### WATER QUALITY TESTING

### **FOR**

## DUPAGE HIGH SCHOOL DISTRICT 88 ADDISON TRAILS HIGH SCHOOL

ADDISON, ILLINOIS

SEPTEMBER 20 & DECEMBER 15, 2017

PROJECT NUMBER: 17-18305

Project: 17-18305.ENV

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### INTRODUCTION

DuPage High School District 88 has implemented a proactive program of water testing at Addison Trails High School. Water sampling was conducted by Mr. Dan Petras of Aires Consulting on September 20, 2017. Mr. Geoffrey J. Bacci II, P.E. designed the studied and developed this report.

All sampling methodology followed protocol required by The Lead in Drinking Water Testing Bill (LDWTB) an guidelines published by the Illinois Department of Public Health (IDPH).

All sources that exceeded the USEPA's recommended Action Level of 20 ppb were retested by Geoffrey Bacci II on December 15, 2017.

### **BACKGROUND INFORMATION**

The Lead in Drinking Water Testing Bill (LDWTB) was signed into law by Governor Bruce Rauner effective January 17, 2017. The bill amends six (6) different Illinois Codes and Acts including:

- The Illinois School Code
- Illinois Plumbing License Law.

The LDWTB requires School buildings constructed prior to January 1, 2000 to test drinking water sources for lead and provide written notification of the results. The Bill also directs the Illinois department of Public Health to draft rules by 1/1/2018 which may have additional requirements. The IDPH has issued a guidance document for drinking water testing which is included in Appendix I. The following is a summary of those guidelines:

- All schools housing 5<sup>th</sup> grade and under built before 1/1/2000 must test drinking sources used for drinking and cooking.
- Results of tests that are 5 parts per billion (ppb) or less can be communicated to parents at minimum by website posting.



 Locations that have results over 5 ppb must be communicated in writing or electronically to affected parents. That communication should also include information on the USEPA website that parents can access for guidance. That website: <a href="https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water">https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water</a>

According to the LDWTB the testing and notification requirements apply only to covered sources which are:

- Drinking fountain and drinking sources in buildings for grade 5 and under
- Classroom sinks in grades below 1 (kindergarten and pre-kindergarten).

Aires recommends notification extends to all sources tested.

Lead most frequently gets into drinking water by leaching from plumbing materials and fixtures as water moves through a school's distribution system. Even though the drinking water you receive from your water supplier meets federal and state standards for lead and copper, your facility may have elevated lead levels due to plumbing materials and water use patterns. Leaching can occur for several reasons but the most significant is corrosion which can occur if water is acidic. Acidic water has a pH less than 7.0.

### **METHODOLOGY**

Water testing followed protocol recommended by IDPH and the LDWTB. All water sources have two samples collected. The first collection at each source is a "first draw" sample. Water collection occurs in first draw samples after sources were unused for at least eight (8) hours but not more than 18 hrs. The second sample at that source is collected after 30 seconds of flushing. Each sample is given an identifier which begins with letters that identify the school. The middle letter identifies the sample as a drinking fountain (W) or a sink (S). Letters identify the sample location. An "A" after the letter indicates a first draw sample and a "B" identifies a flush sample. For example sample AWF-2A was collected at location 2 at Addison Trails High School and is a first draw sample at a water fountain. In certain locations where multiple outlets are present a "C"



after the number can also denote a first draw sample from one of the outlets (i.e. a combination sink/water fountain).

Samples were analyzed by Prairie Analytical Systems, Inc. Prairie Analytical is accredited by the National Environmental Laboratory Environmental Conference (NELAC).

The EPA recommends taking action to reduce lead levels if sample results exceed 20 ppb. That action could include water treatment or fixture replacement.

Public water supplies are required by the Safe Drinking Water Act to take corrective action if 10% or more of their sources contain lead levels greater than 15 ppb.

### **RESULTS**

Field sheets identifying sample numbers and sample locations maps are included in Appendix II. 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.** 

- AWF-12B: flush sample from the water cooler outside Room 187 5.50 ppb
- AWF-16A: first draw sample from the South water cooler located in the NW corner of the Auditorium 7.25 ppb
- AWF-16B: flush sample from the South water cooler located in the NW corner of the Auditorium – 5.73 ppb
- AWF-22A: first draw sample from the south water cooler outside Room 108 14.6 ppb
- ABF-22C: first draw sample from the bottle fill on the south water cooler outside Room 108 - 1,420 ppb
- AKS-30B: flush sample from the kitchen sink next to the student cafeteria window– 6.59 ppb
- ACS-128C: first draw sample from the left sink faucet in the Woodshop 33.9 ppb



### **RE-TESTING RESULTS**

All sources that exceeded the USEPA's recommended Action Level of 20 ppb were retested on December 15, 2017. Laboratory results are included in Appendix IV. The following locations exceeded 5 parts per billion (ppb). Locations that exceeded the EPA action level of 20 ppb are shown in **bold print.** 

 ABF-22C: first draw sample from the bottle fill on the south water cooler outside Room 108 – 32.2 ppb

Note: Source ACS-128 was not re-sampled. The source is a hand washing sink in the Woodshop. The District intends to label the sink to avoid use as a drinking source.

Sinks that exceed the EPA action level of 20 ppb should be labeled to avoid using as a drinking or cooking source. Further investigation and corrective action is necessary to identify the lead source and identify corrective action to reduce lead levels. We recommend the District post the results on the District's website along with any corrective actions and/or preventative measures.

### PROFESSIONAL CERTIFICATION

Aires Consulting, a division of Gallagher Bassett Services, Inc. conducted this study in the interest of DuPage High School District 88 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** 





# Sampling Protocol for Drinking Water in Schools





- Schools must use an Illinois Environmental Protection Agency (IEPA) accredited laboratory for the testing.
- ❖ Schools must provide the Illinois Department of Public Health (IDPH) with sample results within 7 days of receipt. Results should be emailed to DPH.LeadH2O@illinois.gov.



SB 0550 was signed by
Governor Bruce Rauner on
January 16, 2017. It
requires all schools (Pre-K
through 5th grade) to test
for lead in water used for
drinking and cooking.
Schools built after January
1, 2000 are not required to
test at this time.

## Sampling must be completed by:

- December 31, 2017 Schools constructed prior to January 1, 1987
- ❖ December 31, 2018 Schools constructed between January 2, 1987 and January 1, 2000

# Action Steps Prior to Sampling

- 1. Your local water supply can be a great resource. Contact them to request assistance in establishing your sampling plan.
- 2. Obtain a general floor plan for each school building. Floor plans are available in the schools' asbestos management plan.
- 3. Identify all fixtures to be sampled on the general floor plan. All plumbing fixtures that are used for cooking or drinking must be sampled. Bathroom and utility sinks do not need to be sampled.
- 4. Assign a unique alphanumeric identifier to each fixture.
- 5. Label fixture identifiers on the floor plan. Make sure all samples are labeled with the corresponding alphanumeric identifier for each fixture.
- 6. Determine which IEPA accredited laboratory you will utilize for the analysis. A list can be found at <a href="http://www.epa.illinois.gov/citizens/citizens-information/in-your-home/resources-on-lead/index.">http://www.epa.illinois.gov/citizens/citizens-information/in-your-home/resources-on-lead/index.</a>
- 7. Contact the laboratory to obtain enough 250 mL sample bottles and Chain of Custody forms to allow you to collect 2 samples from each fixture. The laboratory will also provide sample shipping instructions.

# Sample Collection Procedure

- Do NOT collect samples on Mondays or after extended holiday/break periods.
- Schools should develop a program to routinely flush plumbing fixtures after extended school closings.
- Do NOT flush plumbing fixtures in advance of sampling.



WARNING! Use caution when collecting samples. Some sample containers may contain a nitric acid preservative that can cause skin irritation.

### **PROCEDURE**

- 1. Each fixture must be sampled twice:
  - a. First draw sample
  - b. Second draw sample after 30 seconds
- 2. Ensure water has been idle and unused in pipes and fixtures for at least eight hours, but not more than 18 hours.
- 3. Prior to sampling, label the sample bottles with the alphanumeric identifier. Do not open the sample bottles until you are ready to collect each sample.
- 4. Position the first sample bottle beneath the fixture and turn the water on. Do not allow any water to spill.
- 5. Fill the bottle to the shoulder or the line marked 250 mL and turn the water off. Cap the bottle tightly.
- 6. Turn the water back on and allow the water to run for 30 seconds before filling the second sample bottle. Cap the bottle tightly.
- 7. Make sure both bottles are labeled with the date and time, alphanumeric identifier, and sample description (first or second draw).
- 8. Fill out Chain of Custody for each sample.
- 9. Continue sampling all fixtures until all samples are collected. Prepare the samples for shipping per laboratory instructions.

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MCH - 0-01	1/	110 6:	29	x	DW	1	х					
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### **Test Results**

### How to interpret your test results

- 1. Test results will be reported in either parts per billion (ppb) or micrograms per liter (ug/l). Both units of measure are appropriate.
- 2. If any sample exceeds 5 ppb of lead, the notification requirements are triggered.



## Reporting and Notification Requirements

- ❖ Within 7 business days of receipt of test results, schools must email all results to IDPH at DPH.LeadH2O@illinois.gov.
- ❖ If all sample results are less than 5 ppb, schools may use their website (at minimum) to notify parents of the results.
- If any of the sample results exceed 5 ppb, schools must notify parents in writing or electronically, and include:
  - The location and source exceeding 5 ppb, and
  - The USEPA website for information about lead in drinking water: https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water.

Parents should be advised to contact their health care provider with any concerns about their child's health, including blood tests for lead exposure.

# Next Steps

Test results will likely generate questions from parents, guardians, and the public about steps the school is taking to address lead in water.

Removing fixtures from use may not be an immediate option. Establishment of a water management plan, including identification of lead-containing plumbing, scheduled flushing, fixture replacement, and monitoring is the best course of action for schools addressing positive lead test results.

Additional guidance for interim (short-term) and permanent lead control measures is provided in the USEPA 3Ts for Reducing Lead in Drinking Water in Schools. This document can be found at:

www.epa.gov/sites/production/files/201509/documents/toolkit\_leadscho ols\_guide\_3ts\_leadschools.pdf





The Illinois Department of Public Health supports the efforts of Illinois Section AWWA to educate schools about lead testing. For additional information see dph.illinois.gov.

ISBE ID:	190220880160001
Building ID:	
Building Description:	Addison Trail High School
Sample Collection Date:	9/20/2017
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
4:18 AM	AWF-1A	Outside 183	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:19 AM	AWF-1B	Outside 183	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:24 AM	AWF-2A	Outside 181	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:26 AM	AWF-2B	Outside 181	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:25 AM	AWF-3A	Outside 181	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:26 AM	AWF-3B	Outside 181	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:27 AM	ABF-3C	Outside 181	O - Other	9/19/2017	6:00 PM	First Draw	250	bottle fill
4:30 AM	AWF-4A	East Gym	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:31 AM	AWF-4B	East Gym	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:34 AM	AWF-5A	Outside main gym	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:35 AM	AWF-5B	Outside main gym	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:39 AM	AWF-6A	Mens lockeroom	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:39 AM	AWF-6B	Mens lockeroom	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:41 AM	AWF-7A	Womens lockeroom	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:42 AM	AWF-7B	Womens lockeroom	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:44 AM	AWF-8A	Outside bathrooms 1-11	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:45 AM	AWF-8B	Outside bathrooms 1-11	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:44 AM	AWF-9A	Outside bathrooms 1-11	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:45 AM	AWF-9B	Outside bathrooms 1-11	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:46 AM	ABF-9C	Outside bathrooms 1-11	O - Other	9/19/2017	6:00 PM	First Draw	250	bottle fill
4:50 AM	AWF-10A	Field house north	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:51 AM	AWF-10B	Field house north	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:52 AM	AWF-11A	Field house south	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	Revision a

Appendix II - COC 1

ISBE ID:	190220880160001					
Building ID:						
Building Description:	Addison Trail High School					
Sample Collection Date:	9/20/2017					
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
4:53 AM	AWF-11B	Field house south	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:56 AM	AWF-12A	Outside 187	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:57 AM	AWF-12B	Outside 187	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:58 AM	AWF-13A	Outside art room east	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:59 AM	AWF-13B	Outside art room east	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:58 AM	AWF-14A	Outside art room west	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:59 AM	AWF-14B	Outside art room west	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:03 AM	AWF-15A	Auditorium	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:05 AM	AWF-15B	Auditorium	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:03 AM	AWF-16A	Auditorium	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:05 AM	AWF-16B	Auditorium	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:04 AM	AWF-17A	Auditorium	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:06 AM	AWF-17B	Auditorium	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:04 AM	AWF-18A	Auditorium	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:06 AM	AWF-18B	Auditorium	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:08 AM	AWF-19A	Outside 100	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:09 AM	AWF-19B	Outside 100	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:08 AM	AWF-20A	Outside 100	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:09 AM	AWF-20B	Outside 100	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:12 AM	AWF-21A	Outside 108	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:13 AM	AWF-21B	Outside 108	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:12 AM	AWF-22A	Outside 108	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	

ISBE ID:	190220880160001					
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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
5:13 AM	AWF-22B	Outside 108	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:14 AM	ABF-22C	Outside 108	O - Other	9/19/2017	6:00 PM	First Draw	250	bottle fill
5:18 AM	AWF-23A	Outside 143	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:19 AM	AWF-23B	Outside 143	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:18 AM	AWF-24A	Outside 143	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:19 AM	AWF-24B	Outside 143	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:19 AM	ABF-24C	Outside 143	O - Other	9/19/2017	6:00 PM	First Draw	250	bottle fill
5:20 AM	AWF-25A	Cafeteria	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:21 AM	AWF-25B	Cafeteria	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:20 AM	AWF-26A	Cafeteria	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:22 AM	AWF-26B	Cafeteria	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:22 AM	ABF-26C	Cafeteria	O - Other	9/19/2017	6:00 PM	First Draw	250	bottle fill
5:25 AM	AWF-27A	Room 162	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:26 AM	AWF-27B	Room 162	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:27 AM	AIM-28A	Kitchen	IM - Ice Machine	9/19/2017	6:00 PM	First Draw	250	
5:36 AM	AKS-29A	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	First Draw	250	
5:36 AM	AKS-29B	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	Flush	250	
5:39 AM	AKS-30A	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	First Draw	250	
5:39 AM	AKS-30B	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	Flush	250	
5:40 AM	AKS-31A	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	First Draw	250	
5:40 AM	AKS-31B	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	Flush	250	
5:41 AM	AKS-32A	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	First Draw	250	

ISBE ID:	190220880160001					
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Sample Collection Date:	9/20/2017					
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
5:41 AM	AKS-32B	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	Flush	250	
5:42 AM	AKS-33A	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	First Draw	250	
5:43 AM	AKS-33B	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	Flush	250	
5:47 AM	AKS-34A	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	First Draw	250	
5:48 AM	AKS-34B	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	Flush	250	
5:50 AM	AKS-35A	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	First Draw	250	
5:51 AM	AKS-35B	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	Flush	250	
5:52 AM	AKS-36A	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	First Draw	250	
5:53 AM	AKS-36B	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	Flush	250	
5:54 AM	AKS-37A	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	First Draw	250	
5:54 AM	AKS-37B	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	Flush	250	
5:56 AM	AKS-38A	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	First Draw	250	
5:57 AM	AKS-38B	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	Flush	250	
5:58 AM	AKS-39A	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	First Draw	250	
5:58 AM	AKS-39B	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	Flush	250	
5:59 AM	AKS-40A	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	First Draw	250	
6:00 AM	AKS-40B	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	Flush	250	
6:01 AM	AKS-41A	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	First Draw	250	
6:02 AM	AKS-41B	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	Flush	250	
6:02 AM	AKS-42A	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	First Draw	250	
6:03 AM	AKS-42B	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	Flush	250	
6:07 AM	AIM-43A	Kitchen	IM - Ice Machine	9/19/2017	6:00 PM	First Draw	250	

Appendix II - COC 1

Aires Consulting - Gallagher Bassett Project Number: 17-18305

ISBE ID:	190220880160001					
Building ID:						
Building Description:	Addison Trail High School					
Sample Collection Date:	9/20/2017					
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
6:10 AM	AKS-44A	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	First Draw	250	
6:10 AM	AKS-44B	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	Flush	250	
6:11 AM	AKS-45A	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	First Draw	250	
6:11 AM	AKS-45B	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	Flush	250	
6:12 AM	AKS-46A	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	First Draw	250	
6:13 AM	AKS-46B	Kitchen	KS - Kitchen Sink	9/19/2017	6:00 PM	Flush	250	
4:20 AM	AWF-100A	Outside 307	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:20 AM	AWF-100B	Outside 307	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:21 AM	AWF-101A	Outside 307	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:21 AM	AWF-101B	Outside 307	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:31 AM	AWF-102A	Outside 314	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:31 AM	AWF-102B	Outside 314	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	

