: 17I0526-47
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	10/4/17 7:42	10/4/17 17:40	EPA200.8	LAH

Prairie Analytical Systems, Inc.

Date: 10/5/2017

LABORATORY RESULTS

Client:	Aires Consulting Group					Lab Order:	17I0526				
Project:	Libertyville Distict 70/ Copeland Manor School										
Client Sample ID:	CCS-22B					Lab ID:	17I0526-48				
Collection Date:	9/16/17 11:55					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	10/4/17 7:42	10/4/17 17:43	EPA200.8	LAH		
Client Sample ID:	CWF-23A					Lab ID:	17I0526-49				
Collection Date:	9/16/17 11:57					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	10/4/17 7:42	10/4/17 17:48	EPA200.8	LAH		
Client Sample ID:	CWF-23B					Lab ID:	17I0526-50				
Collection Date:	9/16/17 11:57					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	10/4/17 7:42	10/4/17 17:51	EPA200.8	LAH		
Client Sample ID:	CWF-24A					Lab ID:	17I0526-51				
Collection Date:	9/16/17 11:59					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	10/4/17 7:42	10/4/17 18:03	EPA200.8	LAH		
Client Sample ID:	CWF-24B					Lab ID:	17I0526-52				
Collection Date:	9/16/17 11:59					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	10/4/17 7:42	10/4/17 18:06	EPA200.8	LAH		
Client Sample ID:	CWF-24C					Lab ID:	17I0526-53				
Collection Date:	9/16/17 11:59					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	10/4/17 7:42	10/4/17 18:08	EPA200.8	LAH		
Client Sample ID:	CCS-25A					Lab ID:	17I0526-54				
Collection Date:	9/16/17 12:00					Matrix:	Drinking Water				
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst		
Metals by ICP-MS											
*Lead	3.68	2.00		µg/L	1	10/4/17 7:42	10/4/17 18:11	EPA200.8	LAH		

Prairie Analytical Systems, Inc.

Date: 10/5/2017

LABORATORY RESULTS

Client: Aires Consulting Group
Project: Libertyville Distict 70/ Copeland Manor School
Client Sample ID: CCS-25A
Collection Date: 9/16/17 12:00

Lab Order: 17I0526
Lab ID: 17I0526-54
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Client Sample ID: CCS-25B
Collection Date: 9/16/17 12:00

Lab ID: 17I0526-55
Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 7:42	10/4/17 18:14	EPA200.8	LAH
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Client Sample ID: CCS-26A
Collection Date: 9/16/17 12:01

Lab ID: 17I0526-56
Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 7:42	10/4/17 18:17	EPA200.8	LAH
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Client Sample ID: CCS-26B
Collection Date: 9/16/17 12:01

Lab ID: 17I0526-57
Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 7:42	10/4/17 18:26	EPA200.8	LAH
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Client Sample ID: CWF-27A
Collection Date: 9/16/17 12:02

Lab ID: 17I0526-58
Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 7:42	10/4/17 18:28	EPA200.8	LAH
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Client Sample ID: CWF-27B
Collection Date: 9/16/17 12:02

Lab ID: 17I0526-59
Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 7:42	10/4/17 18:40	EPA200.8	LAH
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Client Sample ID: CWF-27C
Collection Date: 9/16/17 12:02

Lab ID: 17I0526-60
Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 7:42	10/4/17 18:43	EPA200.8	LAH
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Prairie Analytical Systems, Inc.

Date: 10/5/2017

LABORATORY RESULTS

Client:	Aires Consulting Group									
Project:	Libertyville Distict 70/ Copeland Manor School					Lab Order:	17I0526			
Client Sample ID:	CCS-28A					Lab ID:	17I0526-61			
Collection Date:	9/16/17 12:05					Matrix:	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS										
*Lead	3.48	2.00		µg/L	1	10/4/17 7:42	10/4/17 18:46	EPA200.8	LAH	
Client Sample ID:	CCS-28B					Lab ID:	17I0526-62			
Collection Date:	9/16/17 12:05					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	10/4/17 7:42	10/4/17 18:49	EPA200.8	LAH	
Client Sample ID:	CWF-29A					Lab ID:	17I0526-63			
Collection Date:	9/16/17 12:07					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	10/4/17 7:42	10/4/17 18:51	EPA200.8	LAH	
Client Sample ID:	CWF-29B					Lab ID:	17I0526-64			
Collection Date:	9/16/17 12:07					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	10/4/17 7:42	10/4/17 18:54	EPA200.8	LAH	
Client Sample ID:	CWF-29C					Lab ID:	17I0526-65			
Collection Date:	9/16/17 12:07					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	10/4/17 7:42	10/4/17 18:57	EPA200.8	LAH	
Client Sample ID:	CKS-30A					Lab ID:	17I0526-66			
Collection Date:	9/16/17 12:13					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	10/4/17 7:43	10/4/17 19:06	EPA200.8	LAH	
Client Sample ID:	CKS-30B					Lab ID:	17I0526-67			
Collection Date:	9/16/17 12:13					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	10/4/17 7:43	10/4/17 19:23	EPA200.8	LAH	

Prairie Analytical Systems, Inc.

