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***WATER QUALITY TESTING***

***FOR***

***DUPAGE HIGH SCHOOL DISTRICT 88  
WILLOWBROOK HIGH SCHOOL***

***VILLA PARK, ILLINOIS***

***SEPTEMBER 19 & NOVEMBER 17, 2017***

***PROJECT NUMBER: 17-18305***

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## **INTRODUCTION**

DuPage High School District 88 has implemented a proactive program of water testing at Willowbrook High School. Water sampling was conducted by Mr. Dan Petras of Aires Consulting on September 19, 2017. Mr. Geoffrey J. Bacci II, P.E. designed the study and developed this report.

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

All sources that exceeded the LDWTB reporting limit of 5.0 ppb were re-tested by Mr. Jeff Olson on November 17, 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: <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>

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 WKS-2A was collected at location 2 at Willowbrook High School and is a first draw sample at a kitchen sink. 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**.

- **WKS-6A: first draw sample from kitchen sink S1-10 - 68.8 ppb**
- WBF-22C: first draw sample from the bottle fill in the Nurse's Office - 10.1 ppb
- WWF-24B: flush sample from the water cooler in PE 100 - 17.0 ppb

## **RE-TESTING RESULTS**

All sources that exceeded the USEPA's recommended Action Level of 20 ppb were re-tested on November 17, 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**.

- WKS-6A-RE: first draw sample from kitchen sink S1-10 - 15.6 ppb


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,



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

# *Sampling Protocol for Drinking Water in Schools*



*A Guidance Document for  
Drinking Water Testing*



- ❖ 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](mailto: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*

Appendix I

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 <http://www.epa.illinois.gov/citizens/citizens-information/in-your-home/resources-on-lead/index>.
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.





## 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](mailto: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

Appendix I

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\\_leadschools\\_guide\\_3ts\\_leadschools.pdf](http://www.epa.gov/sites/production/files/201509/documents/toolkit_leadschools_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](http://dph.illinois.gov).

ISBE ID: 190220880160002  
 Building ID: \_\_\_\_\_  
 Building Description: Willowbrook High School  
 Sample Collection Date: 9/19/2017  
 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
5:14 AM	WKS-1A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:14 AM	WKS-1B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:15 AM	WKS-2A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:15 AM	WKS-2B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:16 AM	WKS-3A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:16 AM	WKS-3B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:17 AM	WKS-4A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:17 AM	WKS-4B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:18 AM	WKS-5A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:18 AM	WKS-5B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:19 AM	WKS-6A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:19 AM	WKS-6B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:20 AM	WKS-7A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:20 AM	WKS-7B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:21 AM	WKS-8A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:21 AM	WKS-8B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:22 AM	WKS-9A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:22 AM	WKS-9B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:23 AM	WKS-10A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:23 AM	WKS-10B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:24 AM	WKS-11A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	



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5:24 AM	WKS-11B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:26 AM	WKS-12A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:26 AM	WKS-12B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:28 AM	WKS-13A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:28 AM	WKS-13B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:30 AM	WKS-14A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:30 AM	WKS-14B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:31 AM	WKS-15A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:31 AM	WKS-15B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:33 AM	WIM-16A	Kitchen	IM - Ice Machine	9/18/2017	6:00 PM	First Draw	250	
5:33 AM	WWF-17A	Cafeteria	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:35 AM	WWF-17B	Cafeteria	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:35 AM	WBF-17C	Cafeteria	O - Other	9/18/2017	6:00 PM	First Draw	250	bottle fill
5:37 AM	WWF-18A	Cafeteria	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:37 AM	WWF-18B	Cafeteria	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:40 AM	WBF-18C	Cafeteria	O - Other	9/18/2017	6:00 PM	First Draw	250	bottle fill
5:41 AM	WWF-19A	Cafeteria	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:41 AM	WWF-19B	Cafeteria	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:52 AM	WWF-20A	Music wing	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:52 AM	WWF-20B	Music wing	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:54 AM	WWF-21A	Outside T1-8	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	

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5:54 AM	WWF-21B	Outside T1-8	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:54 AM	WBF-21C	Outside T1-8	O - Other	9/18/2017	6:00 PM	First Draw	250	bottle fill
6:00 AM	WWF-22A	Nurses office	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:00 AM	WWF-22B	Nurses office	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:00 AM	WBF-22C	Nurses office	O - Other	9/18/2017	6:00 PM	First Draw	250	bottle fill
6:05 AM	WWF-23A	PE-102	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:05 AM	WWF-23B	PE-102	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:09 AM	WWF-24A	PE-100	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:09 AM	WWF-24B	PE-100	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:15 AM	WWF-25A	Aux gym	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:15 AM	WWF-25B	Aux gym	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:20 AM	WWF-26A	Faculty café	O - Other	9/18/2017	6:00 PM	First Draw	250	water dispenser
6:20 AM	WWF-26B	Faculty café	O - Other	9/18/2017	6:00 PM	Flush	250	water dispenser
6:20 AM	WBF-26C	Faculty café	O - Other	9/18/2017	6:00 PM	First Draw	250	water dispenser
6:22 AM	WWF-27A	Outside A127	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:22 AM	WWF-27B	Outside A127	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:25 AM	WWF-28A	Outside A127	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:25 AM	WWF-28B	Outside A127	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:28 AM	WWF-29A	Outside A150	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:28 AM	WWF-29B	Outside A150	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:31 AM	WWF-30A	Auto shop	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	