ISBE ID:	190220880160001					
Building ID:						
Building Description:	Adisson Trail High School					
Sample Collection Date:	9/20/2017					
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
4:32 AM	AWF-103A	Outside 314	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:32 AM	AWF-103B	Outside 314	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:32 AM	ABF-103C	Outside 314	O - Other	9/19/2017	6:00 PM	First Draw	250	bottle fill
4:39 AM	AWF-104A	Next to 3-1	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:39 AM	AWF-104B	Next to 3-1	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:40 AM	AWF-105A	Next to 3-1	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:40 AM	AWF-105B	Next to 3-1	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:40 AM	ABF-105C	Next to 3-1	O - Other	9/19/2017	6:00 PM	First Draw	250	bottle fill
4:47 AM	AWF-106A	Outside 244	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:47 AM	AWF-106B	Outside 244	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:48 AM	AWF-107A	Outside 244	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:48 AM	AWF-107B	Outside 244	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:48 AM	ABF-107C	Outside 244	O - Other	9/19/2017	6:00 PM	First Draw	250	bottle fill
4:52 AM	AWF-108A	Outside 218	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:52 AM	AWF-108B	Outside 218	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:53 AM	AWF-109A	Outside 218	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
4:53 AM	AWF-109B	Outside 218	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
4:53 AM	ABF-109C	Outside 218	O - Other	9/19/2017	6:00 PM	First Draw	250	bottle fill
5:00 AM	ACS-110A	Home Ec	S - Sink	9/19/2017	6:00 PM	First Draw	250	
5:00 AM	ACS-110B	Home Ec	S - Sink	9/19/2017	6:00 PM	Flush	250	
5:01 AM	ACS-111A	Home Ec	S - Sink	9/19/2017	6:00 PM	First Draw	250	

ISBE ID:	190220880160001	
Building ID:		
Building Description:	Adisson Trail High School	
Sample Collection Date:	9/20/2017	
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
5:01 AM	ACS-111B	Home Ec	S - Sink	9/19/2017	6:00 PM	Flush	250	
5:02 AM	ACS-112A	Home Ec	S - Sink	9/19/2017	6:00 PM	First Draw	250	
5:02 AM	ACS-112B	Home Ec	S - Sink	9/19/2017	6:00 PM	Flush	250	
5:03 AM	ACS-113A	Home Ec	S - Sink	9/19/2017	6:00 PM	First Draw	250	
5:03 AM	ACS-113B	Home Ec	S - Sink	9/19/2017	6:00 PM	Flush	250	
5:04 AM	ACS-114A	Home Ec	S - Sink	9/19/2017	6:00 PM	First Draw	250	
5:04 AM	ACS-114B	Home Ec	S - Sink	9/19/2017	6:00 PM	Flush	250	
5:05 AM	ACS-115A	Home Ec	S - Sink	9/19/2017	6:00 PM	First Draw	250	
5:05 AM	ACS-115B	Home Ec	S - Sink	9/19/2017	6:00 PM	Flush	250	
5:06 AM	ACS-116A	Home Ec	S - Sink	9/19/2017	6:00 PM	First Draw	250	
5:06 AM	ACS-116B	Home Ec	S - Sink	9/19/2017	6:00 PM	Flush	250	
5:07 AM	ACS-117A	Home Ec	S - Sink	9/19/2017	6:00 PM	First Draw	250	
5:07 AM	ACS-117B	Home Ec	S - Sink	9/19/2017	6:00 PM	Flush	250	
5:15 AM	AWF-118A	Outside 204	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:15 AM	AWF-118B	Outside 204	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:16 AM	AWF-119A	Outside 204	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:16 AM	AWF-119B	Outside 204	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:24 AM	AWF-120A	South upper gym	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:24 AM	AWF-120B	South upper gym	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:29 AM	AWF-121A	Outside 275	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:29 AM	AWF-121B	Outside 275	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	

ISBE ID:	190220880160001	
Building ID:		
Building Description:	Adisson Trail High School	
Sample Collection Date:	9/20/2017	
Collected by:	Dan Petras	

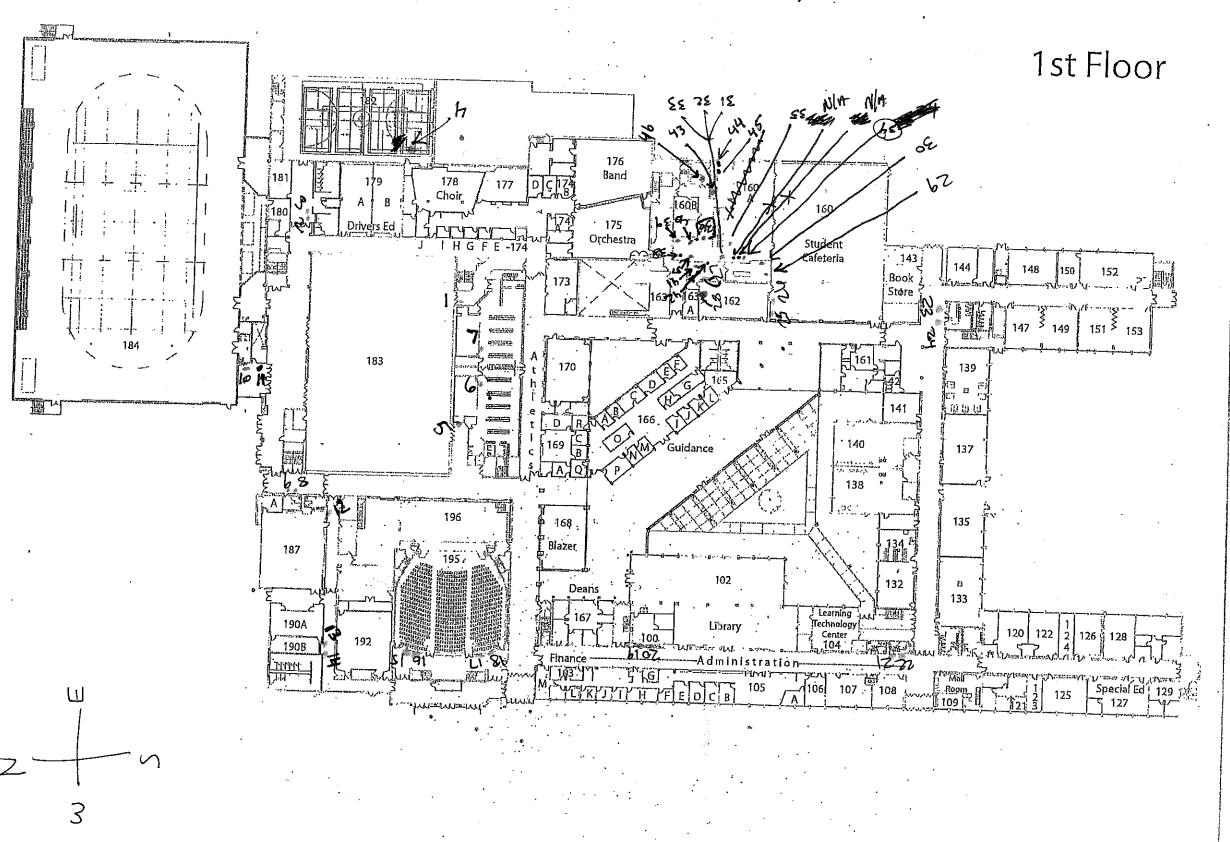
Sample Time (12 HR Clock)	Sample ID Number	Sample Location Description	Fixture Type	Date of Last Use	Time of Last Use (12 HR Clock)	Sample Type	Sample Volume (mL)	Notes
5:44 AM	AWF-122A	Outside 044	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:44 AM	AWF-122B	Outside 044	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:46 AM	AWF-123A	Outside 0-2	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:46 AM	AWF-123B	Outside 0-2	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:50 AM	AWF-124A	Fitness room	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:50 AM	AWF-124B	Fitness room	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:51 AM	AWF-125A	Outside 0-6	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
5:51 AM	AWF-125B	Outside 0-6	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
5:55 AM	AIM-126A	Trainers room	IM - Ice Machine	9/19/2017	6:00 PM	First Draw	250	
6:02 AM	AWF-127A	Wood shop	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
6:02 AM	AWF-127B	Wood shop	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
6:03 AM	ACS-128A	Wood shop	S - Sink	9/19/2017	6:00 PM	First Draw	250	
6:03 AM	ACS-128B	Wood shop	S - Sink	9/19/2017	6:00 PM	Flush	250	
6:03 AM	ACS-128C	Wood shop	S - Sink	9/19/2017	6:00 PM	First Draw	250	
6:09 AM	AWF-129A	Outside 027	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
6:09 AM	AWF-129B	Outside 027	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
6:16 AM	ACS-130A	вза	S - Sink	9/19/2017	6:00 PM	First Draw	250	
6:16 AM	ACS-130B	вза	S - Sink	9/19/2017	6:00 PM	Flush	250	
6:20 AM	ACS-131A	Back resource room	S - Sink	9/19/2017	6:00 PM	First Draw	250	
6:20 AM	ACS-131B	Back resource room	S - Sink	9/19/2017	6:00 PM	Flush	250	
6:25 AM	AWF-132A	Mechanical	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	

SBE ID:	190220880160001					
Building ID:						
Building Description:	Adisson Trail High School					
Sample Collection Date:	9/20/2017					
Collected by:	Dan Petras					

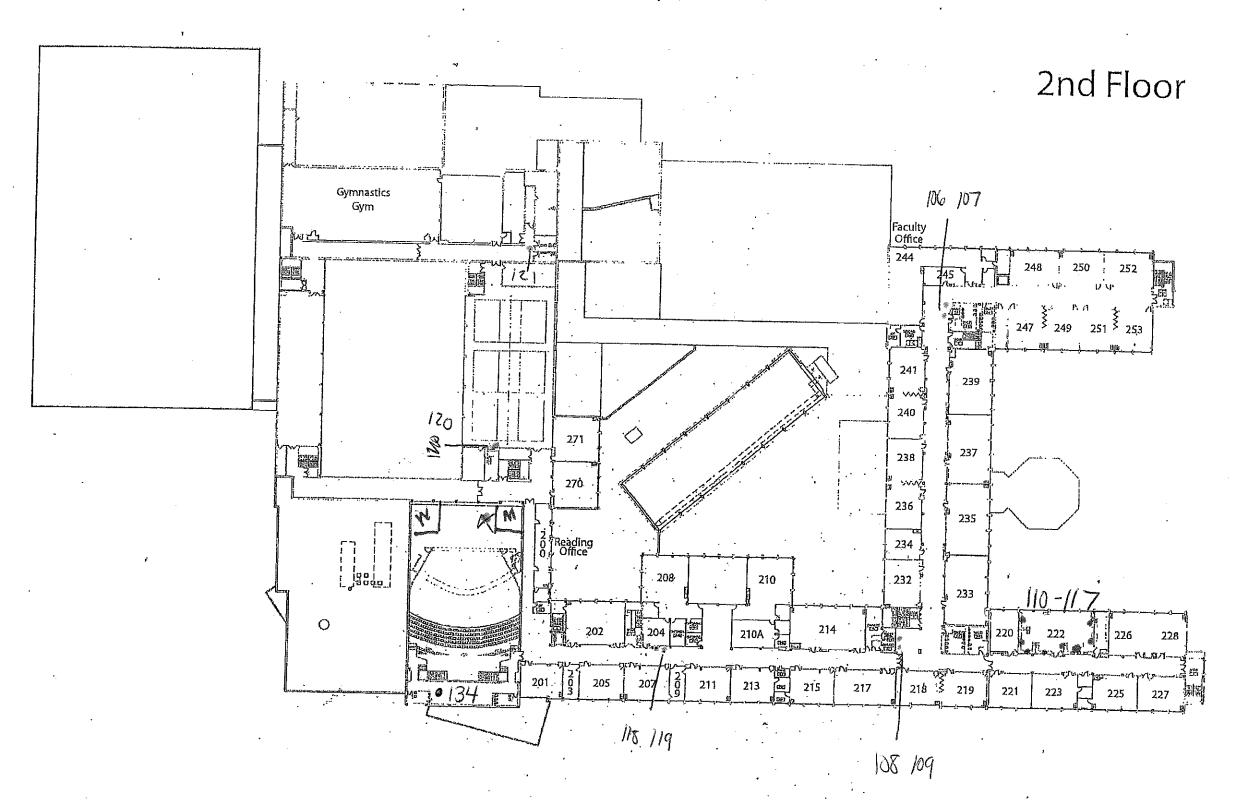
Sample Time (12 HR Clock)	Sample ID Number	Sample Location  Description	Fixture Type	Date of Last Use	Time of Last Use (12 HR Clock)	Sample Type	Sample Volume (mL)	Notes
6:25 AM	AWF-132B	Mechanical	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
6:40 AM	AWF-134A	Auditorium back hall	WF - Water Cooler	9/19/2017	6:00 PM	First Draw	250	
6:40 AM	AWF-134B	Auditorium back hall	WF - Water Cooler	9/19/2017	6:00 PM	Flush	250	
6:30 AM	AIF-133	Mechanical	O - Other	9/19/2017	6:00 PM	Flush	1000	pH = 8.39

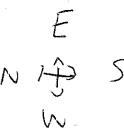
## Addison Trail High School

## LEAD TESTED FOUNTAINS, SINKS & ICE MACHINES



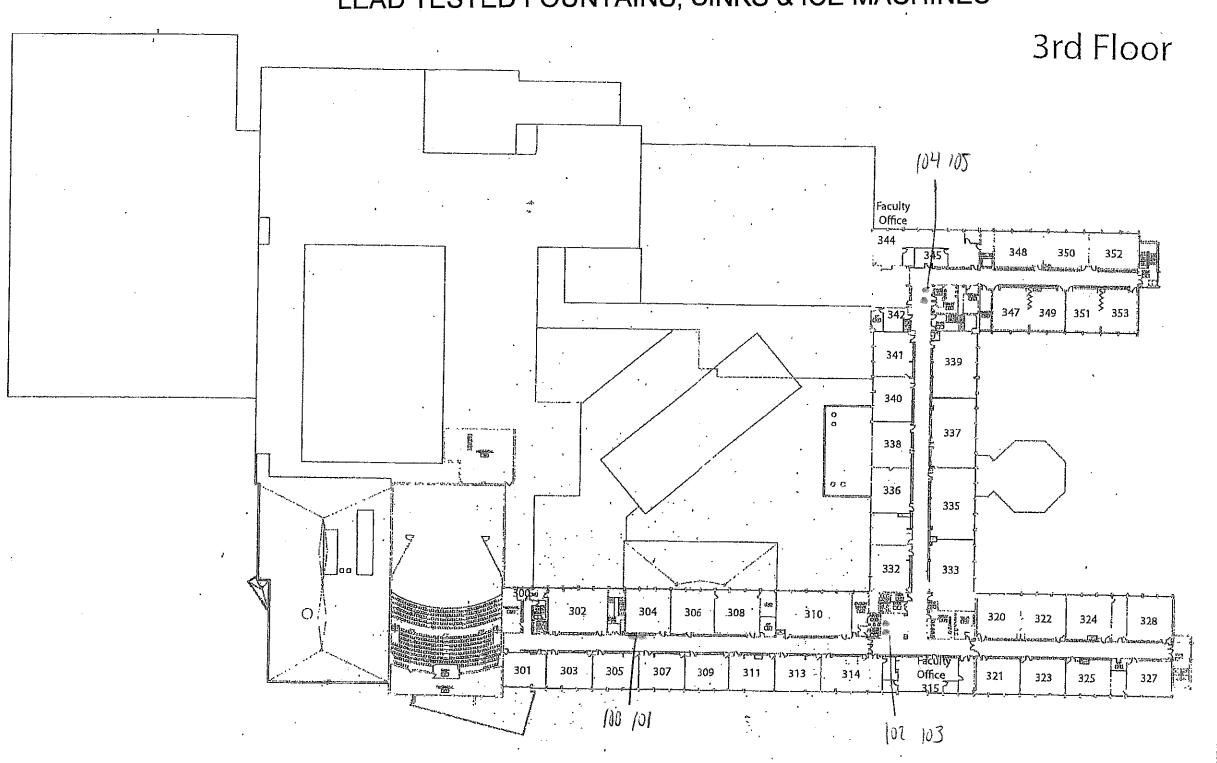
### LEAD TESTED FOUNTAINS, SINKS & ICE MACHINES