Date: 10/5/2017

LABORATORY RESULTS

Client:	Aires Consulting Group					Lab Order:	17I0526			
Project:	Libertyville Distict 70/ Copeland Manor School									
Client Sample ID:	CKS-31A					Lab ID:	17I0526-68			
Collection Date:	9/16/17 12:14					Matrix:	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS										
*Lead	2.36	2.00		µg/L	1	10/4/17 7:43	10/4/17 19:26	EPA200.8	LAH	
Client Sample ID:	CKS-31B					Lab ID:	17I0526-69			
Collection Date:	9/16/17 12:14					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	10/4/17 7:43	10/4/17 19:29	EPA200.8	LAH	
Client Sample ID:	CCS-32A					Lab ID:	17I0526-70			
Collection Date:	9/16/17 12:16					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	10/4/17 7:43	10/4/17 19:32	EPA200.8	LAH	
Client Sample ID:	CCS-32B					Lab ID:	17I0526-71			
Collection Date:	9/16/17 12:16					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	10/4/17 7:43	10/4/17 19:35	EPA200.8	LAH	
Client Sample ID:	CCS-33A					Lab ID:	17I0526-72			
Collection Date:	9/16/17 12:17					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	10/4/17 7:43	10/4/17 19:37	EPA200.8	LAH	
Client Sample ID:	CCS-33B					Lab ID:	17I0526-73			
Collection Date:	9/16/17 12:17					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	10/4/17 7:43	10/4/17 19:43	EPA200.8	LAH	
Client Sample ID:	CCS-34A					Lab ID:	17I0526-74			
Collection Date:	9/16/17 12:18					Matrix:	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
Metals by ICP-MS										
*Lead	U	2.00		µg/L	1	10/4/17 7:43	10/4/17 19:46	EPA200.8	LAH	

Prairie Analytical Systems, Inc.

Date: 10/5/2017

LABORATORY RESULTS

Client: Aires Consulting Group
Project: Libertyville Distict 70/ Copeland Manor School
Client Sample ID: CCS-34A
Collection Date: 9/16/17 12:18

Lab Order: 17I0526
Lab ID: 17I0526-74
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Client Sample ID: CCS-34B
Collection Date: 9/16/17 12:18

Lab ID: 17I0526-75
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	10/4/17 7:43	10/4/17 19:58	EPA200.8	LAH
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Client Sample ID: CCS-35A
Collection Date: 9/16/17 12:20

Lab ID: 17I0526-76
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	10/4/17 7:43	10/4/17 20:00	EPA200.8	LAH
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Client Sample ID: CCS-35B
Collection Date: 9/16/17 12:20

Lab ID: 17I0526-77
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	10/4/17 7:43	10/4/17 20:09	EPA200.8	LAH
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Client Sample ID: CCS-36A
Collection Date: 9/16/17 12:21

Lab ID: 17I0526-78
Matrix: Drinking Water

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

*Lead	5.51	2.00		µg/L	1	10/4/17 7:43	10/4/17 20:12	EPA200.8	LAH
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Client Sample ID: CCS-36B
Collection Date: 9/16/17 12:21

Lab ID: 17I0526-79
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	10/4/17 7:43	10/4/17 20:15	EPA200.8	LAH
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Client Sample ID: CCS-37A
Collection Date: 9/16/17 12:30

Lab ID: 17I0526-80
Matrix: Drinking Water

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

*Lead	2.51	2.00		µg/L	1	10/4/17 7:43	10/4/17 20:18	EPA200.8	LAH
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Prairie Analytical Systems, Inc.