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6:31 AM	WWF-30B	Auto shop	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:34 AM	WWF-31A	Outside A138	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:34 AM	WWF-31B	Outside A138	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:36 AM	WWF-32A	Outside A113	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:36 AM	WWF-32B	Outside A113	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:36 AM	WBF-32C	Outside A113	O - Other	9/18/2017	6:00 PM	First Draw	250	bottle fill
6:38 AM	WWF-33A	Main hall	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:38 AM	WWF-33B	Main hall	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:40 AM	WWF-34A	Main hall	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:40 AM	WWF-34B	Main hall	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:43 AM	WWF-35A	Outside T1-16	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:43 AM	WWF-35B	Outside T1-16	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:44 AM	WWF-36A	Outside T1-16	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:44 AM	WWF-36B	Outside T1-16	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:48 AM	WWF-37A	Outside lib test center	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:48 AM	WWF-37B	Outside lib test center	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:48 AM	WBF-37C	Outside lib test center	O - Other	9/18/2017	6:00 PM	First Draw	250	bottle fill
6:50 AM	WS-38A	Media center office	S - Sink	9/18/2017	6:00 PM	First Draw	250	
6:50 AM	WS-38B	Media center office	S - Sink	9/18/2017	6:00 PM	Flush	250	
6:54 AM	WWF-39A	Social services	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:54 AM	WWF-39B	Social services	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	

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5:24 AM	WWF-100A	Across A319	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:25 AM	WWF-100B	Across A319	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:26 AM	WWF-101A	Across A319	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:27 AM	WWF-101B	Across A319	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:28 AM	WWF-102A	Next to A304	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:29 AM	WWF-102B	Next to A304	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:31 AM	WWF-103A	Next to A304	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:32 AM	WWF-103B	Next to A304	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:33 AM	WWF-104A	Next to T3-3	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:34 AM	WWF-104B	Next to T3-3	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:41 AM	WWF-105A	Next to A226	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:42 AM	WWF-105B	Next to A226	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:43 AM	WBF-105C	Next to A226	O - Other	9/18/2017	6:00 PM	First Draw	250	bottle fill
5:44 AM	WWF-106A	Next to A226	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:45 AM	WWF-106B	Next to A226	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:49 AM	WWF-107A	Across A214	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:50 AM	WWF-107B	Across A214	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	

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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
5:51 AM	WWF-108A	Across A203	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:52 AM	WWF-108B	Across A203	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:58 AM	WWF-109A	Across A236	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:59 AM	WWF-109B	Across A236	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:14 AM	WWF-110A	Fitness center	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:15 AM	WWF-110B	Fitness center	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:16 AM	WBF-110C	Fitness center	O - Other	9/18/2017	6:00 PM	First Draw	250	bottle fill
6:20 AM	WWF-111A	PE002	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:21 AM	WWF-111B	PE002	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:35 AM	WWF-112A	Girls PE lockerroom	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:36 AM	WWF-112B	Girls PE lockerroom	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:40 AM	WWF-113A	F101	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:41 AM	WWF-113B	F101	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:51 AM	WCS-114A	A107	S - Sink	9/18/2017	6:00 PM	First Draw	250	
6:52 AM	WCS-114B	A107	S - Sink	9/18/2017	6:00 PM	Flush	250	
6:53 AM	WCS-115A	A107	S - Sink	9/18/2017	6:00 PM	First Draw	250	
6:54 AM	WCS-115B	A107	S - Sink	9/18/2017	6:00 PM	Flush	250	
6:55 AM	WCS-116A	A107	S - Sink	9/18/2017	6:00 PM	First Draw	250	
6:56 AM	WCS-116B	A107	S - Sink	9/18/2017	6:00 PM	Flush	250	
6:57 AM	WCS-117A	A107	S - Sink	9/18/2017	6:00 PM	First Draw	250	
6:58 AM	WCS-117B	A107	S - Sink	9/18/2017	6:00 PM	Flush	250	

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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
6:58 AM	WCS-118A	A107	S - Sink	9/18/2017	6:00 PM	First Draw	250	
6:59 AM	WCS-118B	A107	S - Sink	9/18/2017	6:00 PM	Flush	250	
7:02 AM	WCS-119A	A105	S - Sink	9/18/2017	6:00 PM	First Draw	250	
7:03 AM	WCS-119B	A105	S - Sink	9/18/2017	6:00 PM	Flush	250	
7:04 AM	WIM-120A	A105	IM - Ice Machine	9/18/2017	6:00 PM	First Draw	250	
5:00 AM	WWF-121A	Field house	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:00 AM	WWF-121B	Field house	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:01 AM	WWF-122A	Field house	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:01 AM	WWF-122B	Field house	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:01 AM	WBF-122C	Field house	O - Other	9/18/2017	6:00 PM	First Draw	250	bottle fill
7:20 AM	WIF-40	Basement boiler	O - Other	9/18/2017	6:00 PM	Flush	1000	pH = 8.22