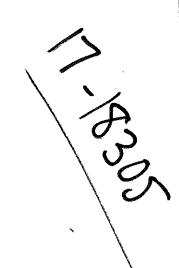




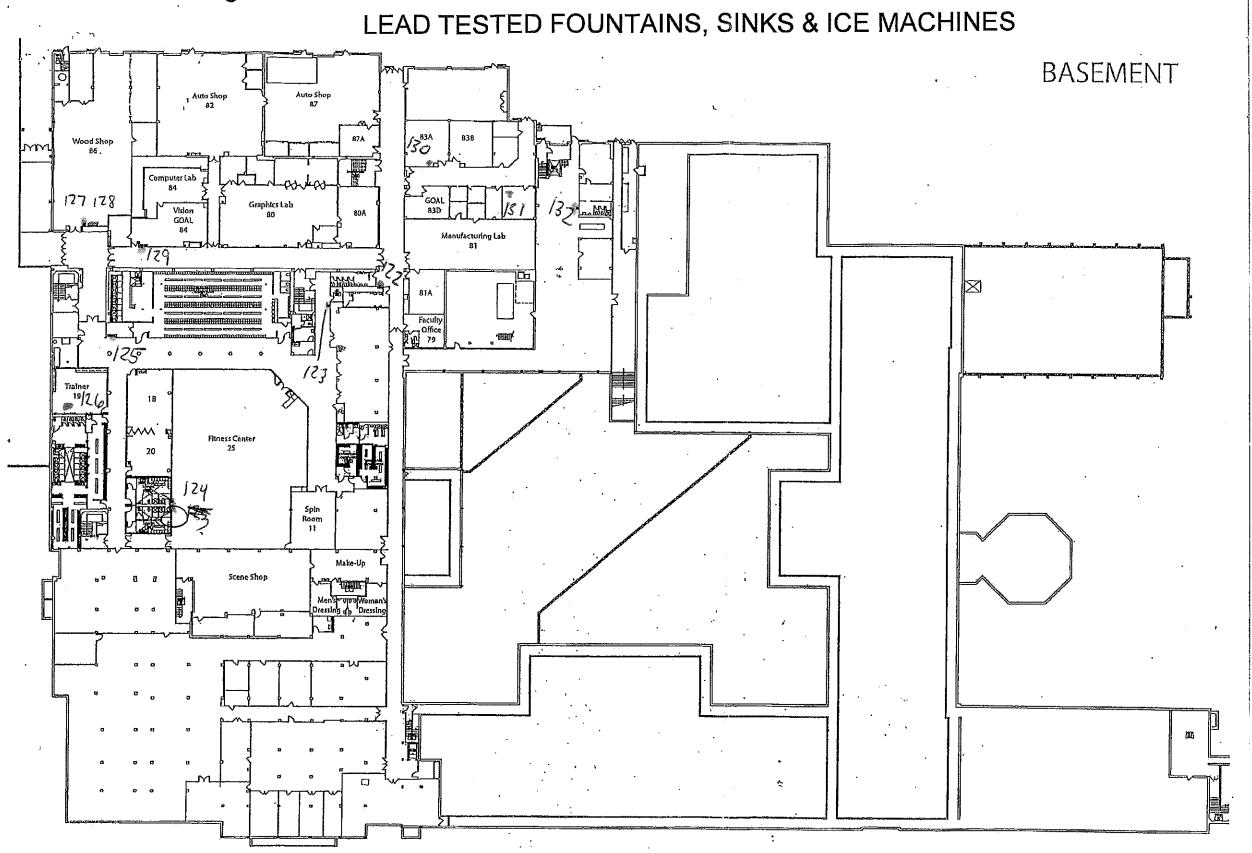
## Addison Trail High School

## LEAD TESTED FOUNTAINS, SINKS & ICE MACHINES





## Addison Trail High School





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: DuPage HS 88/ Adisson Trails High School

PAS WO: 17I0593

Prairie Analytical Systems, Inc. received 168 sample(s) on 9/21/2017 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,

(hrota)

Christina E. Pierce

Project Manager

Certifications: NELAP/NELAC - IL #100323

EPA200.8

Method

**KSH** 

Analyst

\*Lead

Analyses

Date: 10/10/2017

10/5/17 16:34

**Date Analyzed** 

10/5/17 11:57

**Date Prepared** 

### LABORATORY RESULTS

**Client:** Aires Consulting Group

Lab Order: 17I0593 **Project:** DuPage HS 88/ Adisson Trails High School

Lab ID: 17I0593-01 **Client Sample ID:** AWF-1A **Collection Date:** Matrix: Drinking Water 9/20/17 4:18

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS U 1

 $\mu g/L$ 

**Client Sample ID:** Lab ID: 17I0593-02 AWF-1B

2.00

**Collection Date:** Matrix: Drinking Water 9/20/17 4:19

DF Date Prepared Analyses Result Limit Qual Units Date Analyzed Method Analyst Metals by ICP-MS U 2.00 10/5/17 11:57 10/5/17 16:54 KSH \*Lead μg/L 1 EPA200.8

Lab ID: 17I0593-03 **Client Sample ID:** AWF-2A

Limit

Result

**Collection Date:** Matrix: Drinking Water 9/20/17 4:24

Qual

Metals by ICP-MS \*Lead U 2.00 10/5/17 11:57 10/5/17 16:57 EPA200.8 KSH μg/L 1

Units

DF

Lab ID: 17I0593-04 **Client Sample ID:** AWF-2B

Matrix: Drinking Water **Collection Date:** 9/20/17 4:26

Result DF Limit Qual Units **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 11:57 10/5/17 17:00 EPA200.8 KSH

Lab ID: 17I0593-05 **Client Sample ID:** AWF-3A

**Collection Date:** Matrix: Drinking Water 9/20/17 4:25

Analyses Result Limit Qual Units DF **Date Prepared** Date Analyzed Method Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 11:57 10/5/17 17:03 EPA200.8 **KSH** 

**Client Sample ID:** AWF-3B Lab ID: 17I0593-06

**Collection Date:** Matrix: Drinking Water 9/20/17 4:26

Analyses Result Limit Qual Units DF **Date Prepared** Date Analyzed Method Analyst Metals by ICP-MS U \*Lead 2.00 μg/L 10/5/17 11:57 10/5/17 17:06 EPA200.8 KSH

**Client Sample ID:** ABF-3C Lab ID: 17I0593-07

**Collection Date:** Matrix: Drinking Water 9/20/17 4:27

DF Result Limit Qual Units **Date Prepared Date Analyzed** Method Analyst Analyses Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 11:57 10/5/17 17:09 EPA200.8 KSH

Method

Analyst

Analyses

**Date:** 10/10/2017

### LABORATORY RESULTS

**Client:** Aires Consulting Group

Project: DuPage HS 88/ Adisson Trails High School Lab Order: 17I0593

 Client Sample ID:
 AWF-4A
 Lab ID:
 1710593-08

Collection Date: 9/20/17 4:30 Matrix: Drinking Water

Qual Result Limit Units DF **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 11:57 10/5/17 17:12 EPA200.8 KSH

 Client Sample ID:
 AWF-4B

 Lab ID:
 1710593-09

Limit

Result

Collection Date: 9/20/17 4:31 Matrix: Drinking Water

 Metals by ICP-MS

 \*Lead
 U
 2.00
 μg/L
 1
 10/5/17 11:57
 10/5/17 17:14
 EPA200.8
 KSH

Units

DF

**Date Prepared** 

Date Analyzed

Qual

Client Sample ID: AWF-5A Lab ID: 17I0593-10

Collection Date: 9/20/17 4:34 Matrix: Drinking Water

DF Date Prepared Date Analyzed Analyses Result Limit Qual Units Method Analyst Metals by ICP-MS U \*Lead 2.00 μg/L 1 10/5/17 11:57 10/5/17 17:17 EPA200.8 KSH

Client Sample ID:AWF-5BLab ID:1710593-11Collection Date:9/20/17 4:35Matrix: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 10/5/17 11:57 10/5/17 17:29 EPA200.8 KSH

Client Sample ID: AWF-6A Lab ID: 1710593-12
Collection Date: 9/20/17 4:39 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 10/5/17 11:57 10/5/17 17:38 EPA200.8 KSH

Client Sample ID: AWF-6B Lab ID: 1710593-13

Collection Date: 0/2017, 4.20

Collection Date: 9/20/17 4:39 Matrix: Drinking Water

Analyses Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 11:57 10/5/17 17:40 EPA200.8 KSH

 Client Sample ID:
 AWF-7A
 Lab ID:
 1710593-14

 Collection Date:
 9/20/17 4:41
 Matrix:
 Drinking Water

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS U \*Lead 2.00 μg/L 1 10/5/17 11:57 10/5/17 17:43 EPA200.8 **KSH** 

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Method

Method

Analyst

Analyst

Analyses

Analyses

Date: 10/10/2017

**Date Prepared** 

**Date Prepared** 

**Date Analyzed** 

**Date Analyzed** 

### LABORATORY RESULTS

**Client:** Aires Consulting Group

Lab Order: 17I0593 **Project:** DuPage HS 88/ Adisson Trails High School

Lab ID: 17I0593-14 **Client Sample ID:** AWF-7A **Collection Date:** Matrix: Drinking Water 9/20/17 4:41

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst

**Client Sample ID:** AWF-7B **Lab ID:** 17I0593-15

Result

Result

**Collection Date:** 9/20/17 4:42 Matrix: Drinking Water Limit

Metals by ICP-MS \*Lead U 2.00 μg/L 1 10/5/17 11:57 10/5/17 17:46 EPA200.8 **KSH** 

Units

DF

DF

DF

Qual

Lab ID: 17I0593-16 **Client Sample ID:** AWF-8A

**Collection Date:** Matrix: Drinking Water 9/20/17 4:44

Analyses Result Limit Qual Units **Date Prepared** Date Analyzed Method Analyst Metals by ICP-MS U \*Lead 2.00  $\mu g/L$ 1 10/5/17 11:57 10/5/17 17:49 EPA200.8 KSH

**Client Sample ID:** AWF-8B Lab ID: 17I0593-17

**Collection Date:** 9/20/17 4:45 Matrix: Drinking Water Limit

Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 11:57 10/5/17 17:52 EPA200.8 KSH

Units

Qual

Lab ID: 17I0593-18 **Client Sample ID:** AWF-9A

9/20/17 4:44 **Collection Date:** Matrix: Drinking Water

DF Analyses Result Limit Qual Units **Date Prepared Date Analyzed** Method Analyst Metals by ICP-MS  $\mu g/L$ \*Lead U 2.00 1 10/5/17 11:57 10/5/17 17:55 EPA200.8 KSH

**Client Sample ID:** AWF-9B Lab ID: 17I0593-19

**Collection Date:** Matrix: Drinking Water 9/20/17 4:45

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyst Analyses Metals by ICP-MS U 2.00 1 10/5/17 11:57 **KSH** \*Lead  $\mu g/L$ 10/5/17 18:06 EPA200.8

**Client Sample ID:** Lab ID: 17I0593-20 ABF-9C

Matrix: Drinking Water **Collection Date:** 9/20/17 4:46 Result Limit Qual Units DF **Date Analyzed** Method Analyses **Date Prepared** 

Metals by ICP-MS \*Lead U 2.00 μg/L 1 10/5/17 11:57 10/5/17 18:09 EPA200.8 **KSH** 

Analyst

EPA200.8

**KSH** 

\*Lead

**Date:** 10/10/2017

10/5/17 18:18

### LABORATORY RESULTS

**Client:** Aires Consulting Group

Project: DuPage HS 88/ Adisson Trails High School Lab Order: 17I0593

U

 Client Sample ID:
 AWF-10A
 Lab ID:
 1710593-21

 Collection Date:
 9/20/17 4:50
 Matrix:
 Drinking Water

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

Metals by ICP-MS

 $\mu g/L$ 

1

10/5/17 11:58

Client Sample ID: AWF-10B Lab ID: 1710593-22

2.00

Collection Date: 9/20/17 4:51 Matrix: Drinking Water

DF Date Prepared Analyses Result Limit Qual Units **Date Analyzed** Method Analyst Metals by ICP-MS U 2.00 10/5/17 11:58 KSH \*Lead μg/L 1 10/5/17 18:26 EPA200.8

Client Sample ID: AWF-11A Lab ID: 17I0593-23

Collection Date: 9/20/17 4:52 Matrix: Drinking Water

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS \*Lead U 2.00 10/5/17 11:58 10/5/17 18:29 EPA200.8 KSH μg/L 1

Client Sample ID: AWF-11B Lab ID: 1710593-24

Collection Date: 9/20/17 4:53 Matrix: Drinking Water

DF Result Limit Qual Units **Date Prepared** Date Analyzed Method Analyses Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 11:58 10/5/17 18:32 EPA200.8 KSH

Client Sample ID: AWF-12A Lab ID: 1710593-25

Collection Date: 9/20/17 4:56 Matrix: Drinking Water

Analyses Result Limit Qual Units DF **Date Prepared** Date Analyzed Method Analyst Metals by ICP-MS U \*Lead 2.00  $\mu g/L$ 1 10/5/17 11:58 10/5/17 18:46 EPA200.8 **KSH** 

Client Sample ID: AWF-12B Lab ID: 17I0593-26

Collection Date: 9/20/17 4:57 Matrix: Drinking Water

Analyses Result Limit Qual Units DF **Date Prepared** Date Analyzed Method Analyst Metals by ICP-MS \*Lead 5.50 2.00 μg/L 10/5/17 11:58 10/5/17 18:49 EPA200.8 KSH

Client Sample ID: AWF-13A Lab ID: 17I0593-27

Collection Date: 9/20/17 4:58 Matrix: Drinking Water

DF Result Limit Qual Units **Date Prepared Date Analyzed** Method Analyst Analyses Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 11:58 10/5/17 18:52 EPA200.8 KSH

Method

EPA200.8

Analyst

**KSH** 

Analyses

\*Lead

Date: 10/10/2017

Date Analyzed

10/5/17 18:58

### LABORATORY RESULTS

**Client:** Aires Consulting Group

Project: DuPage HS 88/ Adisson Trails High School **Lab Order:** 17I0593

Result

U

**Client Sample ID:** AWF-13B Lab ID: 17I0593-28

Matrix: Drinking Water **Collection Date:** 9/20/17 4:59 Limit

Metals by ICP-MS								
*Lead	U	2.00	μg/L	1	10/5/17 11:58	10/5/17 18:55	EPA200.8	KSH

Units

DF

1

**Date Prepared** 

10/5/17 11:58

Oual

**Client Sample ID:** Lab ID: 17I0593-29 AWF-14A **Collection Date:** Matrix: Drinking Water 9/20/17 4:58

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

 $\mu g/L$ 

**Client Sample ID:** AWF-14B Lab ID: 17I0593-30

2.00

**Collection Date:** Matrix: Drinking Water 9/20/17 4:59

DF Date Prepared Analyses Result Limit Qual Units Date Analyzed Method Analyst Metals by ICP-MS U \*Lead 2.00 μg/L 1 10/5/17 11:58 10/5/17 19:01 EPA200.8 KSH

**Client Sample ID:** Lab ID: 17I0593-31 AWF-15A Matrix: Drinking Water **Collection Date:** 9/20/17 5:03

DF Analyses Result Limit Qual Units **Date Prepared Date Analyzed** Method Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 11:58 10/5/17 19:04 EPA200.8 KSH

**Client Sample ID:** AWF-15B Lab ID: 17I0593-32 **Collection Date:** 9/20/17 5:05 Matrix: Drinking Water

Analyses Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyst Metals by ICP-MS \*Lead 2.14 2.00 μg/L 1 10/5/17 11:58 10/5/17 19:12 EPA200.8 KSH

**Client Sample ID:** AWF-16A Lab ID: 17I0593-33 **Collection Date:** Matrix: Drinking Water 9/20/17 5:03

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

\*Lead 7.25 2.00  $\mu g/L$ 1 10/5/17 11:58 10/5/17 19:24 EPA200.8 KSH

Lab ID: 17I0593-34 **Client Sample ID:** AWF-16B **Collection Date:** 9/20/17 5:05 Matrix: Drinking Water

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS \*Lead 5.73 2.00 μg/L 1 10/5/17 11:58 10/5/17 19:27 EPA200.8 **KSH** 

Analyst

Method

Date: 10/10/2017

### LABORATORY RESULTS

**Client:** Aires Consulting Group

Lab Order: 17I0593 **Project:** DuPage HS 88/ Adisson Trails High School

Lab ID: 17I0593-34 **Client Sample ID:** AWF-16B **Collection Date:** Matrix: Drinking Water 9/20/17 5:05

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst

**Client Sample ID:** AWF-17A **Lab ID:** 17I0593-35 **Collection Date:** 9/20/17 5:04 Matrix: Drinking Water

Analyses Result Limit Qual Units DF **Date Prepared Date Analyzed** Method

Metals by ICP-MS \*Lead U 2.00 μg/L 1 10/5/17 11:58 10/5/17 19:29 EPA200.8 **KSH** 

Lab ID: 17I0593-36 **Client Sample ID:** AWF-17B **Collection Date:** Matrix: Drinking Water 9/20/17 5:06

DF Analyses Result Limit Qual Units **Date Prepared** Date Analyzed Method Analyst

Metals by ICP-MS U \*Lead 2.00  $\mu g/L$ 1 10/5/17 11:58 10/5/17 19:32 EPA200.8 KSH

**Client Sample ID:** AWF-18A Lab ID: 17I0593-37

**Collection Date:** 9/20/17 5:04 Matrix: Drinking Water Result Limit Qual Units DF **Date Prepared Date Analyzed** Analyses

Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 11:58 10/5/17 19:35 EPA200.8 KSH

Lab ID: 17I0593-38 **Client Sample ID:** AWF-18B

9/20/17 5:06 **Collection Date:** Matrix: Drinking Water

Analyses Result Limit Qual Units **Date Prepared Date Analyzed** Method Analyst Metals by ICP-MS  $\mu g/L$ \*Lead 2.10 2.00 1 10/5/17 11:58 10/5/17 19:38 EPA200.8 KSH

DF

**Client Sample ID:** AWF-19A Lab ID: 17I0593-39

**Collection Date:** Matrix: Drinking Water 9/20/17 5:08

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyst Analyses Metals by ICP-MS U 2.00 1 **KSH** \*Lead  $\mu g/L$ 10/5/17 11:58 10/5/17 19:41 EPA200.8

**Client Sample ID:** Lab ID: 17I0593-40 AWF-19B

Matrix: Drinking Water **Collection Date:** 9/20/17 5:09 Result Limit Qual Units DF **Date Analyzed** Analyses **Date Prepared** Method

Metals by ICP-MS \*Lead U 2.00 μg/L 1 10/5/17 11:58 10/5/17 19:44 EPA200.8 **KSH** 