Date: 10/5/2017

LABORATORY RESULTS

Client: Aires Consulting Group
Project: Libertyville District 70/ Copeland Manor School
Client Sample ID: CCS-37B
Collection Date: 9/16/17 12:30

Lab Order: 17I0526
Lab ID: 17I0526-81
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	10/4/17 7:43	10/4/17 20:21	EPA200.8	LAH

Client Sample ID: CCS-38A
Collection Date: 9/16/17 12:32

Lab ID: 17I0526-82
Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	4.05	2.00		µg/L	1	10/4/17 7:43	10/4/17 20:23	EPA200.8	LAH

Client Sample ID: CCS-38B
Collection Date: 9/16/17 12:32

Lab ID: 17I0526-83
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	10/4/17 7:43	10/4/17 20:35	EPA200.8	LAH

Client Sample ID: CIF-39
Collection Date: 9/16/17 12:41

Lab ID: 17I0526-84
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	10/4/17 7:43	10/4/17 20:38	EPA200.8	LAH

Conventional Chemistry Parameters
pH

8.12	0.0100		pH Units	1	9/16/17 12:41	9/16/17 12:41	EPA150.1
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Prairie Analytical Systems, Inc.

Date: 10/5/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: Libertyville District 70/ Copeland Manor School

Lab Order: 17I0526

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 A006117 - EPA 200.8 Metals

Blank (A006117-BLK1)

Prepared & Analyzed: 10/04/201

Lead	U	2.00	µg/L
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LCS (A006117-BS1)

Prepared & Analyzed: 10/04/201

Lead	452	2.00	µg/L	500.00	90	85-115
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Matrix Spike (A006117-MS1)

Source: 17I0525-21

Prepared & Analyzed: 10/04/201

Lead	450	2.00	µg/L	500.00	0.899	90	75-125
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Matrix Spike (A006117-MS2)

Source: 17I0525-31

Prepared & Analyzed: 10/04/201

Lead	459	2.00	µg/L	500.00	0.0665	92	75-125
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Matrix Spike Dup (A006117-MSD1)

Source: 17I0525-21

Prepared & Analyzed: 10/04/201

Lead	469	2.00	µg/L	500.00	0.899	94	75-125	4	20
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Matrix Spike Dup (A006117-MSD2)

Source: 17I0525-31

Prepared & Analyzed: 10/04/201

Lead	484	2.00	µg/L	500.00	0.0665	97	75-125	5	20
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Batch A006118 - EPA 200.8 Metals

Blank (A006118-BLK1)

Prepared & Analyzed: 10/04/201

Lead	U	2.00	µg/L
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LCS (A006118-BS1)

Prepared & Analyzed: 10/04/201

Lead	467	2.00	µg/L	500.00	93	85-115
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Matrix Spike (A006118-MS1)

Source: 17I0526-06

Prepared & Analyzed: 10/04/201

Lead	462	2.00	µg/L	500.00	2.35	92	75-125
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Prairie Analytical Systems, Inc.

Date: 10/5/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: Libertyville District 70/ Copeland Manor School

Lab Order: 17I0526

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 A006118 - EPA 200.8 Metals

Matrix Spike (A006118-MS2) Source: 17I0526-16 Prepared & Analyzed: 10/04/201

Lead	478	2.00	µg/L	500.00	6.30	94	75-125			
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Matrix Spike Dup (A006118-MSD1) Source: 17I0526-06 Prepared & Analyzed: 10/04/201

Lead	460	2.00	µg/L	500.00	2.35	91	75-125	0.6	20	
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Matrix Spike Dup (A006118-MSD2) Source: 17I0526-16 Prepared & Analyzed: 10/04/201

Lead	484	2.00	µg/L	500.00	6.30	96	75-125	1	20	
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Batch A006119 - EPA 200.8 Metals

Blank (A006119-BLK1) Prepared & Analyzed: 10/04/201

Lead	U	2.00	µg/L							
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LCS (A006119-BS1) Prepared & Analyzed: 10/04/201

Lead	463	2.00	µg/L	500.00		93	85-115			
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Matrix Spike (A006119-MS1) Source: 17I0526-26 Prepared & Analyzed: 10/04/201

Lead	463	2.00	µg/L	500.00	0.0675	93	75-125			
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Matrix Spike (A006119-MS2) Source: 17I0526-36 Prepared & Analyzed: 10/04/201

Lead	464	2.00	µg/L	500.00	0.0635	93	75-125			
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Matrix Spike Dup (A006119-MSD1) Source: 17I0526-26 Prepared & Analyzed: 10/04/201

Lead	465	2.00	µg/L	500.00	0.0675	93	75-125	0.6	20	
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Matrix Spike Dup (A006119-MSD2) Source: 17I0526-36 Prepared & Analyzed: 10/04/201

Lead	463	2.00	µg/L	500.00	0.0635	92	75-125	0.2	20	
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Prairie Analytical Systems, Inc.