No. 6648 P. 2

# LEAD TESTED FOUNTAINS, SINKS & ICE MACHINES

*B+C Office Panel location*

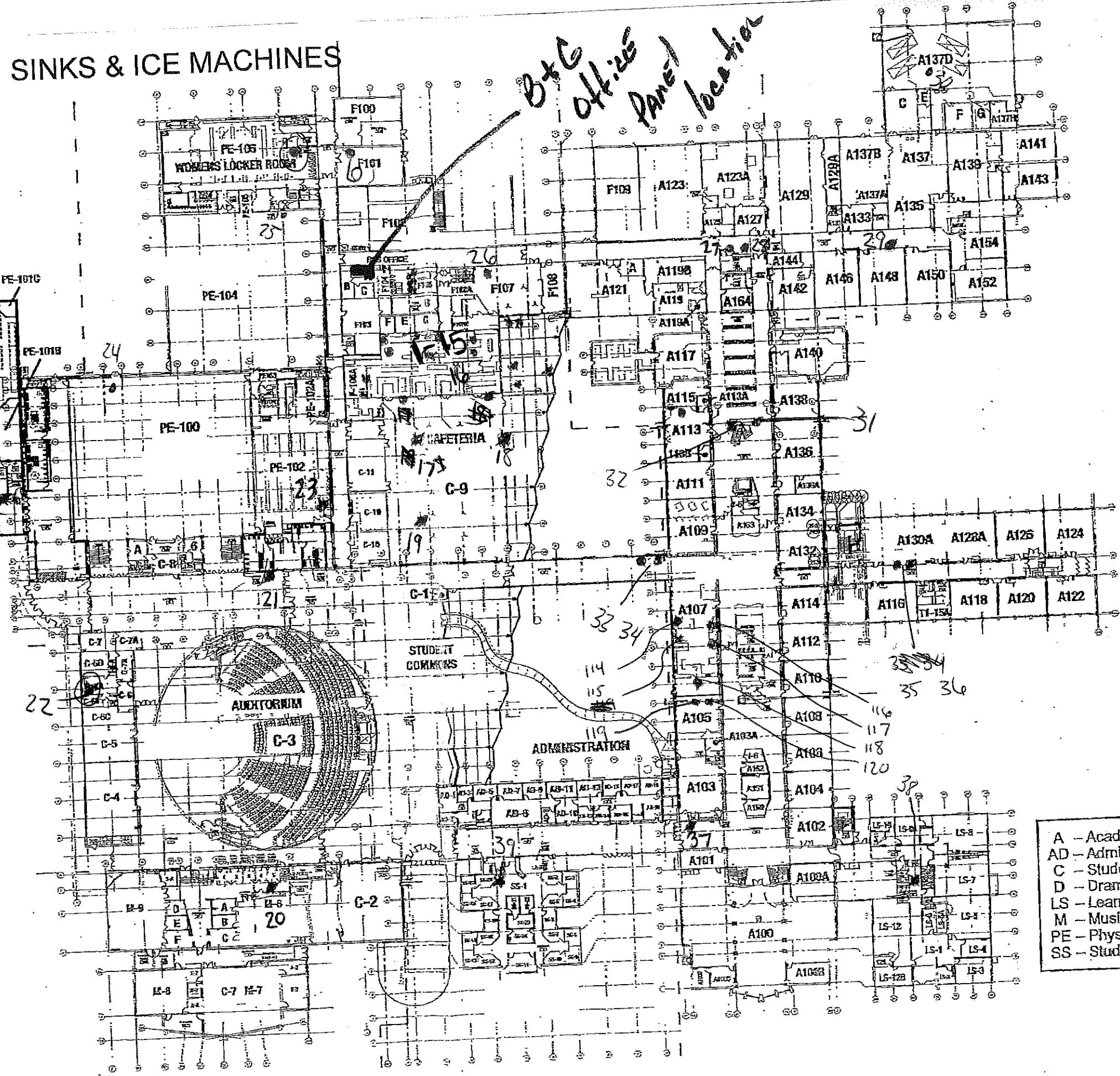
*At drinking @ G*

Willowbrook



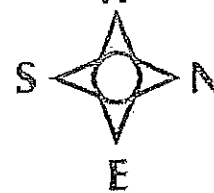
High School

## First Floor Reference Plan

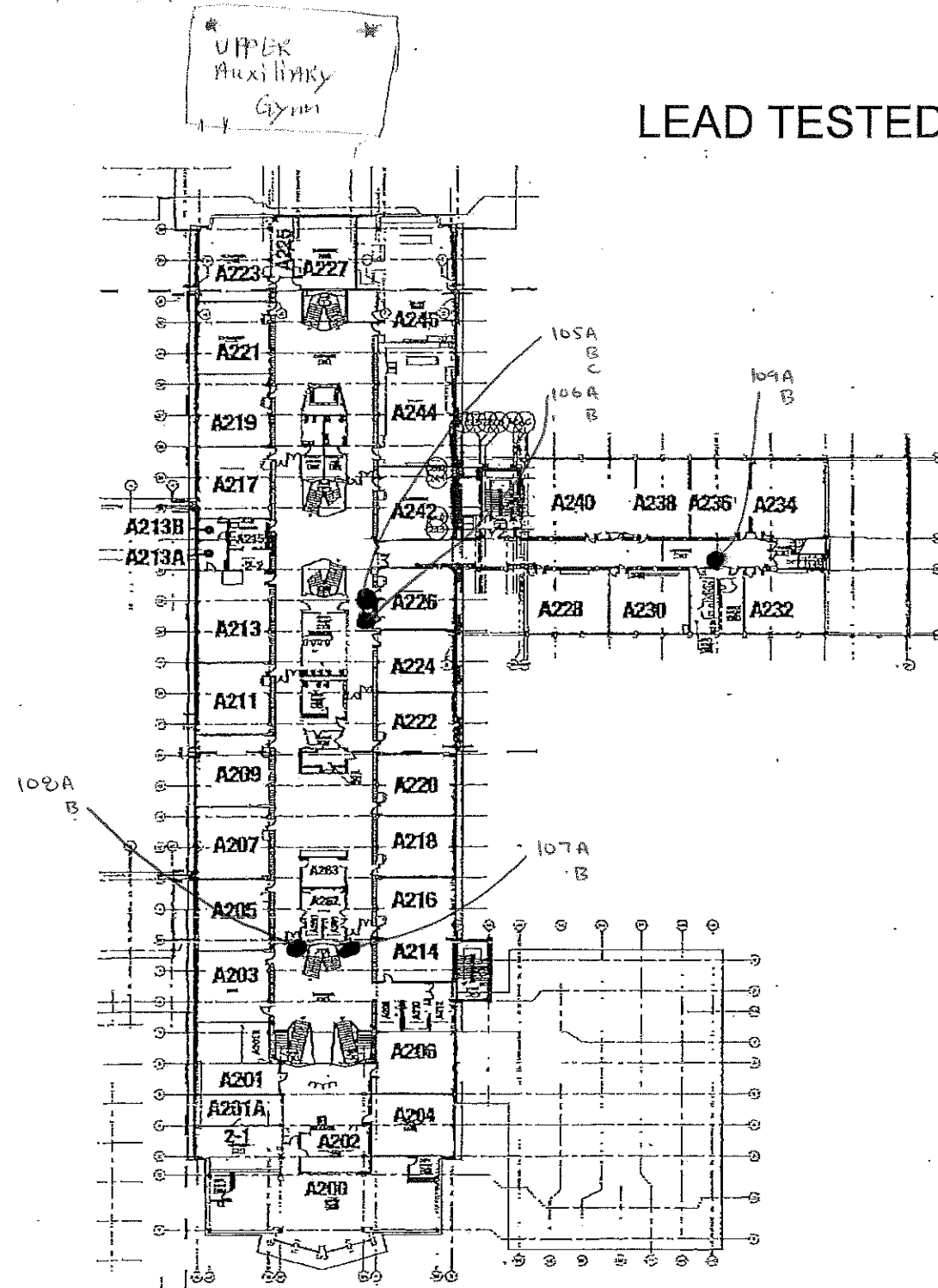


- A - Academic Classrooms
- AD - Administration
- C - Student Commons
- D - Drama (Theater)
- LS - Learning Services
- M - Music
- PE - Physical Education
- SS - Student Services