Analyst

**Date:** 10/10/2017

LABORATORY RESULTS

Client:	Aires Consulting Group												
Project:	DuPage HS 88/	DuPage HS 88/ Adisson Trails High School  Lab Order: 1710593											
Client Sample ID:	AWF-20A						<b>Lab ID:</b> 17.						
<b>Collection Date:</b>	9/20/17 5:08						Matrix: Dr	inking Water					
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst			
Metals by ICP-MS													
*Lead		U	2.00		μg/L	1	10/5/17 12:00	10/5/17 20:01	EPA200.8	KSH			
Client Sample ID:	AWF-20B						<b>Lab ID:</b> 17:	I0593-42					
Collection Date:	9/20/17 5:09						Matrix: Dr	inking Water					
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst			
Metals by ICP-MS *Lead		U	2.00		μg/L	1	10/5/17 12:00	10/5/17 20:10	EPA200.8	KSH			
Client Sample ID: Collection Date:	AWF-21A 9/20/17 5:12					Lab ID: 17I0593-43  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	10/5/17 12:00	10/5/17 20:13	EPA200.8	KSH			
Client Sample ID: Collection Date:	AWF-21B 9/20/17 5:13						Lab ID: 17						
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst			
Metals by ICP-MS *Lead		U	2.00		μg/L	1	10/5/17 12:00	10/5/17 20:15	EPA200.8	KSH			
Client Sample ID: Collection Date:	AWF-22A 9/20/17 5:12						Lab ID: 17. Matrix: Dr	I0593-45 inking 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	10/5/17 12:00	10/5/17 20:18	EPA200.8	KSH			
Client Sample ID: Collection Date:	AWF-22B 9/20/17 5:13					Lab ID: 17I0593-46  Matrix: Drinking Water							
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst			
Metals by ICP-MS *Lead		2.88	2.00		μg/L	1	10/5/17 12:00	10/5/17 20:21	EPA200.8	KSH			

**Client Sample ID:** ABF-22C **Lab ID:** 17I0593-47 **Collection Date:** Matrix: Drinking Water 9/20/17 5:14

Result Limit Qual Units DF **Date Prepared** Date Analyzed Method Analyst Analyses Metals by ICP-MS 10/9/17 10:26 \*Lead 1420 20.0 10 EPA200.8 JTC  $\mu \text{g}/L$ 10/6/17 8:20

Method

Analyst

Analyses

Date: 10/10/2017

### LABORATORY RESULTS

**Client:** Aires Consulting Group

Project: DuPage HS 88/ Adisson Trails High School **Lab Order:** 17I0593

**Client Sample ID:** AWF-23A Lab ID: 17I0593-48

Matrix: Drinking Water **Collection Date:** 9/20/17 5:18

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:00 10/5/17 20:24 EPA200.8 KSH

Lab ID: 17I0593-49 **Client Sample ID:** AWF-23B

Limit

Result

**Collection Date:** Matrix: Drinking Water 9/20/17 5:19

Qual

Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:00 10/5/17 20:27 EPA200.8 **KSH** 

Units

DF

**Date Prepared** 

Date Analyzed

**Client Sample ID:** AWF-24A Lab ID: 17I0593-50

Matrix: Drinking Water **Collection Date:** 9/20/17 5:18

DF Date Prepared Date Analyzed Analyses Result Limit Qual Units Method Analyst Metals by ICP-MS U \*Lead 2.00 μg/L 1 10/5/17 12:00 10/5/17 20:41 EPA200.8 KSH

**Client Sample ID:** Lab ID: 17I0593-51 AWF-24B Matrix: Drinking Water **Collection Date:** 9/20/17 5:19

DF Analyses Result Limit Qual Units **Date Prepared Date Analyzed** Method Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:00 10/5/17 20:44 EPA200.8 KSH

**Client Sample ID:** ABF-24C Lab ID: 17I0593-52

**Collection Date:** 9/20/17 5:19 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 10/5/17 12:00 10/5/17 20:47 EPA200.8 KSH

**Client Sample ID:** AWF-25A Lab ID: 17I0593-53

**Collection Date:** Matrix: Drinking Water 9/20/17 5:20

Analyses Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:00 10/5/17 20:56 EPA200.8 KSH

Lab ID: 17I0593-54 **Client Sample ID:** AWF-25B **Collection Date:** 9/20/17 5:21 Matrix: Drinking Water

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS U \*Lead 2.00 μg/L 1 10/5/17 12:00 10/5/17 20:58 EPA200.8 **KSH** 

Date: 10/10/2017

LABORATORY RESULTS

**Client:** Aires Consulting Group

Lab Order: 17I0593 **Project:** DuPage HS 88/ Adisson Trails High School

Lab ID: 17I0593-54 **Client Sample ID:** AWF-25B

**Collection Date:** Matrix: Drinking Water 9/20/17 5:21 Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst **Client Sample ID:** AWF-26A Lab ID: 17I0593-55 **Collection Date:** 9/20/17 5:20 Matrix: Drinking Water Analyses Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyst Metals by ICP-MS 10/5/17 21:01 \*Lead U 2.00 μg/L 1 10/5/17 12:00 EPA200.8 **KSH** 

Lab ID: 17I0593-56 **Client Sample ID:** AWF-26B **Collection Date:** Matrix: Drinking Water 9/20/17 5:22

DF Analyses Result Limit Qual Units **Date Prepared** Date Analyzed Method Analyst Metals by ICP-MS U \*Lead 2.00  $\mu g/L$ 1 10/5/17 12:00 10/5/17 21:04 EPA200.8 KSH

**Client Sample ID:** ABF-26C Lab ID: 17I0593-57 **Collection Date:** 9/20/17 5:22 Matrix: Drinking Water

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyst Analyses Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:00 10/5/17 21:07 EPA200.8 KSH

Lab ID: 17I0593-58 **Client Sample ID:** AWF-27A **Collection Date:** Matrix: Drinking Water 9/20/17 5:25

Analyses Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyst Metals by ICP-MS  $\mu g/L$ \*Lead U 2.00 1 10/5/17 12:00 10/5/17 21:19 EPA200.8 KSH

**Client Sample ID:** AWF-27B Lab ID: 17I0593-59

Matrix: Drinking Water **Collection Date:** 9/20/17 5:26

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyst Analyses Metals by ICP-MS U 2.00 1 **KSH** \*Lead  $\mu g/L$ 10/5/17 12:00 10/5/17 21:21 EPA200.8

**Client Sample ID:** Lab ID: 17I0593-60 AIM-28A Matrix: Drinking Water **Collection Date:** 9/20/17 5:27

Result Limit Qual Units DF **Date Analyzed** Analyses **Date Prepared** Method Analyst Metals by ICP-MS \*Lead U 2.00 μg/L 1 10/5/17 12:00 10/5/17 21:24 EPA200.8 **KSH** 

EPA200.8

Method

**KSH** 

\*Lead

Date: 10/10/2017

10/5/17 21:27

10/5/17 12:00

### LABORATORY RESULTS

**Client:** Aires Consulting Group

Lab Order: 17I0593 **Project:** DuPage HS 88/ Adisson Trails High School

Lab ID: 17I0593-61 **Client Sample ID:** AKS-29A **Collection Date:** Matrix: Drinking Water 9/20/17 5:36

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS 3.95 1

 $\mu g/L$ 

Units

DF

DF

**Client Sample ID:** Lab ID: 17I0593-62 AKS-29B

Result

2.00

**Collection Date:** Matrix: Drinking Water 9/20/17 5:36

Limit

Date Prepared Analyses Date Analyzed Analyst Metals by ICP-MS U 2.00 10/5/17 12:01 KSH \*Lead μg/L 1 10/5/17 21:36 EPA200.8

Qual

Lab ID: 17I0593-63 **Client Sample ID:** AKS-30A

**Collection Date:** Matrix: Drinking Water 9/20/17 5:39

Result Limit Qual Units **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS 10/5/17 12:01 EPA200.8 KSH \*Lead 3.97 2.00 μg/L 1 10/5/17 21:44

Lab ID: 17I0593-64 **Client Sample ID:** AKS-30B Matrix: Drinking Water **Collection Date:** 9/20/17 5:39

DF Result Limit Qual Units **Date Prepared Date Analyzed** 

Method Analyses Analyst Metals by ICP-MS \*Lead 6.59 2.00  $\mu g/L$ 1 10/5/17 12:01 10/5/17 21:56 EPA200.8 KSH

**Lab ID:** 17I0593-65 **Client Sample ID:** AKS-31A

**Collection Date:** Matrix: Drinking Water 9/20/17 5:40

Result Limit Qual Units DF **Date Prepared** Date Analyzed Method Analyses Analyst Metals by ICP-MS 10/5/17 21:59 \*Lead 4.85 2.00  $\mu g/L$ 1 10/5/17 12:01 EPA200.8 **KSH** 

**Client Sample ID:** AKS-31B Lab ID: 17I0593-66

**Collection Date:** Matrix: Drinking Water 9/20/17 5:40

Analyses Result Limit Qual Units DF **Date Prepared** Date Analyzed Method Analyst Metals by ICP-MS U \*Lead 2.00 μg/L 10/5/17 12:01 10/5/17 22:02 EPA200.8 KSH

**Client Sample ID:** Lab ID: 17I0593-67 AKS-32A

**Collection Date:** Matrix: Drinking Water 9/20/17 5:41

DF Result Limit Qual Units **Date Prepared Date Analyzed** Method Analyst Analyses Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:01 10/5/17 22:05 EPA200.8 KSH

Date: 10/10/2017

#### LABORATORY RESULTS

**Client:** Aires Consulting Group

Project: DuPage HS 88/ Adisson Trails High School Lab Order: 17I0593

**Client Sample ID:** AKS-32B Lab ID: 17I0593-68

Matrix: Drinking Water **Collection Date:** 9/20/17 5:41

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS *Lead	U	2.00		μg/L	1	10/5/17 12:01	10/5/17 22:07	EPA200.8	KSH

**Client Sample ID:** Lab ID: 17I0593-69 AKS-33A **Collection Date:** Matrix: Drinking Water 9/20/17 5:42

Analyses Result Limit Qual Units DF **Date Prepared** Date Analyzed Method Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:01 10/5/17 22:10 EPA200.8 **KSH** 

**Client Sample ID:** AKS-33B Lab ID: 17I0593-70

**Collection Date:** Matrix: Drinking Water 9/20/17 5:43

DF Date Prepared Analyses Result Limit Qual Units Date Analyzed Method Analyst Metals by ICP-MS U \*Lead 2.00 μg/L 1 10/5/17 12:01 10/5/17 22:13 EPA200.8 KSH

Lab ID: 17I0593-71 **Client Sample ID:** AKS-34A Matrix: Drinking Water **Collection Date:** 9/20/17 5:47

DF Analyses Result Limit Qual Units **Date Prepared Date Analyzed** Method Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:01 10/5/17 22:16 EPA200.8 KSH

**Client Sample ID:** AKS-34B Lab ID: 17I0593-72

**Collection Date:** 9/20/17 5:48 Matrix: Drinking Water Analyses Result Limit Qual Units DF **Date Prepared Date Analyzed** 

Metals by ICP-MS \*Lead U 2.00 μg/L 1 10/5/17 12:01 10/5/17 22:19 EPA200.8 KSH

**Client Sample ID:** AKS-35A Lab ID: 17I0593-73 **Collection Date:** Matrix: Drinking Water 9/20/17 5:50

Analyses Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:01 10/5/17 22:39 EPA200.8 KSH

Lab ID: 17I0593-74 **Client Sample ID:** AKS-35B **Collection Date:** 9/20/17 5:51 Matrix: Drinking Water

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS U \*Lead 2.00 μg/L 1 10/5/17 12:01 10/5/17 22:42 EPA200.8 **KSH** 

Method

Analyst

Date: 10/10/2017

#### LABORATORY RESULTS

**Client:** Aires Consulting Group

Lab Order: 17I0593 **Project:** DuPage HS 88/ Adisson Trails High School

Lab ID: 17I0593-74 **Client Sample ID:** AKS-35B

**Collection Date:** Matrix: Drinking Water 9/20/17 5:51 Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst **Client Sample ID:** AKS-36A Lab ID: 17I0593-75 **Collection Date:** 9/20/17 5:52 Matrix: Drinking Water Analyses Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyst Metals by ICP-MS 10/5/17 12:01 \*Lead U 2.00 μg/L 1 10/5/17 22:45 EPA200.8 **KSH** Lab ID: 17I0593-76 **Client Sample ID:** AKS-36B **Collection Date:** Matrix: Drinking Water 9/20/17 5:53 DF Analyses Result Limit Qual Units **Date Prepared** Date Analyzed Method Analyst Metals by ICP-MS U \*Lead 2.00  $\mu g/L$ 1 10/5/17 12:01 10/5/17 22:48 EPA200.8 KSH **Client Sample ID:** AKS-37A Lab ID: 17I0593-77 **Collection Date:** 9/20/17 5:54 Matrix: Drinking Water Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyst Analyses Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:01 10/5/17 22:50 EPA200.8 KSH Lab ID: 17I0593-78 **Client Sample ID:** AKS-37B 9/20/17 5:54 Matrix: Drinking Water Result Analyses Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyst

**Collection Date:** 

Metals by ICP-MS  $\mu g/L$ \*Lead U 2.00 1 10/5/17 12:01 10/5/17 22:53 EPA200.8 KSH

**Client Sample ID:** AKS-38A Lab ID: 17I0593-79 Matrix: Drinking Water **Collection Date:** 9/20/17 5:56

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyst Analyses Metals by ICP-MS U 2.00 1 10/5/17 12:01 **KSH** \*Lead  $\mu g/L$ 10/5/17 22:56 EPA200.8

**Client Sample ID:** Lab ID: 17I0593-80 AKS-38B Matrix: Drinking Water **Collection Date:** 9/20/17 5:57

Result Limit Qual Units DF **Date Analyzed** Analyses **Date Prepared** Method Analyst Metals by ICP-MS \*Lead U 2.00 μg/L 1 10/5/17 12:01 10/5/17 22:59 EPA200.8 **KSH** 

EPA200.8

Method

**KSH** 

Analyst

\*Lead

Analyses

Date: 10/10/2017

10/5/17 23:02

**Date Analyzed** 

#### LABORATORY RESULTS

**Client:** Aires Consulting Group

Lab Order: 17I0593 **Project:** DuPage HS 88/ Adisson Trails High School

4.98

Result

Lab ID: 17I0593-81 **Client Sample ID:** AKS-39A **Collection Date:** Matrix: Drinking Water 9/20/17 5:58

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

 $\mu g/L$ 

1

DF

DF

10/5/17 12:01

**Date Prepared** 

**Client Sample ID:** Lab ID: 17I0593-82 AKS-39B

2.00

**Collection Date:** Matrix: Drinking Water 9/20/17 5:58

DF Date Prepared Analyses Result Limit Qual Units Date Analyzed Method Analyst Metals by ICP-MS U 2.00 10/5/17 12:02 10/5/17 23:19 KSH \*Lead μg/L 1 EPA200.8

Lab ID: 17I0593-83 **Client Sample ID:** AKS-40A

Limit

**Collection Date:** Matrix: Drinking Water 9/20/17 5:59

Metals by ICP-MS \*Lead U 2.00 10/5/17 12:02 EPA200.8 KSH μg/L 1 10/5/17 23:28

Units

Qual

Lab ID: 17I0593-84 **Client Sample ID:** AKS-40B

Matrix: Drinking Water **Collection Date:** 9/20/17 6:00 Limit

Result Qual Units **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS U 2.00  $\mu g/L$ 1 10/5/17 12:02 10/5/17 23:30 EPA200.8 KSH \*Lead

Lab ID: 17I0593-85 **Client Sample ID:** AKS-41A

**Collection Date:** 9/20/17 6:01 Matrix: Drinking Water

Result Limit Qual Units DF **Date Prepared** Date Analyzed Method Analyses Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:02 10/5/17 23:33 EPA200.8 **KSH** 

**Client Sample ID:** AKS-41B Lab ID: 17I0593-86

**Collection Date:** Matrix: Drinking Water 9/20/17 6:02

Analyses Result Limit Qual Units DF **Date Prepared** Date Analyzed Method Analyst Metals by ICP-MS U \*Lead 2.00 μg/L 10/5/17 12:02 10/5/17 23:36 EPA200.8 KSH

**Client Sample ID:** Lab ID: 17I0593-87 AKS-42A

**Collection Date:** Matrix: Drinking Water 9/20/17 6:02

DF Result Limit Qual Units **Date Prepared Date Analyzed** Method Analyst Analyses Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:02 10/5/17 23:39 EPA200.8 KSH

Method

Analyst

Analyses

Date: 10/10/2017

**Date Analyzed** 

#### LABORATORY RESULTS

**Client:** Aires Consulting Group

Project: DuPage HS 88/ Adisson Trails High School Lab Order: 17I0593

Result

**Client Sample ID:** AKS-42B Lab ID: 17I0593-88

Matrix: Drinking Water **Collection Date:** 9/20/17 6:03 Limit

Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:02 10/5/17 23:50 EPA200.8 KSH

Units

DF

**Date Prepared** 

Qual

Lab ID: 17I0593-89 **Client Sample ID:** AIM-43A **Collection Date:** 9/20/17 6:07 Matrix: Drinking Water

Analyses Result Limit Qual Units DF **Date Prepared** Date Analyzed Method Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:02 10/5/17 23:53 EPA200.8 **KSH** 