Date: 10/5/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: Libertyville District 70/ Copeland Manor School

Lab Order: 17I0526

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 A006120 - EPA 200.8 Metals

Blank (A006120-BLK1)

Prepared & Analyzed: 10/04/201

Lead	U	2.00	µg/L							
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LCS (A006120-BS1)

Prepared & Analyzed: 10/04/201

Lead	467	2.00	µg/L	500.00		93	85-115			
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Matrix Spike (A006120-MS1)

Source: 17I0526-46

Prepared & Analyzed: 10/04/201

Lead	465	2.00	µg/L	500.00	1.30	93	75-125			
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Matrix Spike (A006120-MS2)

Source: 17I0526-56

Prepared & Analyzed: 10/04/201

Lead	463	2.00	µg/L	500.00	0.695	92	75-125			
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Matrix Spike Dup (A006120-MSD1)

Source: 17I0526-46

Prepared & Analyzed: 10/04/201

Lead	465	2.00	µg/L	500.00	1.30	93	75-125	0.2	20	
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Matrix Spike Dup (A006120-MSD2)

Source: 17I0526-56

Prepared & Analyzed: 10/04/201

Lead	468	2.00	µg/L	500.00	0.695	93	75-125	1	20	
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Batch A006121 - EPA 200.8 Metals

Blank (A006121-BLK1)

Prepared & Analyzed: 10/04/201

Lead	U	2.00	µg/L							
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LCS (A006121-BS1)

Prepared & Analyzed: 10/04/201

Lead	474	2.00	µg/L	500.00		95	85-115			
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Matrix Spike (A006121-MS1)

Source: 17I0526-66

Prepared & Analyzed: 10/04/201

Lead	470	2.00	µg/L	500.00	0.820	94	75-125			
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Prairie Analytical Systems, Inc.

Date: 10/5/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: Libertyville District 70/ Copeland Manor School

Lab Order: 17I0526

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 A006121 - EPA 200.8 Metals

Matrix Spike (A006121-MS2)

Source: 17I0526-76

Prepared & Analyzed: 10/04/201

Lead	465	2.00	µg/L	500.00	0.603	93	75-125			
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Matrix Spike Dup (A006121-MSD1)

Source: 17I0526-66

Prepared & Analyzed: 10/04/201

Lead	465	2.00	µg/L	500.00	0.820	93	75-125	1	20	
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Matrix Spike Dup (A006121-MSD2)

Source: 17I0526-76

Prepared & Analyzed: 10/04/201

Lead	473	2.00	µg/L	500.00	0.603	94	75-125	2	20	
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Prairie Analytical Systems, Inc.**Date:** 10/5/2017

LABORATORY RESULTS

Client: Aires Consulting Group**Project:** Libertyville District 70/ Copeland Manor School**Lab Order:** 17I0526

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				Analysis and/or Method Requested				Reporting	
Address		1550 Hubbard Ave								TACO	
City, State, Zip Code		Batavia, IL 60510								☐ CCDD ☐ Residential ☐ Industrial / Commercial	
Phone / Facsimile		630.879.3006								CALM	
Project Name / Number		Libertyville District 70								☐ A ☐ D ☐ B ☐ E ☐ C ☐ F	
Project Location		Copeland Manor School								RISC	
P.O. # or Invoice To		17-18331								☐ Residential ☐ Industrial	
Contact Person		Geoff Bacci II								Sampler Comments	
Sample Description											
		Sampling		Matrix		Preserv		No. of		Sample Type	
		Date		Code		Code		Containers		Comp	
		Time								Grab	
See attached Addendum (4 pages) for sample information (4 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	
Preservative Code		0 - None		1 - HCl		2 - H2SO4		3 - HNO3		4 - NaOH	
Relinquished By		Date		Time		Date		Time		Method of Shipment	
O. S. Bassett		9/18/17		2:00		9/18/17		2:00pm		X - Other (Specify)	
B. S. Bassett		9/19/17		1315		9/19/17		1315		X - Other (Specify)	
M. S. Bassett		9/20/17		1700		9/20/17		10:45		UPS	
Instructions: Turnaround Time: Standard ☐ Rush ☐ Date Required: 9/20/17 3:00pm QC Level: ☐ 1 ☐ 2 ☐ 3 ☐ 4 On wet ice? ☐ Yes ☐ No Temperature (°C) 3.2											

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

340490700022004

ISBE ID:

Building ID:

Building Description:

Sample Collection Date:

Collected by:

0001

Copeland Manor School

9.16.17

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
11:07 AM	CWF-1A	Across room 118	WF - Water Cooler	9/15/2017	6:00 PM	First Draw	250	
11:08 AM	CWF-1B	Across room 118	WF - Water Cooler	9/15/2017	6:00 PM	Flush	250	
11:08 AM	CWF-2A	Across room 118	WF - Water Cooler	9/15/2017	6:00 PM	First Draw	250	
11:08 AM	CWF-2B	Across room 118	WF - Water Cooler	9/15/2017	6:00 PM	Flush	250	
11:09 AM	CWF-2C	Across room 118	O - Other	9/15/2017	6:00 PM	First Draw	250	bottle fill
11:13 AM	CCS-3A	Room 116	S - Sink	9/15/2017	6:00 PM	First Draw	250	
11:13 AM	CCS-3B	Room 116	S - Sink	9/15/2017	6:00 PM	Flush	250	
11:14 AM	CCS-4A	Room 116	S - Sink	9/15/2017	6:00 PM	First Draw	250	
11:14 AM	CCS-4B	Room 116	S - Sink	9/15/2017	6:00 PM	Flush	250	
11:16 AM	CCS-5A	Room 118	S - Sink	9/15/2017	6:00 PM	First Draw	250	
11:16 AM	CCS-5B	Room 118	S - Sink	9/15/2017	6:00 PM	Flush	250	
11:18 AM	CCS-6A	Room 117	S - Sink	9/15/2017	6:00 PM	First Draw	250	
11:18 AM	CCS-6B	Room 117	S - Sink	9/15/2017	6:00 PM	Flush	250	
11:19 AM	CCS-7A	Room 117	S - Sink	9/15/2017	6:00 PM	First Draw	250	
11:19 AM	CCS-7B	Room 117	S - Sink	9/15/2017	6:00 PM	Flush	250	
11:20 AM	CS-8A	Room 117	S - Sink	9/15/2017	6:00 PM	First Draw	250	
11:20 AM	CS-8B	Room 117	S - Sink	9/15/2017	6:00 PM	Flush	250	
11:30 AM	CWF-9A	Outside 154	WF - Water Cooler	9/15/2017	6:00 PM	First Draw	250	
11:30 AM	CWF-9B	Outside 154	WF - Water Cooler	9/15/2017	6:00 PM	Flush	250	
11:31 AM	CWF-10A	Outside 154	WF - Water Cooler	9/15/2017	6:00 PM	First Draw	250	
11:31 AM	CWF-10B	Outside 154	WF - Water Cooler	9/15/2017	6:00 PM	Flush	250	
11:31 AM	CWF-10C	Outside 154	O - Other	9/15/2017	6:00 PM	First Draw	250	bottle fill
11:32 AM	CWF-11A	Across from room 111	WF - Water Cooler	9/15/2017	6:00 PM	First Draw	250	

ISBE ID: 340490700022004
Building ID: 0001
Building Description: Copeland Manor School
Sample Collection Date: 9.16.17
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
11:32 AM	CWF-11B	Across from room 111	WF - Water Cooler	9/15/2017	6:00 PM	Flush	250	
11:33 AM	CWF-12A	Across from room 111	WF - Water Cooler	9/15/2017	6:00 PM	First Draw	250	
11:33 AM	CWF-12B	Across from room 111	WF - Water Cooler	9/15/2017	6:00 PM	Flush	250	
11:33 AM	CWF-12C	Across from room 111	O - Other	9/15/2017	6:00 PM	First Draw	250	bottle fill
11:35 AM	CCS-13A	Room 111	S - Sink	9/15/2017	6:00 PM	First Draw	250	
11:35 AM	CCS-13B	Room 111	S - Sink	9/15/2017	6:00 PM	Flush	250	
11:40 AM	CS-14A	Room 109	S - Sink	9/15/2017	6:00 PM	First Draw	250	
11:40 AM	CS-14B	Room 109	S - Sink	9/15/2017	6:00 PM	Flush	250	
11:42 AM	CWF-15A	Across from room 107	WF - Water Cooler	9/15/2017	6:00 PM	First Draw	250	
11:42 AM	CWF-15B	Across from room 107	WF - Water Cooler	9/15/2017	6:00 PM	Flush	250	
11:44 AM	CWF-16A	Across from room 107	WF - Water Cooler	9/15/2017	6:00 PM	First Draw	250	
11:44 AM	CWF-16B	Across from room 107	WF - Water Cooler	9/15/2017	6:00 PM	Flush	250	
11:44 AM	CWF-16C	Across from room 107	O - Other	9/15/2017	6:00 PM	First Draw	250	bottle fill
11:46 AM	CS-17A	Nurse's office	S - Sink	9/15/2017	6:00 PM	First Draw	250	
11:46 AM	CS-17B	Nurse's office	S - Sink	9/15/2017	6:00 PM	Flush	250	
11:47 AM	CS-18A	Nurse's office bathroom	S - Sink	9/15/2017	6:00 PM	First Draw	250	
11:47 AM	CS-18B	Nurse's office bathroom	S - Sink	9/15/2017	6:00 PM	Flush	250	
11:49 AM	CS-19A	Learning Center	S - Sink	9/15/2017	6:00 PM	First Draw	250	
11:49 AM	CS-19B	Learning Center	S - Sink	9/15/2017	6:00 PM	Flush	250	
11:51 AM	CCS-20A	Room 124	S - Sink	9/15/2017	6:00 PM	First Draw	250	
11:51 AM	CCS-20B	Room 124	S - Sink	9/15/2017	6:00 PM	Flush	250	
11:53 AM	CCS-21A	Room 123	S - Sink	9/15/2017	6:00 PM	First Draw	250	
11:53 AM	CCS-21B	Room 123	S - Sink	9/15/2017	6:00 PM	Flush	250	