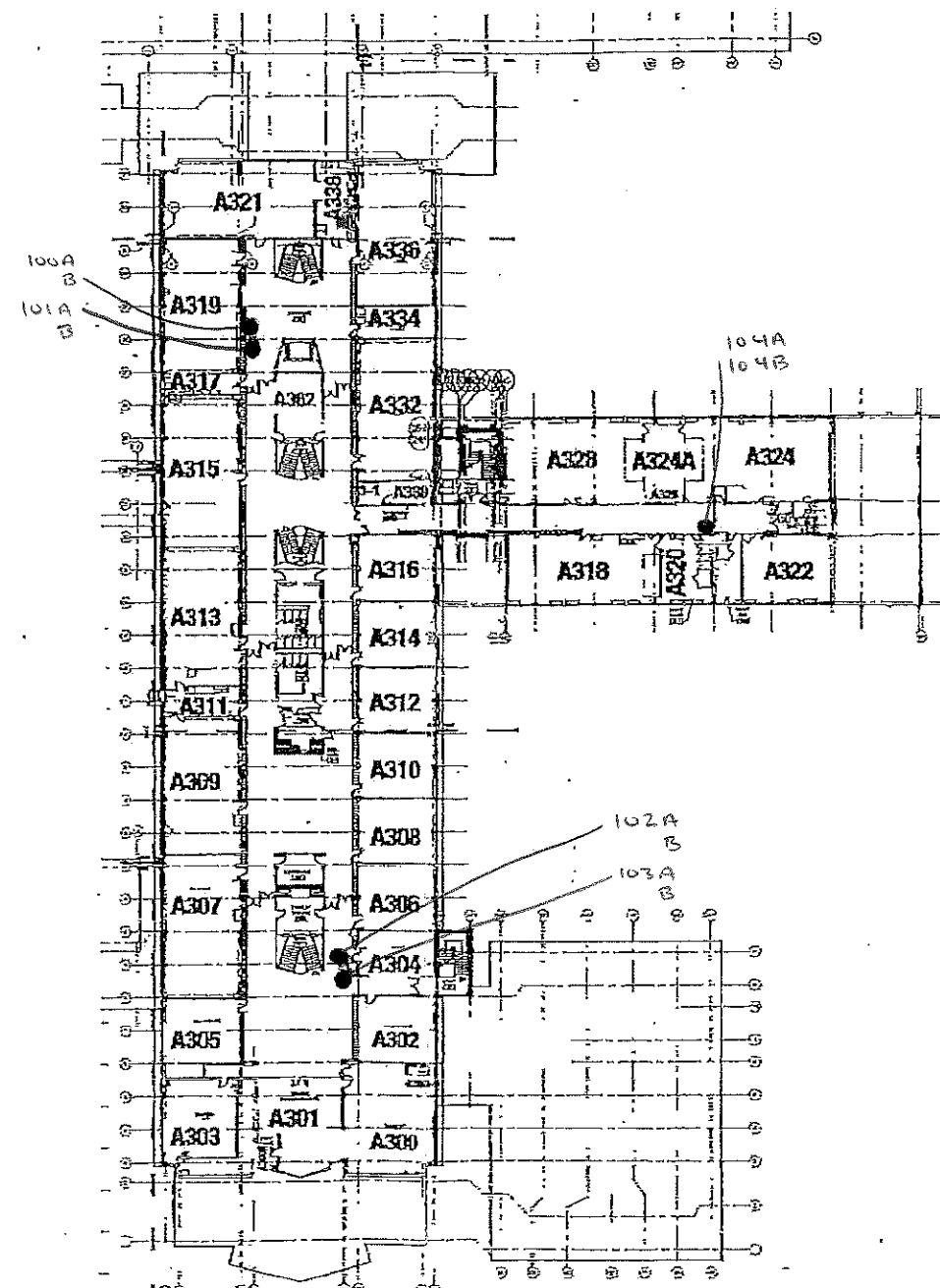
Mar. 5. 2013 12:05PM BOVIS



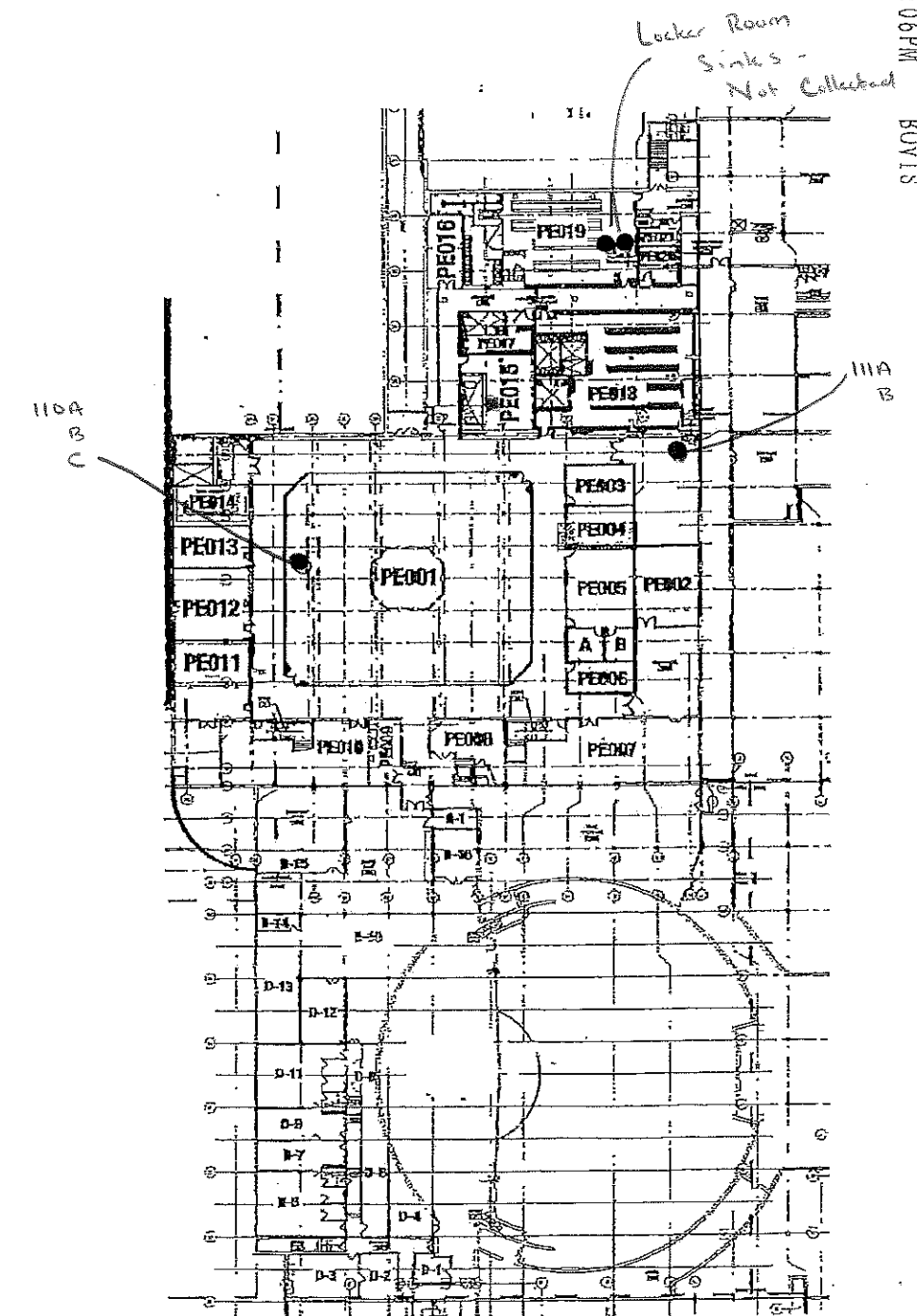
# LEAD TESTED FOUNTAINS, SINKS & ICE MACHINES



Second Floor Reference Plan



Third Floor Reference Plan



Basement Floor Reference Plan



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/ Willowbrook High School

PAS WO: 1710591

Prairie Analytical Systems, Inc. received 133 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,

A handwritten signature in black ink, appearing to read "Christina E. Pierce".

Christina E. Pierce  
 Project Manager

**Certifications:** NELAP/NELAC - IL #100323

---

1210 Capital Airport Drive	*	Springfield, IL 62707	*	1.217.753.1148	*	1.217.753.1152 Fax
9114 Virginia Road Suite #112	*	Lake in the Hills, IL 60156	*	1.847.651.2604	*	1.847.458.0538 Fax



Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

<b>Client:</b>	Aires Consulting Group					<b>Lab Order:</b>	17I0591				
<b>Project:</b>	DuPage HS 88/ Willowbrook High School					<b>Lab ID:</b>	17I0591-01				
<b>Client Sample ID:</b>	WKS-1A					<b>Matrix:</b>	Drinking Water				
<b>Collection Date:</b>	9/19/17 5:14										
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 12:47	10/4/17 14:25	EPA200.8	JTC		