**Client Sample ID:** AKS-44A Lab ID: 17I0593-90

Matrix: Drinking Water **Collection Date:** 9/20/17 6:10

DF Date Prepared Date Analyzed Analyses Result Limit Qual Units Method Analyst Metals by ICP-MS U \*Lead 2.00 μg/L 1 10/5/17 12:02 10/5/17 23:56 EPA200.8 KSH

**Client Sample ID:** Lab ID: 17I0593-91 AKS-44B Matrix: Drinking Water **Collection Date:** 9/20/17 6:10

DF Analyses Result Limit Qual Units **Date Prepared Date Analyzed** Method Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:02 10/5/17 23:59 EPA200.8 KSH

**Client Sample ID:** AKS-45A Lab ID: 17I0593-92

**Collection Date:** 9/20/17 6:11 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 10/5/17 12:02 10/6/17 0:02 EPA200.8 KSH

**Client Sample ID:** AKS-45B Lab ID: 17I0593-93 **Collection Date:** Matrix: Drinking Water 9/20/17 6:11

Analyses Result Limit Qual Units DF **Date Prepared Date Analyzed** Method

Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:02 10/6/17 0:10 EPA200.8 KSH

Lab ID: 17I0593-94 **Client Sample ID:** AKS-46A **Collection Date:** 9/20/17 6:12 Matrix: Drinking Water

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS \*Lead 2.50 2.00 μg/L 1 10/5/17 12:02 10/6/17 0:13 EPA200.8 **KSH** 

Analyst

Method

Method

Analyst

Analyses

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

LABORATORY RESULTS

**Client:** Aires Consulting Group

Lab Order: 17I0593 **Project:** DuPage HS 88/ Adisson Trails High School

Result

Result

Lab ID: 17I0593-94 **Client Sample ID:** AKS-46A **Collection Date:** Matrix: Drinking Water 9/20/17 6:12

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst

**Client Sample ID:** AKS-46B Lab ID: 17I0593-95

**Collection Date:** 9/20/17 6:13 Matrix: Drinking Water Limit

Metals by ICP-MS \*Lead U 2.00 μg/L 1 10/5/17 12:02 10/6/17 0:16 EPA200.8 **KSH** 

Units

DF

DF

**Date Prepared** 

**Date Analyzed** 

Qual

Lab ID: 17I0593-96 **Client Sample ID:** AWF-100A

**Collection Date:** Matrix: Drinking Water 9/20/17 4:20

DF Analyses Result Limit Qual Units **Date Prepared** Date Analyzed Method Analyst Metals by ICP-MS U \*Lead 2.00  $\mu g/L$ 1 10/5/17 12:02 10/6/17 0:30 EPA200.8 KSH

**Client Sample ID:** AWF-100B Lab ID: 17I0593-97

**Collection Date:** 9/20/17 4:20 Matrix: Drinking Water Limit

**Date Prepared Date Analyzed** Analyst Analyses Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:02 10/6/17 0:33 EPA200.8 KSH

Units

Qual

Lab ID: 17I0593-98 **Client Sample ID:** AWF-101A

**Collection Date:** Matrix: Drinking Water 9/20/17 4:21

Analyses Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyst Metals by ICP-MS  $\mu g/L$ \*Lead U 2.00 1 10/5/17 12:02 10/6/17 0:36 EPA200.8 KSH

**Client Sample ID:** AWF-101B Lab ID: 17I0593-99

Matrix: Drinking Water **Collection Date:** 9/20/17 4:21

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyst Analyses Metals by ICP-MS U 2.00 1 10/5/17 12:02 **KSH** \*Lead  $\mu g/L$ 10/6/17 0:39 EPA200.8

**Client Sample ID:** Lab ID: 17I0593-AA AWF-102A

Matrix: Drinking Water **Collection Date:** 9/20/17 4:31

Result Limit Qual Units DF **Date Analyzed** Method Analyses **Date Prepared** Analyst Metals by ICP-MS \*Lead U 2.00 μg/L 1 10/5/17 12:02 10/6/17 0:42 EPA200.8 **KSH** 

EPA200.8

Method

Method

**KSH** 

Analyst

\*Lead

Analyses

Date: 10/10/2017

10/6/17 0:45

**Date Analyzed** 

#### LABORATORY RESULTS

**Client:** Aires Consulting Group

Lab Order: 17I0593 **Project:** DuPage HS 88/ Adisson Trails High School

U

Result

Result

**Lab ID:** 17I0593-AB **Client Sample ID:** AWF-102B **Collection Date:** Matrix: Drinking Water 9/20/17 4:31

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

 $\mu g/L$ 

1

DF

DF

10/5/17 12:02

**Date Prepared** 

**Client Sample ID:** Lab ID: 17I0593-AC AWF-103A

2.00

Matrix: Drinking Water **Collection Date:** 9/20/17 4:32

DF Date Prepared Analyses Result Limit Qual Units **Date Analyzed** Method Analyst Metals by ICP-MS U 2.00 10/5/17 12:03 10/6/17 0:53 KSH \*Lead μg/L 1 EPA200.8

Lab ID: 17I0593-AD **Client Sample ID:** AWF-103B

Limit

**Collection Date:** Matrix: Drinking Water 9/20/17 4:32

Metals by ICP-MS \*Lead U 2.00 10/5/17 12:03 10/6/17 1:11 EPA200.8 KSH μg/L 1

Units

Qual

**Client Sample ID:** ABF-103C **Lab ID:** 17I0593-AE **Collection Date:** 

Matrix: Drinking Water 9/20/17 4:32

DF Result Limit Qual Units **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS U 2.00  $\mu g/L$ 1 10/5/17 12:03 10/6/17 1:13 EPA200.8 KSH \*Lead

**Lab ID:** 17I0593-AF **Client Sample ID:** AWF-104A

Limit

**Collection Date:** Matrix: Drinking Water 9/20/17 4:39

**Date Prepared** Date Analyzed Analyses Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:03 10/6/17 1:16 EPA200.8 **KSH** 

Units

Qual

**Client Sample ID:** AWF-104B Lab ID: 17I0593-AG

**Collection Date:** Matrix: Drinking Water 9/20/17 4:39

Analyses Result Limit Qual Units DF **Date Prepared** Date Analyzed Method Analyst Metals by ICP-MS U \*Lead 2.00 μg/L 10/5/17 12:03 10/6/17 1:19 EPA200.8 KSH

**Client Sample ID:** Lab ID: 17I0593-AH AWF-105A

**Collection Date:** Matrix: Drinking Water 9/20/17 4:40

DF Result Limit Qual Units **Date Prepared Date Analyzed** Method Analyst Analyses Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:03 10/6/17 1:22 EPA200.8 KSH

Method

Method

Method

EPA200.8

Analyst

Analyst

Analyst

KSH

Analyses

Analyses

Analyses

\*Lead

Date: 10/10/2017

**Date Analyzed** 

Date Analyzed

**Date Analyzed** 

10/6/17 1:53

#### LABORATORY RESULTS

**Client:** Aires Consulting Group

Project: DuPage HS 88/ Adisson Trails High School Lab Order: 17I0593

Result

Result

Result

U

**Client Sample ID:** AWF-105B Lab ID: 17I0593-AI

Matrix: Drinking Water **Collection Date:** 9/20/17 4:40 Limit

Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:03 10/6/17 1:25 EPA200.8 KSH

Units

Units

DF

DF

**Date Prepared** 

**Date Prepared** 

**Date Prepared** 

10/5/17 12:03

Qual

Qual

Lab ID: 17I0593-AJ **Client Sample ID:** ABF-105C

Limit

**Collection Date:** Matrix: Drinking Water 9/20/17 4:40

Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:03 10/6/17 1:28 EPA200.8 **KSH** 

**Client Sample ID:** AWF-106A **Lab ID:** 17I0593-AK

Matrix: Drinking Water **Collection Date:** 9/20/17 4:47

DF Date Prepared Analyses Result Limit Qual Units Date Analyzed Method Analyst Metals by ICP-MS U \*Lead 2.00 μg/L 1 10/5/17 12:03 10/6/17 1:31 EPA200.8 KSH

**Client Sample ID:** Lab ID: 17I0593-AL AWF-106B **Collection Date:** 

Matrix: Drinking Water 9/20/17 4:47 DF Limit

Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:03 10/6/17 1:33 EPA200.8 KSH

Units

Qual

**Client Sample ID:** AWF-107A Lab ID: 17I0593-AM

**Collection Date:** 9/20/17 4:48 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 10/5/17 12:03 10/6/17 1:45 EPA200.8 KSH

**Client Sample ID:** AWF-107B Lab ID: 17I0593-AN

**Collection Date:** Matrix: Drinking Water 9/20/17 4:48

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

 $\mu g/L$ 

1

Lab ID: 17I0593-AO **Client Sample ID:** ABF-107C

2.00

**Collection Date:** 9/20/17 4:48 Matrix: Drinking Water

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS U \*Lead 2.00 μg/L 1 10/5/17 12:03 10/6/17 1:56 EPA200.8 **KSH** 

**Date:** 10/10/2017

### LABORATORY RESULTS

**Client:** Aires Consulting Group

**Lab Order:** 17I0593 **Project:** DuPage HS 88/ Adisson Trails High School

**Lab ID:** 17I0593-AO **Client Sample ID:** ABF-107C

Matrix: Drinking Water **Collection Date:** 9/20/17 4:48

AWF-108A 9/20/17 4:52 AWF-108B 9/20/17 4:52	Result  U	Limit 2.00	Qual	Units  Units  μg/L	DF DF	Lab ID: 171 Matrix: Dri	Date Analyzed  10593-AP  inking Water  Date Analyzed	Method Method	Analyst  Analyst
9/20/17 4:52 AWF-108B			Qual			Matrix: Dri	inking Water	Method	Analyst
AWF-108B			Qual					Method	Analyst
			Qual			Date Prepared	Date Analyzed	Method	Analyst
	U	2.00		μg/L	1				
	U	2.00		μg/L	1				
					1	10/5/17 12:03	10/6/17 1:59	EPA200.8	KSH
9/20/17 4:52						<b>Lab ID:</b> 171	I0593-AQ		
						Matrix: Dri	nking Water		
	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
	U	2.00		μg/L	1	10/5/17 12:03	10/6/17 2:02	EPA200.8	KSH
AWF-109A									
9/20/17 4:53						Matrix: Dri	nking Water		
	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
	U	2.00		μg/L	1	10/5/17 12:03	10/6/17 2:05	EPA200.8	KSH
AWF-109B									
9/20/17 4:53							_		
	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
	U	2.00		μg/L	1	10/5/17 12:03	10/6/17 2:08	EPA200.8	KSH
ABF-109C						<b>Lab ID:</b> 171	[0593-AT		
9/20/17 4:53						Matrix: Dri	nking Water		
	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
	U	2.00		μg/L	1	10/5/17 12:03	10/6/17 2:11	EPA200.8	KSH
ACS-110A 9/20/17 5:00									
	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
	U	2.00		μg/L	1	10/5/17 12:03	10/6/17 2:25	EPA200.8	KSH
	AWF-109A 9/20/17 4:53 AWF-109B 9/20/17 4:53 ABF-109C 9/20/17 4:53	AWF-109A 9/20/17 4:53  Result  U  AWF-109B 9/20/17 4:53  Result  U  ABF-109C 9/20/17 4:53  Result  U  ACS-110A 9/20/17 5:00  Result	Result   Limit	Result   Limit   Qual	Result   Limit   Qual   Units	No.   No.   No.   No.   No.   No.   No.	Result   Limit   Qual   Units   DF   Date Prepared	Note   National Property   National Propert	New   Ne

**Date:** 10/10/2017

### LABORATORY RESULTS

Client:	Aires Consultin	g Group								
Project:	DuPage HS 88/	Adisson Tra	ails High S	chool			Lab Order:	17I0593		
Client Sample ID:	ACS-110B						Lab ID:	17I0593-AV		
<b>Collection Date:</b>	9/20/17 5:00						Matrix:	Drinking Water		
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS										
*Lead		U	2.00		μg/L	1	10/5/17 12:03	10/6/17 2:28	EPA200.8	KSH
Client Sample ID:	ACS-111A						Lab ID:	17I0593-AW		
<b>Collection Date:</b>	9/20/17 5:01						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	10/5/17 12:04	10/5/17 21:21	EPA200.8	JTC
Client Sample ID:	ACS-111B						Lab ID:	17I0593-AX		
Collection Date:	9/20/17 5:01						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	10/5/17 12:04	10/5/17 21:34	EPA200.8	JTC
Client Sample ID:	ACS-112A						Lab ID:	17I0593-AY		
Collection Date:	9/20/17 5:02						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	10/5/17 12:04	10/5/17 21:39	EPA200.8	JTC
Client Sample ID:	ACS-112B						Lab ID:	17I0593-AZ		
Collection Date:	9/20/17 5:02						Matrix:	Drinking Water		
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS										

Metals by ICP-MS U \*Lead 2.00 JTC  $\mu g/L$ 1 10/5/17 12:04 10/5/17 21:43 EPA200.8

Lab ID: 17I0593-BA **Client Sample ID:** ACS-113A Matrix: Drinking Water **Collection Date:** 9/20/17 5:03

DF Date Prepared Analyses Result Limit Qual Units Date Analyzed Method Analyst Metals by ICP-MS U \*Lead 2.00 10/5/17 12:04 10/5/17 21:48 EPA200.8 JTC μg/L

**Client Sample ID: Lab ID:** 17I0593-BB ACS-113B **Collection Date:** Matrix: Drinking Water 9/20/17 5:03

Result Limit Qual Units DF **Date Prepared** Date Analyzed Analyses Method Analyst Metals by ICP-MS U \*Lead 2.00  $\mu \text{g}/L$ 1 10/5/17 12:04 10/5/17 21:52 EPA200.8 JTC

Method

Method

Analyst

Analyst

Analyses

**Collection Date:** 

**Date:** 10/10/2017

**Client:** Aires Consulting Group

Project: DuPage HS 88/ Adisson Trails High School Lab Order: 17I0593

Client Sample ID: ACS-114A Lab ID: 17I0593-BC

Collection Date: 9/20/17 5:04 Matrix: Drinking Water

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS \*Lead 2.35 2.00  $\mu g/L$ 1 10/5/17 12:04 10/5/17 22:10 EPA200.8 JTC

 Client Sample ID:
 ACS-114B
 Lab ID:
 17I0593-BD

 Collection Date:
 9/20/17 5:04
 Matrix:
 Drinking Water

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

Client Sample ID: ACS-115A Lab ID: 17I0593-BE

Collection Date: 9/20/17 5:05 Matrix: Drinking Water

DF Date Prepared Analyses Result Limit Qual Units Date Analyzed Method Analyst Metals by ICP-MS U \*Lead 2.00 μg/L 1 10/5/17 12:04 10/5/17 22:18 EPA200.8 JTC

Client Sample ID: ACS-115B Lab ID: 17I0593-BF
Collection Date: 9/20/17 5:05 Matrix: Drinking Water

Collection Date: 9/20/17 5:05 Matrix: Drinking Water

Analyses Result Limit Qual Units DF Date Prepared Date Analyzed

 Metals by ICP-MS

 \*Lead
 U
 2.00
 μg/L
 1
 10/5/17 12:04
 10/5/17 22:23
 EPA200.8
 JTC

Client Sample ID: ACS-116A Lab ID: 1710593-BG

Collection Pote: 0/20/17 5 0/

Limit

Result

9/20/17 5:07

Collection Date: 9/20/17 5:06 Matrix: Drinking Water

Metals by ICP-MS

\*Lead U 2.00 μg/L 1 10/5/17 12:04 10/5/17 22:27 ΕΡΑ200.8 JTC

Units

DF

**Date Prepared** 

Matrix: Drinking Water

**Date Analyzed** 

Qual

Client Sample ID: ACS-116B Lab ID: 17I0593-BH

Collection Date: 9/20/17 5:06 Matrix: Drinking Water

Analyses Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:04 10/5/17 22:40 EPA200.8 JTC

Client Sample ID: ACS-117A Lab ID: 1710593-BI

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS U \*Lead 2.00 μg/L 1 10/5/17 12:04 10/5/17 22:45 EPA200.8 JTC