ISBE ID: 340490700022004
Building ID: 0001
Building Description: Copeland Manor School
Sample Collection Date: 9.16.17
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
11:55 AM	CCS-22A	Room 125	S - Sink	9/15/2017	6:00 PM	First Draw	250	
11:55 AM	CCS-22B	Room 125	S - Sink	9/15/2017	6:00 PM	Flush	250	
11:57 AM	CWF-23A	Outside 127	WF - Water Cooler	9/15/2017	6:00 PM	First Draw	250	
11:57 AM	CWF-23B	Outside 127	WF - Water Cooler	9/15/2017	6:00 PM	Flush	250	
11:59 AM	CWF-24A	Outside 127	WF - Water Cooler	9/15/2017	6:00 PM	First Draw	250	
11:59 AM	CWF-24B	Outside 127	WF - Water Cooler	9/15/2017	6:00 PM	Flush	250	
11:59 AM	CWF-24C	Outside 127	O - Other	9/15/2017	6:00 PM	First Draw	250	bottle fill
12:00 PM	CCS-25A	Room 127	S - Sink	9/15/2017	6:00 PM	First Draw	250	
12:00 PM	CCS-25B	Room 127	S - Sink	9/15/2017	6:00 PM	Flush	250	
12:01 PM	CCS-26A	Room 129	S - Sink	9/15/2017	6:00 PM	First Draw	250	
12:01 PM	CCS-26B	Room 129	S - Sink	9/15/2017	6:00 PM	Flush	250	
12:02 PM	CWF-27A	Across 131	WF - Water Cooler	9/15/2017	6:00 PM	First Draw	250	
12:02 PM	CWF-27B	Across 131	WF - Water Cooler	9/15/2017	6:00 PM	Flush	250	
12:02 PM	CWF-27C	Across 131	O - Other	9/15/2017	6:00 PM	First Draw	250	bottle fill
12:05 PM	CCS-28A	Room 132	S - Sink	9/15/2017	6:00 PM	First Draw	250	
12:05 PM	CCS-28B	Room 132	S - Sink	9/15/2017	6:00 PM	Flush	250	
12:07 PM	CWF-29A	Outside cafeteria	WF - Water Cooler	9/15/2017	6:00 PM	First Draw	250	
12:07 PM	CWF-29B	Outside cafeteria	WF - Water Cooler	9/15/2017	6:00 PM	Flush	250	
12:07 PM	CWF-29C	Outside cafeteria	O - Other	9/15/2017	6:00 PM	First Draw	250	bottle fill
12:13 PM	CKS-30A	Kitchen	KS - Kitchen Sink	9/15/2017	6:00 PM	First Draw	250	
12:13 PM	CKS-30B	Kitchen	KS - Kitchen Sink	9/15/2017	6:00 PM	Flush	250	
12:14 PM	CKS-31A	Kitchen	KS - Kitchen Sink	9/15/2017	6:00 PM	First Draw	250	
12:14 PM	CKS-31B	Kitchen	KS - Kitchen Sink	9/15/2017	6:00 PM	Flush	250	