<b>Client Sample ID:</b>	WKS-1B					<b>Lab ID:</b>	17I0591-02				
<b>Collection Date:</b>	9/19/17 5:14					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 12:47	10/4/17 14:39	EPA200.8	JTC		
<b>Client Sample ID:</b>	WKS-2A					<b>Lab ID:</b>	17I0591-03				
<b>Collection Date:</b>	9/19/17 5:15					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 12:47	10/4/17 14:43	EPA200.8	JTC		
<b>Client Sample ID:</b>	WKS-2B					<b>Lab ID:</b>	17I0591-04				
<b>Collection Date:</b>	9/19/17 5:15					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 12:47	10/4/17 14:47	EPA200.8	JTC		
<b>Client Sample ID:</b>	WKS-3A					<b>Lab ID:</b>	17I0591-05				
<b>Collection Date:</b>	9/19/17 5:16					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 12:47	10/4/17 14:52	EPA200.8	JTC		
<b>Client Sample ID:</b>	WKS-3B					<b>Lab ID:</b>	17I0591-06				
<b>Collection Date:</b>	9/19/17 5:16					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 12:47	10/4/17 14:56	EPA200.8	JTC		
<b>Client Sample ID:</b>	WKS-4A					<b>Lab ID:</b>	17I0591-07				
<b>Collection Date:</b>	9/19/17 5:17					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 12:47	10/4/17 15:14	EPA200.8	JTC		