**Date:** 10/10/2017

LABORATORY RESULTS

**Client:** Aires Consulting Group

**Project:** DuPage HS 88/ Adisson Trails High School **Lab Order:** 17I0593

**Lab ID:** 17I0593-BI **Client Sample ID:** ACS-117A

**Collection Date:** 9/20/17 5:07 Matrix: Drinking Water

9/20/17 5:07						Matrix: Dr	inking Water		
	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
ACS-117B 9/20/17 5:07									
	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
			_			•			•
	U	2.00		μg/L	1	10/5/17 12:04	10/5/17 22:49	EPA200.8	JTC
AWF-118A						Lab ID: 17	I0593-BK		
9/20/17 5:15						Matrix: Dr	inking Water		
	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
	U	2.00		μg/L	1	10/5/17 12:04	10/5/17 23:07	EPA200.8	JTC
AWF-118B 9/20/17 5:15									
	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
	U	2.00		μg/L	1	10/5/17 12:04	10/5/17 23:11	EPA200.8	JTC
AWF-119A									
9/20/17 5:16							_		
	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
	U	2.00		μg/L	1	10/5/17 12:04	10/5/17 23:16	EPA200.8	JTC
AWF-119B						<b>Lab ID:</b> 17	I0593-BN		
9/20/17 5:16						<b>Matrix:</b> Dr	inking Water		
	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
	U	2.00		μg/L	1	10/5/17 12:04	10/5/17 23:20	EPA200.8	JTC
AWF-120A									
9/20/17 5:24						<b>Matrix:</b> Dr	inking Water		
	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
	U	2.00		μg/L	1	10/5/17 12:04	10/5/17 22:24	EDA 200 9	JTC
	ACS-117B 9/20/17 5:07  AWF-118A 9/20/17 5:15  AWF-118B 9/20/17 5:15  AWF-119A 9/20/17 5:16  AWF-119B 9/20/17 5:16	ACS-117B 9/20/17 5:07  Result  U  AWF-118A 9/20/17 5:15  Result  U  AWF-118B 9/20/17 5:15  Result  U  AWF-119A 9/20/17 5:16  Result  U  AWF-119B 9/20/17 5:16  Result  U  AWF-119B 9/20/17 5:16  Result  U	ACS-117B 9/20/17 5:07    Result   Limit     U   2.00   AWF-118A 9/20/17 5:15   Result   Limit     U   2.00   AWF-118B 9/20/17 5:15   Result   Limit     U   2.00   AWF-119A 9/20/17 5:16   Result   Limit     U   2.00   AWF-119B 9/20/17 5:16   Result   Limit     U   2.00   AWF-120A 9/20/17 5:24   Result   Limit     U   2.00	ACS-117B 9/20/17 5:07    Result   Limit   Qual	Result   Limit   Qual   Units	ACS-117B   Position   Position	ACS-117B   9/20/17 5:07   Result   Limit   Qual   Units   DF   Date Prepared	ACS-117B   9/20/17   5:07   Result   Limit   Qual   Units   DF   Date Prepared   Date Analyzed	ACS-117B   9/20/17   5.07   Result   Limit   Qual   Units   DF   Date Prepared   Date Analyzed   Method

EPA200.8

Method

Analyst

JTC

\*Lead

Date: 10/10/2017

10/5/17 23:29

#### LABORATORY RESULTS

**Client:** Aires Consulting Group

Lab Order: 17I0593 **Project:** DuPage HS 88/ Adisson Trails High School

U

Lab ID: 17I0593-BP **Client Sample ID:** AWF-120B **Collection Date:** Matrix: Drinking Water 9/20/17 5:24

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

 $\mu g/L$ 

1

DF

10/5/17 12:04

**Client Sample ID:** Lab ID: 17I0593-BQ AWF-121A **Collection Date:** Matrix: Drinking Water 9/20/17 5:29

2.00

DF Date Prepared Analyses Result Limit Qual Units **Date Analyzed** Method Analyst Metals by ICP-MS U 2.00 10/5/17 12:06 \*Lead μg/L 1 10/5/17 23:42 EPA200.8 JTC

AWF-121B Lab ID: 17I0593-BR **Client Sample ID:** 

**Collection Date:** Matrix: Drinking Water 9/20/17 5:29

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS \*Lead U 2.00 10/5/17 12:06 10/6/17 0:13 EPA200.8 μg/L 1 JTC

Lab ID: 17I0593-BS **Client Sample ID:** AWF-122A **Collection Date:** 

Matrix: Drinking Water 9/20/17 5:44 Limit

Qual

Result **Date Prepared** Date Analyzed Analyses Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:06 10/6/17 0:17 EPA200.8 JTC

Units

**Lab ID:** 17I0593-BT **Client Sample ID:** AWF-122B

**Collection Date:** Matrix: Drinking Water 9/20/17 5:44

Analyses Result Limit Qual Units DF **Date Prepared** Date Analyzed Method Analyst Metals by ICP-MS U \*Lead 2.00  $\mu g/L$ 1 10/5/17 12:06 10/6/17 0:22 EPA200.8 JTC

**Client Sample ID:** AWF-123A Lab ID: 17I0593-BU **Collection Date:** 

Matrix: Drinking Water 9/20/17 5:46 Date Analyzed Analyses Result Limit Qual Units DF **Date Prepared** Method Analyst

Metals by ICP-MS U \*Lead 2.00 μg/L 10/5/17 12:06 10/6/17 0:26 EPA200.8 JTC

**Client Sample ID:** Lab ID: 17I0593-BV AWF-123B **Collection Date:** Matrix: Drinking Water

9/20/17 5:46

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

\*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:06 10/6/17 0:31 EPA200.8 JTC

Method

Analyst

Analyst

Analyses

**Date:** 10/10/2017

LARO	DATODA	Y RESULTS	
LADU	NALUNI	LICOULIS	•

**Client:** Aires Consulting Group

Project: DuPage HS 88/ Adisson Trails High School Lab Order: 17I0593

Client Sample ID: AWF-124A Lab ID: 17I0593-BW

Collection Date: 9/20/17 5:50

Result Limit Qual Units DF Date Prepared Date Analyzed Method

Client Sample ID: AWF-124B Lab ID: 17I0593-BX

Limit

Result

Collection Date: 9/20/17 5:50 Matrix: Drinking Water

Qual

Units

DF

**Date Prepared** 

Date Analyzed

Client Sample ID: AWF-125A Lab ID: 17I0593-BY

Collection Date: 9/20/17 5:51 Matrix: Drinking Water

DF Date Prepared Analyses Result Limit Qual Units Date Analyzed Method Analyst Metals by ICP-MS U \*Lead 2.00 μg/L 1 10/5/17 12:06 10/6/17 0:44 EPA200.8 JTC

Client Sample ID: AWF-125B Lab ID: 1710593-BZ

Collection Date: 9/20/17 5:51 Matrix: Drinking Water

DF Analyses Result Limit Qual Units **Date Prepared Date Analyzed** Method Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:06 10/6/17 0:48 EPA200.8 JTC

Client Sample ID: AIM-126A Lab ID: 17I0593-CA

Collection Date: 9/20/17 5:55 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 10/5/17 12:06 10/6/17 1:06 EPA200.8 JTC

Client Sample ID: AWF-127A Lab ID: 1710593-CB

Collection Date: 9/20/17 6:02 Matrix: Drinking Water

Analyses Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyst Metals by ICP-MS \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:06 10/6/17 1:19 EPA200.8 JTC

Client Sample ID: AWF-127B Lab ID: 1710593-CC

Collection Date: 9/20/17 6:02 Matrix: Drinking Water

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS U \*Lead 2.00 μg/L 1 10/5/17 12:06 10/6/17 1:24 EPA200.8 JTC

Method

Analyst

Analyses

Date: 10/10/2017

LABORATORY RESULTS

**Client:** Aires Consulting Group

Lab Order: 17I0593 **Project:** DuPage HS 88/ Adisson Trails High School

Result

Lab ID: 17I0593-CC **Client Sample ID:** AWF-127B **Collection Date:** Matrix: Drinking Water 9/20/17 6:02

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst

**Client Sample ID:** ACS-128A Lab ID: 17I0593-CD

Limit

**Collection Date:** 9/20/17 6:03 Matrix: Drinking Water

Metals by ICP-MS 10/6/17 1:28 \*Lead U 2.00 μg/L 1 10/5/17 12:06 EPA200.8 JTC

Units

DF

**Date Prepared** 

**Date Analyzed** 

Qual

**Lab ID:** 17I0593-CE **Client Sample ID:** ACS-128B

**Collection Date:** Matrix: Drinking Water 9/20/17 6:03

DF Analyses Result Limit Qual Units **Date Prepared** Date Analyzed Method Analyst Metals by ICP-MS U \*Lead 2.00  $\mu \text{g}/L$ 1 10/5/17 12:06 10/6/17 1:32 EPA200.8 JTC

**Client Sample ID:** ACS-128C Lab ID: 17I0593-CF

**Collection Date:** 9/20/17 6:03 Matrix: Drinking Water

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS \*Lead 33.9 2.00  $\mu g/L$ 1 10/5/17 12:06 10/6/17 1:37 EPA200.8 JTC

Lab ID: 17I0593-CG **Client Sample ID:** AWF-129A

**Collection Date:** Matrix: Drinking Water 9/20/17 6:09 Limit

Analyses Result Qual **Date Prepared Date Analyzed** Method Analyst Metals by ICP-MS  $\mu g/L$ \*Lead U 2.00 1 10/5/17 12:06 10/6/17 1:41 EPA200.8 JTC

Units

DF

**Client Sample ID:** AWF-129B Lab ID: 17I0593-CH

**Collection Date:** Matrix: Drinking Water 9/20/17 6:09

Result Limit Qual Units DF **Date Prepared Date Analyzed** Method Analyst Analyses Metals by ICP-MS U 2.00 1 \*Lead  $\mu g/L$ 10/5/17 12:06 10/6/17 1:46 EPA200.8 JTC

**Client Sample ID:** Lab ID: 17I0593-CI ACS-130A

Matrix: Drinking Water **Collection Date:** 9/20/17 6:16 Result Limit Qual Units DF **Date Analyzed** Method Analyses **Date Prepared** Analyst

Metals by ICP-MS \*Lead U 2.00 μg/L 1 10/5/17 12:06 10/6/17 2:03 EPA200.8 JTC

EPA200.8

Method

Method

JTC

Analyst

\*Lead

Analyses

Date: 10/10/2017

10/6/17 2:08

**Date Analyzed** 

#### LABORATORY RESULTS

**Client:** Aires Consulting Group

9/20/17 6:16

Lab Order: 17I0593 **Project:** DuPage HS 88/ Adisson Trails High School

U

Result

Result

Lab ID: 17I0593-CJ **Client Sample ID:** ACS-130B **Collection Date:** Matrix: Drinking Water

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

 $\mu g/L$ 

1

DF

DF

10/5/17 12:06

**Date Prepared** 

**Client Sample ID:** Lab ID: 17I0593-CK

2.00

ACS-131A **Collection Date:** Matrix: Drinking Water 9/20/17 6:20

DF Date Prepared Analyses Result Limit Qual Units **Date Analyzed** Method Analyst Metals by ICP-MS U 2.00 10/5/17 12:07 10/6/17 2:21 \*Lead μg/L 1 EPA200.8 JTC

Lab ID: 17I0593-CL **Client Sample ID:** ACS-131B

Limit

**Collection Date:** Matrix: Drinking Water 9/20/17 6:20

Metals by ICP-MS \*Lead U 2.00 10/5/17 12:07 10/6/17 2:34 EPA200.8 μg/L 1 JTC

Units

Qual

Lab ID: 17I0593-CM **Client Sample ID:** AWF-132A

Matrix: Drinking Water **Collection Date:** 9/20/17 6:25

DF Result Limit Qual Units **Date Prepared Date Analyzed** Method Analyses Analyst Metals by ICP-MS U 2.00  $\mu g/L$ 1 10/5/17 12:07 10/6/17 2:39 EPA200.8 JTC \*Lead

Lab ID: 17I0593-CN **Client Sample ID:** AWF-132B

**Collection Date:** Matrix: Drinking Water 9/20/17 6:25

Limit

**Date Prepared** Date Analyzed Analyses Analyst Metals by ICP-MS \*Lead 3.68 2.00  $\mu g/L$ 1 10/5/17 12:07 10/6/17 2:43 EPA200.8 JTC

Units

Qual

**Client Sample ID:** AWF-134A Lab ID: 17I0593-CO

**Collection Date:** Matrix: Drinking Water 9/20/17 6:40

Analyses Result Limit Qual Units DF **Date Prepared** Date Analyzed Method Analyst Metals by ICP-MS U \*Lead 2.00 μg/L 10/5/17 12:07 10/6/17 3:05 EPA200.8 JTC

**Client Sample ID:** Lab ID: 17I0593-CP AWF-134B

**Collection Date:** Matrix: Drinking Water 9/20/17 6:40

DF Result Limit Qual Units **Date Prepared Date Analyzed** Method Analyst Analyses Metals by ICP-MS 10/6/17 3:10 \*Lead U 2.00  $\mu g/L$ 1 10/5/17 12:07 EPA200.8 JTC

**Date:** 10/10/2017

LABORATORY RESULTS

Client: Aires Consulting Group

**Lab Order:** 17I0593 **Project:** DuPage HS 88/ Adisson Trails High School

**Client Sample ID:** Lab ID: 17I0593-CQ AIF-133 **Collection Date:** Matrix: Drinking Water 9/20/17 6:30

Result Limit Qual Units DF **Date Prepared** Date Analyzed Method Analyst Analyses Metals by ICP-MS U 10/5/17 12:07 \*Lead 2.00  $\mu \text{g}/L$ 1 10/6/17 3:14 EPA200.8 JTC

**Conventional Chemistry Parameters** 

9/20/17 6:30 0.0100 pH Units 1 9/20/17 6:30 EPA150.1 pН 8.39

# LABORATORY RESULTS

**Client:** Aires Consulting Group

**Project:** DuPage HS 88/ Adisson Trails High School **Lab Order:** 17I0593

D 1		TT '	•		0/DEC		DDD		NI 4
Kesult	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
			Prepared &	Analyzed:	10/05/201				
U	2.00	$\mu g/L$							
			Prepared &	Analyzed:	10/05/201				
483	2.00	$\mu g/L$	500.00		97	85-115			
Sour	ce: 17I0593-0	1	Prepared &	Analyzed:	10/05/201				
563	2.00	μg/L	500.00	0.151	113	75-125			
Sour	ce: 17I0593-1	1	Prepared &	Analyzed:	10/05/201				
547	2.00	μg/L	500.00	0.312	109	75-125			
Source: 17I0593-01		Prepared &	Analyzed:	10/05/201					
514	2.00	$\mu g/L$	500.00	0.151	103	75-125	9	20	
Sour	ce: 17I0593-1	1	Prepared &	Analyzed:	10/05/201				
511	2.00	$\mu g/L$	500.00	0.312	102	75-125	7	20	
			Prepared &	Analyzed:	10/05/201				
U	2.00	μg/L	•						
			Prepared &	Analyzed:	10/05/201				
473	2.00	μg/L	500.00		95	85-115			
Sour	ce: 17I0593-2	21	Prepared &	Analyzed:	10/05/201				
544	2.00	μg/L	500.00	0.116	109	75-125			
	483  Sour  563  Sour  547  Sour  514  Sour  511  U  473  Sour	U 2.00  Source: 1710593-0  Source: 1710593-1  547 2.00  Source: 1710593-0  514 2.00  Source: 1710593-1  511 2.00  U 2.00  473 2.00  Source: 1710593-2	Cource: 1710593-01   Cource: 1710593-11   Cource: 1710593-11   Cource: 1710593-11   Cource: 1710593-11   Cource: 1710593-11   Cource: 1710593-11   Cource: 1710593-21   Cource	Prepared &   Prepared &	Prepared & Analyzed:   U   2.00   μg/L     Prepared & Analyzed:   U   2.00   μg/L     Prepared & Analyzed:   483   2.00   μg/L     Source: 1710593-01   Prepared & Analyzed:   563   2.00   μg/L     500.00   0.151     Source: 1710593-11   Prepared & Analyzed:   547   2.00   μg/L     500.00   0.312     Source: 1710593-01   Prepared & Analyzed:   514   2.00   μg/L     500.00   0.151     Source: 1710593-11   Prepared & Analyzed:   511   2.00   μg/L     500.00   0.312     Prepared & Analyzed:   U   2.00   μg/L     Prepared & Analyzed:   473   2.00   μg/L     Source: 1710593-21   Prepared & Analyzed:   473   2.00   μg/L     Prepared & Analyzed:   473   2.00   μg/L     Prepared & Analyzed:   474   475   475     Prepared & Analyzed:   475   476   477     Prepared & Analyzed:   476   477     Prepared & Analyzed:   477   478     Prepared & Analyzed:   478   479     Prepared & Analyzed:   479   479     Prepared & Analyzed:   470   470     470   470     470   470     470   470     470   470     470   470     470   470     470   470     470   470     470   470     470   470     470   470     470   470     470   470	Prepared & Analyzed: 10/05/201	Prepared & Analyzed: 10/05/201     U   2.00   μg/L   Prepared & Analyzed: 10/05/201     483   2.00   μg/L   500.00   97   85-115     Source: 1710593-01   Prepared & Analyzed: 10/05/201     563   2.00   μg/L   500.00   0.151   113   75-125     Source: 1710593-11   Prepared & Analyzed: 10/05/201     547   2.00   μg/L   500.00   0.312   109   75-125     Source: 1710593-01   Prepared & Analyzed: 10/05/201     514   2.00   μg/L   500.00   0.151   103   75-125     Source: 1710593-11   Prepared & Analyzed: 10/05/201     514   2.00   μg/L   500.00   0.312   102   75-125     Source: 1710593-11   Prepared & Analyzed: 10/05/201     511   2.00   μg/L   500.00   0.312   102   75-125	Prepared & Analyzed: 10/05/201	Prepared & Analyzed: 10/05/201