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

<b>Client:</b>	Aires Consulting Group									
<b>Project:</b>	DuPage HS 88/ Willowbrook High School					<b>Lab Order:</b> 17I0591				
<b>Client Sample ID:</b>	WKS-4B					<b>Lab ID:</b> 17I0591-08				
<b>Collection Date:</b>	9/19/17 5:17					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 12:47	10/4/17 15:18	EPA200.8	JTC	
<b>Client Sample ID:</b>	WKS-5A					<b>Lab ID:</b> 17I0591-09				
<b>Collection Date:</b>	9/19/17 5:18					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 12:47	10/4/17 15:23	EPA200.8	JTC	
<b>Client Sample ID:</b>	WKS-5B					<b>Lab ID:</b> 17I0591-10				
<b>Collection Date:</b>	9/19/17 5:18					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 12:47	10/4/17 15:27	EPA200.8	JTC	
<b>Client Sample ID:</b>	WKS-6A					<b>Lab ID:</b> 17I0591-11				
<b>Collection Date:</b>	9/19/17 5:19					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	68.8	2.00		µg/L	1	10/6/17 8:20	10/9/17 9:28	EPA200.8	JTC	
<b>Client Sample ID:</b>	WKS-6B					<b>Lab ID:</b> 17I0591-12				
<b>Collection Date:</b>	9/19/17 5:19					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 12:47	10/4/17 15:31	EPA200.8	JTC	
<b>Client Sample ID:</b>	WKS-7A					<b>Lab ID:</b> 17I0591-13				
<b>Collection Date:</b>	9/19/17 5:20					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 12:47	10/4/17 15:45	EPA200.8	JTC	
<b>Client Sample ID:</b>	WKS-7B					<b>Lab ID:</b> 17I0591-14				
<b>Collection Date:</b>	9/19/17 5:20					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 12:47	10/4/17 15:49	EPA200.8	JTC	

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: DuPage HS 88/ Willowbrook High School

Lab Order: 17I0591

Client Sample ID: WKS-7B

Lab ID: 17I0591-14

Collection Date: 9/19/17 5:20

Matrix: Drinking Water

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

Lab ID: 17I0591-15

Collection Date: 9/19/17 5:21

Matrix: Drinking Water

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

*Lead	2.35	2.00		µg/L	1	10/4/17 12:47	10/4/17 15:53	EPA200.8	JTC
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Client Sample ID: WKS-8B

Lab ID: 17I0591-16

Collection Date: 9/19/17 5:21

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 12:47	10/4/17 16:11	EPA200.8	JTC
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Client Sample ID: WKS-9A

Lab ID: 17I0591-17

Collection Date: 9/19/17 5:22

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 12:47	10/4/17 16:15	EPA200.8	JTC
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Client Sample ID: WKS-9B

Lab ID: 17I0591-18

Collection Date: 9/19/17 5:22

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 12:47	10/4/17 16:20	EPA200.8	JTC
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Client Sample ID: WKS-10A

Lab ID: 17I0591-19

Collection Date: 9/19/17 5:23

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 12:47	10/4/17 16:24	EPA200.8	JTC
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Client Sample ID: WKS-10B

Lab ID: 17I0591-20

Collection Date: 9/19/17 5:23

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 12:47	10/4/17 16:28	EPA200.8	JTC
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Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

<b>Client:</b>	Aires Consulting Group					<b>Lab Order:</b>	17I0591				
<b>Project:</b>	DuPage HS 88/ Willowbrook High School					<b>Lab ID:</b>	17I0591-21				
<b>Client Sample ID:</b>	WKS-11A					<b>Matrix:</b>	Drinking Water				
<b>Collection Date:</b>	9/19/17 5:24										
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 12:47	10/4/17 16:33	EPA200.8	JTC		
<b>Client Sample ID:</b>	WKS-11B					<b>Lab ID:</b>	17I0591-22				
<b>Collection Date:</b>	9/19/17 5:24					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 12:57	10/4/17 16:47	EPA200.8	JTC		
<b>Client Sample ID:</b>	WKS-12A					<b>Lab ID:</b>	17I0591-23				
<b>Collection Date:</b>	9/19/17 5:26					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 12:57	10/4/17 17:17	EPA200.8	JTC		
<b>Client Sample ID:</b>	WKS-12B					<b>Lab ID:</b>	17I0591-24				
<b>Collection Date:</b>	9/19/17 5:26					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 12:57	10/4/17 17:22	EPA200.8	JTC		
<b>Client Sample ID:</b>	WKS-13A					<b>Lab ID:</b>	17I0591-25				
<b>Collection Date:</b>	9/19/17 5:28					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	3.48	2.00		µg/L	1	10/4/17 12:57	10/4/17 17:26	EPA200.8	JTC		
<b>Client Sample ID:</b>	WKS-13B					<b>Lab ID:</b>	17I0591-26				
<b>Collection Date:</b>	9/19/17 5:28					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 12:57	10/4/17 17:31	EPA200.8	JTC		
<b>Client Sample ID:</b>	WKS-14A					<b>Lab ID:</b>	17I0591-27				
<b>Collection Date:</b>	9/19/17 5:30					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 12:57	10/4/17 17:35	EPA200.8	JTC		

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

<b>Client:</b>	Aires Consulting Group									
<b>Project:</b>	DuPage HS 88/ Willowbrook High School					<b>Lab Order:</b> 17I0591				
<b>Client Sample ID:</b>	WKS-14B					<b>Lab ID:</b> 17I0591-28				
<b>Collection Date:</b>	9/19/17 5:30					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 12:57	10/4/17 17:39	EPA200.8	JTC	
<b>Client Sample ID:</b>	WKS-15A					<b>Lab ID:</b> 17I0591-29				
<b>Collection Date:</b>	9/19/17 5:31					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 12:57	10/4/17 17:44	EPA200.8	JTC	
<b>Client Sample ID:</b>	WKS-15B					<b>Lab ID:</b> 17I0591-30				
<b>Collection Date:</b>	9/19/17 5:31					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 12:57	10/4/17 17:48	EPA200.8	JTC	
<b>Client Sample ID:</b>	WIM-16A					<b>Lab ID:</b> 17I0591-31				
<b>Collection Date:</b>	9/19/17 5:33					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 12:57	10/4/17 17:52	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-17A					<b>Lab ID:</b> 17I0591-32				
<b>Collection Date:</b>	9/19/17 5:33					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 12:57	10/4/17 18:10	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-17B					<b>Lab ID:</b> 17I0591-33				
<b>Collection Date:</b>	9/19/17 5:35					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 12:57	10/4/17 18:23	EPA200.8	JTC	
<b>Client Sample ID:</b>	WBF-17C					<b>Lab ID:</b> 17I0591-34				
<b>Collection Date:</b>	9/19/17 5:35					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 12:57	10/4/17 18:28	EPA200.8	JTC	

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

<b>Client:</b>	Aires Consulting Group						<b>Lab Order:</b>	17I0591		
<b>Project:</b>	DuPage HS 88/ Willowbrook High School						<b>Lab ID:</b>	17I0591-34		
<b>Client Sample ID:</b>	WBF-17C						<b>Matrix:</b>	Drinking Water		
<b>Collection Date:</b>	9/19/17 5:35									
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Client Sample ID:</b>	WWF-18A						<b>Lab ID:</b>	17I0591-35		
<b>Collection Date:</b>	9/19/17 5:37						<b>Matrix:</b>	Drinking Water		
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 12:57	10/4/17 18:32	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-18B						<b>Lab ID:</b>	17I0591-36		
<b>Collection Date:</b>	9/19/17 5:37						<b>Matrix:</b>	Drinking Water		
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 12:57	10/4/17 18:36	EPA200.8	JTC	
<b>Client Sample ID:</b>	WBF-18C						<b>Lab ID:</b>	17I0591-37		
<b>Collection Date:</b>	9/19/17 5:40						<b>Matrix:</b>	Drinking Water		
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 12:57	10/4/17 18:41	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-19A						<b>Lab ID:</b>	17I0591-38		
<b>Collection Date:</b>	9/19/17 5:41						<b>Matrix:</b>	Drinking Water		
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 12:57	10/4/17 18:45	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-19B						<b>Lab ID:</b>	17I0591-39		
<b>Collection Date:</b>	9/19/17 5:41						<b>Matrix:</b>	Drinking Water		
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	2.20	2.00		µg/L	1	10/4/17 12:57	10/4/17 18:50	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-20A						<b>Lab ID:</b>	17I0591-40		
<b>Collection Date:</b>	9/19/17 5:52						<b>Matrix:</b>	Drinking Water		
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 12:57	10/4/17 19:12	EPA200.8	JTC	

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

<b>Client:</b>	Aires Consulting Group									
<b>Project:</b>	DuPage HS 88/ Willowbrook High School									
<b>Client Sample ID:</b>	WWF-20B									
<b>Collection Date:</b>	9/19/17 5:52									
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 12:57	10/4/17 19:16	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-21A									
<b>Collection Date:</b>	9/19/17 5:54									
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:01	10/4/17 19:29	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-21B									
<b>Collection Date:</b>	9/19/17 5:54									
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:01	10/4/17 19:42	EPA200.8	JTC	
<b>Client Sample ID:</b>	WBF-21C									
<b>Collection Date:</b>	9/19/17 5:54									
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:01	10/4/17 19:47	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-22A									
<b>Collection Date:</b>	9/19/17 6:00									
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:01	10/4/17 19:51	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-22B									
<b>Collection Date:</b>	9/19/17 6:00									
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:01	10/4/17 20:09	EPA200.8	JTC	
<b>Client Sample ID:</b>	WBF-22C									
<b>Collection Date:</b>	9/19/17 6:00									
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	10.1	2.00		µg/L	1	10/4/17 13:01	10/4/17 20:13	EPA200.8	JTC	



Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

<b>Client:</b>	Aires Consulting Group					<b>Lab Order:</b>	17I0591			
<b>Project:</b>	DuPage HS 88/ Willowbrook High School									
<b>Client Sample ID:</b>	WWF-23A					<b>Lab ID:</b>	17I0591-48			
<b>Collection Date:</b>	9/19/17 6:05					<b>Matrix:</b>	Drinking Water			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:01	10/4/17 20:18	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-23B					<b>Lab ID:</b>	17I0591-49			
<b>Collection Date:</b>	9/19/17 6:05					<b>Matrix:</b>	Drinking Water			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:01	10/4/17 20:22	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-24A					<b>Lab ID:</b>	17I0591-50			
<b>Collection Date:</b>	9/19/17 6:09					<b>Matrix:</b>	Drinking Water			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	3.01	2.00		µg/L	1	10/4/17 13:01	10/4/17 20:27	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-24B					<b>Lab ID:</b>	17I0591-51			
<b>Collection Date:</b>	9/19/17 6:09					<b>Matrix:</b>	Drinking Water			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	17.0	2.00		µg/L	1	10/4/17 13:01	10/4/17 20:31	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-25A					<b>Lab ID:</b>	17I0591-52			
<b>Collection Date:</b>	9/19/17 6:15					<b>Matrix:</b>	Drinking Water			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:01	10/4/17 20:35	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-25B					<b>Lab ID:</b>	17I0591-53			
<b>Collection Date:</b>	9/19/17 6:15					<b>Matrix:</b>	Drinking Water			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	2.20	2.00		µg/L	1	10/4/17 13:01	10/4/17 20:49	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-26A					<b>Lab ID:</b>	17I0591-54			
<b>Collection Date:</b>	9/19/17 6:20					<b>Matrix:</b>	Drinking Water			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:01	10/4/17 21:06	EPA200.8	JTC	

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: DuPage HS 88/ Willowbrook High School

Lab Order: 17I0591

Client Sample ID: WWF-26A

Lab ID: 17I0591-54

Collection Date: 9/19/17 6:20

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Client Sample ID: WWF-26B

Lab ID: 17I0591-55

Collection Date: 9/19/17 6:20

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:01	10/4/17 21:11	EPA200.8	JTC
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Client Sample ID: WBF-26C

Lab ID: 17I0591-56

Collection Date: 9/19/17 6:20

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:01	10/4/17 21:15	EPA200.8	JTC
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Client Sample ID: WWF-27A

Lab ID: 17I0591-57

Collection Date: 9/19/17 6:22

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:01	10/4/17 21:19	EPA200.8	JTC
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Client Sample ID: WWF-27B