# LABORATORY RESULTS

**Client:** Aires Consulting Group

**Project:** DuPage HS 88/ Adisson Trails High School **Lab Order:** 17I0593

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch A006172 - EPA 200.8 Metals										
Matrix Spike (A006172-MS2)	Sour	rce: 17I0593-3	31	Prepared &	Analyzed:	10/05/201				
Lead	552	2.00	$\mu g/L$	500.00	1.94	110	75-125			
Matrix Spike Dup (A006172-MSD1)	Sour	rce: 17I0593-2	21	Prepared &	Analyzed:	10/05/201				
Lead	507	2.00	μg/L	500.00	0.116	101	75-125	7	20	
Matrix Spike Dup (A006172-MSD2)	Sour	rce: 17I0593-3	31	Prepared &	z Analyzed:	10/05/201				
Lead	516	2.00	μg/L	500.00	1.94	103	75-125	7	20	
<b>Batch A006173 - EPA 200.8 Metals</b>										
Blank (A006173-BLK1)				Prepared &	10/05/201					
Lead	U	2.00	μg/L							
LCS (A006173-BS1)				Prepared &	Analyzed:	10/05/201				
Lead	465	2.00	μg/L	500.00		93	85-115			
Matrix Spike (A006173-MS1)	Sou	rce: 1710593-4	<b>41</b>	Prepared &	Analyzed:	10/05/201				
Lead	505	2.00	μg/L	500.00	0.443	101	75-125			
Matrix Spike (A006173-MS2)	Sou	rce: 1710593-5	52	Prepared &	z Analyzed:	10/05/201				
Lead	526	2.00	μg/L	500.00	0.249	105	75-125			
Matrix Spike Dup (A006173-MSD1)	Sour	rce: 17I0593-4	41	Prepared & Analyzed: 10/05/201						
Lead	482	2.00	μg/L	500.00	0.443	96	75-125	5	20	
Matrix Spike Dup (A006173-MSD2)	Source: 17I0593-52			Prepared &	Analyzed:	10/05/201				
Lead	504	2.00	μg/L	500.00	0.249	101	75-125	4	20	

# LABORATORY RESULTS

**Client:** Aires Consulting Group

**Project:** DuPage HS 88/ Adisson Trails High School **Lab Order:** 17I0593

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch A006174 - EPA 200.8 Metals										
Blank (A006174-BLK1)				Prepared & Analyzed: 10/05/201						
Lead	U	2.00	$\mu g/L$							
LCS (A006174-BS1)				Prepared &	ኔ Analyzed:	10/05/201				
Lead	470	2.00	$\mu g/L$	500.00		94	85-115			
Matrix Spike (A006174-MS1)	Sourc	e: 17I0593-0	52	Prepared &	ኔ Analyzed:	10/05/201				
Lead	519	2.00	μg/L	500.00	0.945	104	75-125			
Matrix Spike (A006174-MS2)	Sourc	e: 17I0593-7	72	Prepared &						
Lead	562	2.00	μg/L	500.00	0.112	112	75-125			
Matrix Spike Dup (A006174-MSD1)	Source: 17I0593-62			Prepared 8	ኔ Analyzed:	10/05/201				
Lead	490	2.00	μg/L	500.00	0.945	98	75-125	6	20	
Matrix Spike Dup (A006174-MSD2)	Sourc	e: 17I0593-7	72	Prepared &	ኔ Analyzed:	10/05/201				
Lead	487	2.00	μg/L	500.00	0.112	97	75-125	14	20	
Batch A006175 - EPA 200.8 Metals										
Blank (A006175-BLK1)			_	Prepared &	t Analyzed:	10/05/201	_			
Lead	U	2.00	μg/L	·	<u> </u>					
LCS (A006175-BS1)				Prepared &	t Analyzed:	10/05/201				
Lead	468	2.00	μg/L	500.00		94	85-115			
Matrix Spike (A006175-MS1)	Source: 17I0593-82			Prepared &	λ Analyzed:	10/05/201				
Lead	532	2.00	μg/L	500.00	0.167	106	75-125			

# LABORATORY RESULTS

**Client:** Aires Consulting Group

**Project:** DuPage HS 88/ Adisson Trails High School **Lab Order:** 17I0593

	Reporting			Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
<b>Batch A006175 - EPA 200.8 Metals</b>										
Matrix Spike (A006175-MS2)	Source: 17I0593-92			Prepared: 1						
Lead	520	2.00	$\mu g/L$	500.00	1.38	104	75-125			
Matrix Spike Dup (A006175-MSD1)	Sour	ce: 17I0593-8	32	Prepared &	: Analyzed:	10/05/201				
Lead	505	2.00	μg/L	500.00	0.167	101	75-125	5	20	
Matrix Spike Dup (A006175-MSD2)	Sour	Source: 17I0593-92			Prepared: 10/05/201 Analyzed: 10/06/201					
Lead	509	2.00	μg/L	500.00	1.38	101	75-125	2	20	
<b>Batch A006176 - EPA 200.8 Metals</b>										
Blank (A006176-BLK1)				Prepared: 1	0/05/201 A	.nalyzed: 10	0/06/201			
Lead	U	2.00	μg/L	-		-				
LCS (A006176-BS1)				Prepared: 1	0/05/201 A	nalyzed: 10	0/06/201			
Lead	479	2.00	μg/L	500.00		96	85-115			
Matrix Spike (A006176-MS1)	Sour	ce: 17I0593-	AC	Prepared: 1	0/05/201 A	nalyzed: 10	0/06/201			
Lead	568	2.00	μg/L	500.00	0.184	114	75-125			
Matrix Spike (A006176-MS2)	Sour	ce: 17I0593-	AM	Prepared: 1	0/05/201 A	nalyzed: 10	0/06/201			
Lead	550	2.00	μg/L	500.00	0.0810	110	75-125			
Matrix Spike Dup (A006176-MSD1)	Sour	ce: 17I0593-	AC	Prepared: 1	0/05/201 A	.nalyzed: 10	0/06/201			
Lead	509	2.00	μg/L	500.00	0.184	102	75-125	11	20	
Matrix Spike Dup (A006176-MSD2)	Source: 17I0593-AM			Prepared: 1	0/05/201 A	.nalyzed: 10	0/06/201			
Lead	513	2.00	μg/L	500.00	0.0810	102	75-125	7	20	

# LABORATORY RESULTS

**Client:** Aires Consulting Group

**Project:** DuPage HS 88/ Adisson Trails High School **Lab Order:** 17I0593

		Reporting		Spike	Source		%REC		RPD		
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes	
Batch A006177 - EPA 200.8 Metals											
Blank (A006177-BLK1)				Prepared & Analyzed: 10/05/201							
Lead	U	2.00	$\mu g/L$								
LCS (A006177-BS1)				Prepared &	Analyzed:	10/05/201					
Lead	459	2.00	$\mu g/L$	500.00		92	85-115				
Matrix Spike (A006177-MS1)	Sour	ce: 17I0593-	AW	Prepared &	Analyzed:	10/05/201					
Lead	452	2.00	μg/L	500.00	1.73	90	75-125				
Matrix Spike (A006177-MS2)	Sour	ce: 17I0593-l	BG	Prepared &	z Analyzed:	10/05/201					
Lead	465	2.00	μg/L	500.00	1.19	93	75-125		·		
Matrix Spike Dup (A006177-MSD1)	Sour	ce: 17I0593-	AW	Prepared &	10/05/201						
Lead	458	2.00	μg/L	500.00	1.73	91	75-125	1	20		
Matrix Spike Dup (A006177-MSD2)	Sour	ce: 17I0593-l	BG	Prepared &	Analyzed:	10/05/201					
Lead	436	2.00	μg/L	500.00	1.19	87	75-125	7	20		
Batch A006178 - EPA 200.8 Metals											
Blank (A006178-BLK1)				Prepared &	z Analyzed:	10/05/201					
Lead	U	2.00	μg/L		·						
LCS (A006178-BS1)				Prepared & Analyzed: 10/05/201							
Lead	462	2.00	μg/L	500.00		92	85-115				
Matrix Spike (A006178-MS1)	Source: 17I0593-BQ			Prepared &	z Analyzed:	10/05/201					
Lead	425	2.00	μg/L	500.00	1.03	85	75-125				

# LABORATORY RESULTS

**Client:** Aires Consulting Group

DuPage HS 88/ Adisson Trails High School **Project: Lab Order:** 17I0593

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch A006178 - EPA 200.8 Metals										
Matrix Spike (A006178-MS2)	Sour	rce: 17I0593-0	CA	Prepared:	10/05/201 A	nalyzed: 10	0/06/201			
Lead	468	2.00	μg/L	500.00	0.0670	94	75-125			
Matrix Spike Dup (A006178-MSD1)	Sour	rce: 17I0593-l	BQ	Prepared:	10/05/201 A	nalyzed: 10	0/06/201			
Lead	459	2.00	μg/L	500.00	1.03	92	75-125	8	20	
Matrix Spike Dup (A006178-MSD2)	Sour	rce: 1710593-0	CA	Prepared:	10/05/201 A	nalyzed: 10	0/06/201			
Lead	461	2.00	μg/L	500.00	0.0670	92	75-125	2	20	
<b>Batch A006179 - EPA 200.8 Metals</b>										
Blank (A006179-BLK1)				Prepared:	10/05/201 A	nalyzed: 10	0/06/201			
Lead	U	2.00	μg/L			-				
LCS (A006179-BS1)				Prepared:	10/05/201 A	nalyzed: 10	0/06/201			
Lead	458	2.00	μg/L	500.00		92	85-115			
Matrix Spike (A006179-MS1)	Sour	rce: 17I0593-0	CK	Prepared:	10/05/201 A	nalvzed: 10	0/06/201			
Lead	450	2.00	μg/L	500.00	1.54	90	75-125			
Matrix Spike (A006179-MS2)	Sour	rce: 17I0594-0	)4	Prepared:	10/05/201 A	nalvzed: 10	0/06/201			
Lead	453	2.00	μg/L	500.00	0.379	91	75-125			
Matrix Spike Dup (A006179-MSD1)	Sou	rce: 1710593-0	CK	Prepared:	10/05/201 A	nalyzed: 10	0/06/201			
Lead	468	2.00	μg/L	500.00	1.54	93	75-125	4	20	
Matrix Spike Dup (A006179-MSD2)	Source: 17I0594-04			Prepared:	10/05/201 A	nalyzed: 10	0/06/201			
Lead	454	2.00	μg/L	500.00	0.379	91	75-125	0.2	20	

### LABORATORY RESULTS

**Client:** Aires Consulting Group

**Project:** DuPage HS 88/ Adisson Trails High School **Lab Order:** 17I0593

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch A006217 - EPA 200.8 Metals										
Blank (A006217-BLK1)				Prepared:	10/06/201 A	Analyzed: 10	0/09/201			
Lead	U	2.00	$\mu g/L$							
LCS (A006217-BS1)				Prepared:	10/06/201 A	Analyzed: 10	0/09/201			
Lead	459	2.00	μg/L	500.00		92	85-115			
Matrix Spike (A006217-MS1)	Sou	rce: 17I0591-1	11	Prepared:	10/06/201 A	Analyzed: 10	0/09/201			
Lead	525	2.00	μg/L	500.00	68.8	91	75-125			
Matrix Spike Dup (A006217-MSD1)	Sou	rce: 1710591-1	11	Prepared:	10/06/201 A	Analyzed: 10	0/09/201			
Lead	550	2.00	ug/L	500.00	68.8	96	75-125	5	20	

**Date:** 10/10/2017

### LABORATORY RESULTS

**Client:** Aires Consulting Group

**Project:** DuPage HS 88/ Adisson Trails High School **Lab Order:** 17I0593

#### **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

Analytical Systems, INCORPORATED

www.prairieanalytical.com

Commercial Residential Sampler Comments ☐ Residential Method of Shipmen Industrial / emperature (°C) ☐ Industrial X - Other (Specify) X - Other (Specify Reporting CCDD Revision 8 July 31, 2017 B A O RISC ODAT CALM N N On wet ice? 300 □ Yes 5 - 5035 Kit 10-0 8 3 4 QC Level Analysis and/or Method Requested S - Solid 4 - NaOH Rush urnaround Time: Standard NA - Non-Aqueous Liquid Received By 3 - HNO3 Date Required: 2 Lead in Drinking Water - IL of Sample Type GW - Ground Water Comp 2 - H2SO4 pages) for sample information ( | Samples) 8:30 800 No. of Time Matrix | Preserv Code DW - Drinking Water Aires Consulting - Gallagher Bassett 1777 Code 1-HCI Date 8 Copies: White - Client / Yellow - PAS, Inc. / Pink - Sampler Adisson Trails High School Time Analysis requested: Lead in Drinking Water 1550 Hubbard Ave Batavia, IL 60510 Dupage HS 88 630.879.3006 Geoff Bacci II A - Aqueous 0 - None 17-18305 Date No. of containers per sample: ed By Unless otherwise noted: See attached Addendum ( Preservative Code: 0 Sample Type: Grab PAS COC - Aires Sample Description Matrix Code: DW Project Name / Numbe Preservative Code City, State, Zip Code Matrix Code Phone / Facsimile P.O. # or Invoice Project Location Contact Person Address Client Page 36 of 45

Aires Consulting - Gallagher Bassett Project Number:  $17 \cdot |\mathbb{C}3^{3} \cdot \mathbb{S}|$ 

190220880160001

9/20/2017

Dan Petras

Addison Trail High School

Building Description: Sample Collection Date:

ISBE ID: Building ID: Collected by:

1000

		_								_	_	_		-	_				_	Appe	-			40 L
Notes							bottle fill													bottle fill				Revision B July 31, 2017
Sample Volume (mL)	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	
Sample Type	First Draw	Flush	First Draw	Flush	First Draw	Flush	First Draw	First Draw	Flush	First Draw	Flush	First Draw	Flush	First Draw	First Draw	Flush	First Draw							
Time of Last Use (12 HR Clock)	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM						
Date of Last Use	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	Page 2 of 16
Fixture Type	WF - Water Cooler	0 - Other	WF - Water Cooler	WF - Water Cooler	WF - Water Cooler	WF - Water Cooler	0 - Other	WF - Water Cooler	WF - Water Cooler	WF - Water Cooler	Pag													
Sample Location Description	Outside 183	Outside 183	Outside 181	Outside 181	Outside 181	Outside 181	Outside 181	East Gym	East Gym	Outside main gym	Outside main gym	Mens lockeroom	Mens lockeroom	Womens lockeroom	Womens lockeroom	Outside bathrooms 1-11	Field house north	Field house north	Field house south					
Sample ID Number	AWF-1A	AWF-1B	AWF-2A	AWF-2B	AWF-3A	AWF-3B	ABF-3C	AWF-4A	AWF-4B	AWF-5A	AWF-5B	AWF-6A	AWF-6B	AWF-7A	AWF-7B	AWF-8A	AWF-8B	AWF-9A	AWF-9B	ABF-9C	AWF-10A	AWF-10B	4:512 AM COCA AGWE-11A	
Sample Time (12 HR Clock)	4:18 AM	4:19 AM	4:24 AM	4:26 AM	4:25 AM	4:26 AM	4:27 AM	4:30 AM	4:31 AM	4:34 AM	4:35 AM	4:39 AM	4:39 AM	4:41 AM	4:42 AM	4:44 AM	4:45 AM	4:44 AM	4:45 AM	4:46 AM	4:50 AM	4:51 AM	of 4:528.8M	CoC - Aires

Revision 8 July 31, 2017

Aires Consulting - Gallagher Bassett Project Number: 17-

190220880160001

1000

9/20/2017 Dan Petras

Sample Collection Date: Building Description:

Building ID: ISBE ID:

Collected by:

Addison Trail High School

Aires Consulting - Gallagher Bassett Project Number: 17- | { シン

190220880160001 Building ID: SBE ID:

Addison Trail High School **Building Description:** 

9/20/2017

Dan Petras

Sample Collection Date:

Collected by:

bottle fill bottle fill bottle fill Notes 250 Volume Sample (mr) Flush Flush Flush Flush Flush Flush Flush Flush Flush First Draw Flush First Draw Sample Type 6:00 PM (12 HR Clock) Time of Last 9/19/2017 Date of Last 9/19/2017 Use KS - Kitchen Sink IM - Ice Machine KS - Kitchen Sink KS - Kitchen Sink WF - Water Cooler 0 - Other WF - Water Cooler WF - Water Cooler WF - Water Cooler 0 - Other WF - Water Cooler WF - Water Cooler 0 - Other WF - Water Cooler Fixture Type Kitchen Kitchen Kitchen Kitchen Kitchen Kitchen Outside 108 Outside 143 Outside 143 Outside 143 Outside 143 Outside 143 Cafeteria Cafeteria Cafeteria Cafeteria Cafeteria Room 162 Room 162 Kitchen Kitchen Outside 108 Sample Location Description AWF-26B **AKS-29A** AKS-30B AKS-31B AKS-32A AWF-25B AWF-27A AWF-27B AKS-29B AKS-30A AKS-31A AWF-22B ABF-22C AWF-23A AWF-23B AWF-24A **AWF-24B** ABF-24C AWF-25A AWF-26A ABF-26C AIM-28A Sample ID Number 5:41 AM 5:39 AM 5:40 AM 5:40 AM 5:26 AM 5:27 AM 5:36 AM 5:36 AM 5:39 AM 5:13 AM 5:14 AM 5:18 AM 5:19 AM 5:18 AM 5:19 AM 5:19 AM 5:20 AM 5:21 AM 5:20 AM 5:22 AM 5:22 AM 5:25 AM Sample Time (12 HR Clock) Page 39 of 45

Id Collection-CoC Addendum

S CoC - Aires

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Revision 8 July 31, 2017

Revision 8 July 31, 2017

190220880160001 Building ID:

SBE ID:

Aires Consulting - Gallagher Bassett Project Number: 17-18305

> Addison Trail High School Building Description:

9/20/2017

Dan Petras

Sample Collection Date:

Collected by:

Notes 250 250 250 250 250 250 250 250 250 250 250 250 250 250 250 250 250 250 Volume (mL) Flush First Draw Flush First Draw Flush First Draw Flush First Draw Flush Flush First Draw Flush First Draw Flush Flush First Draw First Draw First Draw Sample Type 6:00 PM (12 HR Clock) Time of Last 9/19/2017 Date of Last 9/19/2017 9/19/2017 9/19/2017 9/19/2017 9/19/2017 9/19/2017 9/19/2017 9/19/2017 9/19/2017 9/19/2017 9/19/2017 9/19/2017 9/19/2017 9/19/2017 9/19/2017 9/19/2017 9/19/2017 9/19/2017 Use KS - Kitchen Sink Fixture Type Kitchen Sample Location Description AKS-33B AKS-32B AKS-33A AKS-34A AKS-34B AKS-35A AKS-35B AKS-36A AKS-36B AKS-37A AKS-37B AKS-38B AKS-38A AKS-39A **AKS-39B** AKS-40A AKS-40B AKS-41A AKS-41B Sample ID Number 5:41 AM 5:43 AM 5:47 AM 5:48 AM 5:50 AM 5:42 AM 5:52 AM 5:53 AM 5:54 AM 5:54 AM 5:58 AM 5:51 AM 5:56 AM 5:57 AM 5:58 AM 5:59 AM 6:00 AM 6:01 AM 6:02 AM Sample Time (12 HR Clock)

Id Collection-CoC Addendum

CoC - Aires

Page S of 10

250

First Draw

6:00 PM

9/19/2017

IM - Ice Machine

Flush

250 250 250

Flush

6:00 PM

First Draw

6:00 PM 6:00 PM

9/19/2017

KS - Kitchen Sink KS - Kitchen Sink

9/19/2017

Kitchen Kitchen

AKS-42B AKS-42A

> 6:03 AM 6:07 AM

6:02 AM

AIM-43A

Page 40 of 45

Kitchen

Aires Consulting - Gallagher Bassett Project Number: 17-  $\frac{1}{3}$ 

190220880160001  Addison Trail High School  9/20/2017	Dan Petras
Building ID:  Building Description:  Sample Collection Date:	collected by:

Notes												
Sample Volume	250	250	250	250	250	250	250	250	250	250	250	250
Sample Type	First Draw	Flush										
Time of Last Use (12 HR Clock)	6:00 PM											
Date of Last Use	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017
Fixture Type	KS - Kitchen Sink	WF - Water Cooler										
Sample Location Description	Kitchen	Kitchen	Kitchen	Kitchen	Kitchen	Kitchen	Outside 307	Outside 307	Outside 307	Outside 307	Outside 314	Outside 314
Sample ID Number	AKS-44A	AKS-44B	AKS-45A	AKS-45B	AKS-46A	AKS-46B	AWF-100A	AWF-100B	AWF-101A	AWF-101B	AWF-102A	AWF-102B
Sample Time (12 HR Clock)	6:10 AM	6:10 AM	6:11 AM	6:11 AM	6:12 AM	6:13 AM	4:20 AM	4:20 AM	4:21 AM	4:21 AM	4:31 AM	4:31 AM

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190220880160001

Aires Consulting - Gallagher Bassett Project Number: 17- 18 305

9/20/2017 Adisson Trail High School 000 Sample Collection Date:

Building Description:

Building ID: ISBE ID:

Dan Petras Collected by:

Revision 8 July 31, 2017

190220880160001

Aires Consulting - Gallagher Bassett Project Number: 17- $\overline{\mathbb{K}\mathbb{S}\mathbb{S}}$ 

Adisson Trail High School

Dan Petras

9/20/2017

Sample Collection Date: Building Description:

Building ID: ISBE ID:

Collected by:

PM         Flush         250           PM         First Draw         250           PM         Flush         250	First Draw Flush	Flush		PM First Draw 250	<i>PM</i> Flush 250	PM First Draw 250	<i>PM</i> Flush 250	PM First Draw 250	<i>PM</i> Flush 250	PM First Draw 250	<i>M</i> Flush 250	PM First Draw 250	<i>PM</i> Flush 250	PM First Draw 250	<i>M</i> Flush 250	PM First Draw 250	<i>M</i> Flush 250	PM First Draw 250	<i>M</i> Flush 250	PM First Draw 250	<i>PM</i> Flush 250	Revision 8
	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	
	Flush	First Draw	Flush	First Draw	Flush	First Draw	Flush	First Draw	Flush	First Draw	Flush	First Draw	Flush	First Draw	Flush	First Draw	Flush	First Draw	Flush	First Draw	Flush	
(TE ITTE CIOCK)	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	
	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	Page 8 of 10
	S - Sink	S - Sink	S - Sink	S - Sink	S - Sink	S - Sink	S - Sink	S - Sink	S - Sink	S - Sink	S - Sink	S - Sink	S - Sink	WF - Water Cooler	WF - Water Cooler	WF - Water Cooler	WF - Water Cooler	WF - Water Cooler	WF - Water Cooler	WF - Water Cooler	WF - Water Cooler	d
THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.	Home Ec	Home Ec	Home Ec	Home Ec	Home Ec	Home Ec	Home Ec	Home Ec	Home Ec	Home Ec	Home Ec	Home Ec	Home Ec	Outside 204	Outside 204	Outside 204	Outside 204	South upper gym	South upper gym	Outside 275	Outside 275	
-	ACS-111B	ACS-112A	ACS-112B	ACS-113A	ACS-113B	ACS-114A	ACS-114B	ACS-115A	ACS-115B	ACS-116A	ACS-116B	ACS-117A	ACS-117B	AWF-118A	AWF-118B	AWF-119A	AWF-119B	AWF-120A	AWF-120B	AWF-121A	AWF-121B	d Collection-CoC Addendum 5 CoC - Aires
	5:01 AM	5:02 AM	5:02 AM	5:03 AM	5:03 AM	5:04 AM	5:04 AM	5:05 AM	5:05 AM	5:06 AM	5:06 AM	5:07 AM	5:07 AM	5:15 AM	5:15 AM	5:16 AM	5:16 AM	5:24 AM	5:24 AM	5:29 AM	5:29 AM	of 45 CoC - Aires

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Aires Consulting - Gallagher Bassett Project Number: 17-18305

190220880160001

Adisson Trail High School 9 Building Description:

Dan Petras

Collected by:

Building ID: ISBE ID:

9/20/2017 Sample Collection Date:

	,		-	,	-														Appe	ndix	II	17
Notes																						Revision 8 July 31, 2017
Volume (mL)	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	250	
Sample Type	First Draw	Flush	First Draw	First Draw	Flush	First Draw	Flush	First Draw	First Draw	Flush	First Draw	Flush	First Draw	Flush	First Draw							
Use (12 HR Clock)	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM								
Date of Last Use	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	9/19/2017	Page of of 10
Fixture Type	WF - Water Cooler	IM - Ice Machine	WF - Water Cooler	WF - Water Cooler	S - Sink	S - Sink	S - Sink	WF - Water Cooler	WF - Water Cooler	S - Sink	S - Sink	S - Sink	S - Sink	WF - Water Cooler								
Description	Outside 044	Outside 044	Outside 0-2	Outside 0-2	Fitness room	Fitness room	Outside 0-6	Outside 0-6	Trainers room	Wood shop	Wood shop	Wood shop	Wood shop	Wood shop	Outside 027	Outside 027	B3A	B3A	Back resource room	Back resource room	Mechanical	
Number	AWF-122A	AWF-122B	AWF-123A	AWF-123B	AWF-124A	AWF-124B	AWF-125A	AWF-125B	AIM-126A	AWF-127A	AWF-127B	ACS-128A	ACS-128B	ACS-128C	AWF-129A	AWF-129B	ACS-130A	ACS-130B	ACS-131A	ACS-131B	AWF-132A	eld Collection-CoC Addendum S CoC - Aires
Sample Time (12 HR Clock)	5:44 AM	5:44 AM	5:46 AM	5:46 AM	5:50 AM	5:50 AM	5:51 AM	5:51 AM	5:55 AM	6:02 AM	6:02 AM	6:03 AM	6:03 AM	6:03 AM	6:09 AM	6:09 AM	6:16 AM	6:16 AM	6:20 AM	6:20 AM	6:25 AM	of 42

Revision 8 July 31, 2017

Aires Consulting - Gallagher Bassett Project Number: 17 - 18 = 15

9/20/2017

Sample Collection Date: Building Description:

Building ID:

ISBE ID:

Collected by:

Dan Petras

Adisson Trail High School

190220880160001

pH = 8.39Notes 1000 250 250 250 Volume Flush Flush Flush First Draw Sample Type 6:00 PM 6:00 PM 6:00 PM 6:00 PM (12 HR Clock) Time of Last 9/19/2017 9/19/2017 9/19/2017 Date of Last 9/19/2017 Use WF - Water Cooler WF - Water Cooler 0 - Other WF - Water Cooler Fixture Type Auditorium back hall Auditorium back hall Mechanical Mechanical Sample Location Description AWF-134A AWF-132B AWF-134B AIF-133 Sample ID Number 6:40 AM 6:40 AM 6:30 AM 6:25 AM Sample Time (12 HR Clock) Page 45 of 45

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d Collection-CoC Addendum

CoC - Aires



Wednesday, December 20, 2017

17L0398

PAS WO:

Geoff Bacci II

Aires Consulting Group 1550 Hubbard Ave. Batavia, IL 60510

TEL: (630) 879-3006 FAX: (630) 879-3014

RE: DuPage HS 88/ Addison Trails

Prairie Analytical Systems, Inc. received 5 sample(s) on 12/15/2017 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,

(hrota)

Christina E. Pierce

**Project Manager** 

Certifications: NELAP/NELAC - IL #100323

Metals by ICP-MS

\*Lead

**Date:** 12/20/2017

### LABORATORY RESULTS

**Client:** Aires Consulting Group

Lab Order: 17L0398 **Project:** DuPage HS 88/ Addison Trails

32.2

2.00

· <b>J</b> · · · ·	2 41 450 110 007	radibon in						20270		
Client Sample ID:	AWF-12A						<b>Lab ID:</b> 17	L0398-01		
<b>Collection Date:</b>	12/15/17 6:00						Matrix: Dr	inking Water		
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS										
*Lead		U	2.00		μg/L	1	12/18/17 15:22	12/19/17 18:13	EPA200.8 R5.	KSH
Client Sample ID:	AWF-12B						<b>Lab ID:</b> 17	L0398-02		
<b>Collection Date:</b>	12/15/17 6:01						Matrix: Dr	inking Water		
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS										
*Lead		3.89	2.00		μg/L	1	12/19/17 8:45	12/19/17 18:53	EPA200.8 R5.	KSH
Client Sample ID:	AWF-22A						<b>Lab ID:</b> 17	L0398-03		
<b>Collection Date:</b>	12/15/17 6:04						Matrix: Dr	inking Water		
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS										
*Lead		U	2.00		$\mu g/L$	1	12/18/17 15:22	12/19/17 18:15	EPA200.8 R5.	KSH
Client Sample ID:	AWF-22B						<b>Lab ID:</b> 17	L0398-04		
Collection Date:	12/15/17 6:06						Matrix: Dr	inking Water		
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS										
*Lead		U	2.00		$\mu$ g/L	1	12/18/17 15:22	12/19/17 18:17	EPA200.8 R5.	KSH
Client Sample ID:	AWF-22C						<b>Lab ID:</b> 17	L0398-05		
<b>Collection Date:</b>	12/15/17 6:05						Matrix: Dr	inking Water		
Analyses		Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst

1

 $\mu g/L$ 

12/18/17 15:22

12/19/17 18:20 EPA200.8 R5. KSH

# LABORATORY RESULTS

**Client:** Aires Consulting Group

**Project:** DuPage HS 88/ Addison Trails Lab Order: 17L0398

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
<b>Batch A008226 - EPA 200.8 Metals</b>										
Blank (A008226-BLK1)				Prepared:	12/18/201 A	analyzed: 1	2/19/201			
Lead	U	2.00	$\mu g/L$							
LCS (A008226-BS1)				Prepared:	12/18/201 A	analyzed: 1	2/19/201			
Lead	466	2.00	$\mu g/L$	500.00		93	85-115			
Matrix Spike (A008226-MS1)	Sour	rce: 17L0235-	68	Prepared:	12/18/201 A	nalyzed: 1	2/19/201			
Lead	455	2.00	μg/L	500.00	0.808	91	75-125			
Matrix Spike (A008226-MS2)	Sour	rce: 17L0398-	05	Prepared:	12/18/201 A	analyzed: 1	2/19/201			
Lead	495	2.00	μg/L	500.00	32.2	93	75-125			
Matrix Spike Dup (A008226-MSD1)	Sour	rce: 17L0235-	68	Prepared:	12/18/201 A	analyzed: 1	2/19/201			
Lead	457	2.00	$\mu g/L$	500.00	0.808	91	75-125	0.5	20	
Matrix Spike Dup (A008226-MSD2)	Sour	ce: 17L0398-	05	Prepared:	12/18/201 A	nalyzed: 1	2/19/201			
Lead	498	2.00	μg/L	500.00	32.2	93	75-125	0.6	20	
<b>Batch A008236 - EPA 200.8 Metals</b>										
Blank (A008236-BLK1)				Prepared &	k Analyzed:	12/19/201				
Lead	U	2.00	μg/L	•						
LCS (A008236-BS1)				Prepared &	k Analyzed:	12/19/201				
Lead	483	2.00	μg/L	500.00		97	85-115			
Matrix Spike (A008236-MS1)	Sour	rce: 17L0398-	02	Prepared &	& Analyzed:	12/19/201				
Lead	472	2.00	μg/L	500.00	3.89	94	75-125			

LABORATORY RESULTS

**Client:** Aires Consulting Group

DuPage HS 88/ Addison Trails **Project:** Lab Order: 17L0398

Metals by ICP-MS - Quality Control

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

**Batch A008236 - EPA 200.8 Metals** 

Matrix Spike Dup (A008236-MSD1)	Source: 17	L0398-0	2	Prepared & A	Analyzed: 1	2/19/201			
Lead	472	2.00	μg/L	500.00	3.89	94	75-125	0.05	20

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**Date:** 12/20/2017

### LABORATORY RESULTS

**Client:** Aires Consulting Group

**Project:** DuPage HS 88/ Addison Trails Lab Order: 17L0398

#### **Notes and Definitions**

NELAC certified compound.

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

# Chain of Custody Record

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

Prairie Systems, INCORPORATED SYSTEMS

www.prairieanalytical.com

Cient	Aires Consulting - Gallagher Bassett	Signland	Contraction of the contraction o		
Address	1550 Hiphard Ava	Selection	Method Requested		Reporting
City, State, Zip Code	Batavia, IL 60510				
Phone / Facsimile	630.879.3006	- IL			TA Residential
Project Name / Number	DuPage HS 88-Addison Trails 17-18305	Vate			omme
Project Location	Lombard, IL	л би			MJA:
P.O. # or Invoice To	17-18305	ıinkiı			0 0
Contact Person	Geoff Bacci II	ıa u			SC Residential
Sample Description	Sample	i bsə			☑ Industrial
		1			Sampler Comments
See attached Addendum (	um ( pages) for sample information ( samples)				
Unless otherwise noted:	oted:				
Matrix Code: DW					
Preservative Code: 0					
No. of containers per sample: Sample Type: Grab	sample: 1				
Analysis requested: 1	Analysis requested: Lead in Drinking Water				
ملمح كانتجامها					
Preservative Code	A - Aqueous DW - Drinking Water GW - Ground Water 0 - None 1 - HCl 2 - H2SCA	NA - Non-Aqueous Liquid	S - Solid	lio-o	X - Other (Specify)
Reling		3 - HNO3	4 - NaOH	5 - 5035 Kit	X - Other (Specify)
8		Received By	Date	Time	Method of Shipment
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(2) Usa	1/5/1/2/1	2/059	hay hay
P	2 2 2	1 Ag	12-15-77	15:81	pend
Social Instructions:			9		IX IV
e 6 of		Turnaround Time: Standard Date Required:	Rush C C Level	On we	Temperature (°C)
	Copies: White - Client / Yellow - PAS, Inc. / Pink - Sampler			l ves (Truo	//
PAS COC - Aires	Page	0t 7	\$		Revision 8

Revision 8 July 31, 2017

190220880160001	0001 Main Building	Addison Trails High School	12/15/2017	Geoff Bacri II
ISBE ID:	Building ID:	Building Description:	Sample Collection Date:	Collected by:

Sample	(mL)	250	250	250	250	004											
Sample Type	First Draw	Flush	First Draw	H III	First Draw												
Time of Last Use (12 HR Clock)	6:00 PM	6:00 PM	6:00 PM	6:00 PM	6:00 PM												
Date of Last Use	12/14/2017	12/14/2017	12/14/2017	12/14/2017	12/14/2017												Page 2 of 2
Fixture Type	Outside 187 F - Water Cooler	Outside 187 F - Water Cooler	Outside 108 F - Water Cooler	Outside 108 F - Water Cooler	0 - Other			Section									
Sample Location Description	Outside 187	Outside 187	Outside 108	Outside 108	Outside 108												
Sample ID Number	AWF-12A	AWF-12B	AWF-22A	AWF-22B	AWF-22C											Addondum	
Sample Time (12 HR Clock)	6:00 AM	6:01 AM	6:04 AM	6:06 AM	6:05 AM											eld Collection CoC Addox dum	AS CoC - Aires
												 			Page	7 of	7