Lab ID: 17I0591-58

Collection Date: 9/19/17 6:22

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:01	10/4/17 21:24	EPA200.8	JTC
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Client Sample ID: WWF-28A

Lab ID: 17I0591-59

Collection Date: 9/19/17 6:25

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:01	10/4/17 21:28	EPA200.8	JTC
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Client Sample ID: WWF-28B

Lab ID: 17I0591-60

Collection Date: 9/19/17 6:25

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:01	10/4/17 21:33	EPA200.8	JTC
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Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: DuPage HS 88/ Willowbrook High School

Lab Order: 17I0591

Client Sample ID: WWF-29A

Lab ID: 17I0591-61

Collection Date: 9/19/17 6:28

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	U	2.00		µg/L	1	10/4/17 13:01	10/4/17 21:37	EPA200.8	JTC

Client Sample ID: WWF-29B

Lab ID: 17I0591-62

Collection Date: 9/19/17 6:28

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/4/17 22:08	EPA200.8	JTC

Client Sample ID: WWF-30A

Lab ID: 17I0591-63

Collection Date: 9/19/17 6:31

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/4/17 22:21	EPA200.8	JTC

Client Sample ID: WWF-30B

Lab ID: 17I0591-64

Collection Date: 9/19/17 6:31

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/4/17 22:25	EPA200.8	JTC

Client Sample ID: WWF-31A

Lab ID: 17I0591-65

Collection Date: 9/19/17 6:34

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/4/17 22:30	EPA200.8	JTC

Client Sample ID: WWF-31B

Lab ID: 17I0591-66

Collection Date: 9/19/17 6:34

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/4/17 22:34	EPA200.8	JTC

Client Sample ID: WWF-32A

Lab ID: 17I0591-67

Collection Date: 9/19/17 6:36

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/4/17 22:39	EPA200.8	JTC

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

<b>Client:</b>	Aires Consulting Group					<b>Lab Order:</b>	17I0591			
<b>Project:</b>	DuPage HS 88/ Willowbrook High School									
<b>Client Sample ID:</b>	WWF-32B					<b>Lab ID:</b>	17I0591-68			
<b>Collection Date:</b>	9/19/17 6:36					<b>Matrix:</b>	Drinking Water			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/4/17 22:43	EPA200.8	JTC	
<b>Client Sample ID:</b>	WBF-32C					<b>Lab ID:</b>	17I0591-69			
<b>Collection Date:</b>	9/19/17 6:36					<b>Matrix:</b>	Drinking Water			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/4/17 22:47	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-33A					<b>Lab ID:</b>	17I0591-70			
<b>Collection Date:</b>	9/19/17 6:38					<b>Matrix:</b>	Drinking Water			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/4/17 23:54	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-33B					<b>Lab ID:</b>	17I0591-71			
<b>Collection Date:</b>	9/19/17 6:38					<b>Matrix:</b>	Drinking Water			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/4/17 23:59	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-34A					<b>Lab ID:</b>	17I0591-72			
<b>Collection Date:</b>	9/19/17 6:40					<b>Matrix:</b>	Drinking Water			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/5/17 0:03	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-34B					<b>Lab ID:</b>	17I0591-73			
<b>Collection Date:</b>	9/19/17 6:40					<b>Matrix:</b>	Drinking Water			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/5/17 0:16	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-35A					<b>Lab ID:</b>	17I0591-74			
<b>Collection Date:</b>	9/19/17 6:43					<b>Matrix:</b>	Drinking Water			
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/5/17 0:21	EPA200.8	JTC	

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: DuPage HS 88/ Willowbrook High School

Lab Order: 17I0591

Client Sample ID: WWF-35A

Lab ID: 17I0591-74

Collection Date: 9/19/17 6:43

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Client Sample ID: WWF-35B

Lab ID: 17I0591-75

Collection Date: 9/19/17 6:43

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/5/17 0:25	EPA200.8	JTC
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Client Sample ID: WWF-36A

Lab ID: 17I0591-76

Collection Date: 9/19/17 6:44

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/5/17 0:30	EPA200.8	JTC
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Client Sample ID: WWF-36B

Lab ID: 17I0591-77

Collection Date: 9/19/17 6:44

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/5/17 0:34	EPA200.8	JTC
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Client Sample ID: WWF-37A

Lab ID: 17I0591-78

Collection Date: 9/19/17 6:48

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/5/17 0:56	EPA200.8	JTC
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Client Sample ID: WWF-37B

Lab ID: 17I0591-79

Collection Date: 9/19/17 6:48

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/5/17 1:00	EPA200.8	JTC
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Client Sample ID: WBF-37C

Lab ID: 17I0591-80

Collection Date: 9/19/17 6:48

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/5/17 1:05	EPA200.8	JTC
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Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

<b>Client:</b>	Aires Consulting Group									
<b>Project:</b>	DuPage HS 88/ Willowbrook High School									
<b>Client Sample ID:</b>	WS-38A									
<b>Collection Date:</b>	9/19/17 6:50									
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:04	10/5/17 1:09	EPA200.8	JTC	
<b>Client Sample ID:</b>	WS-38B									
<b>Collection Date:</b>	9/19/17 6:50									
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 1:23	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-39A									
<b>Collection Date:</b>	9/19/17 6:54									
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 1:36	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-39B									
<b>Collection Date:</b>	9/19/17 6:54									
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 1:53	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-100A									
<b>Collection Date:</b>	9/19/17 5:24									
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 1:58	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-100B									
<b>Collection Date:</b>	9/19/17 5:25									
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 2:02	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-101A									
<b>Collection Date:</b>	9/19/17 5:26									
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 2:07	EPA200.8	JTC	

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

<b>Client:</b>	Aires Consulting Group									
<b>Project:</b>	DuPage HS 88/ Willowbrook High School					<b>Lab Order:</b> 17I0591				
<b>Client Sample ID:</b>	WWF-101B					<b>Lab ID:</b> 17I0591-88				
<b>Collection Date:</b>	9/19/17 5:27					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 2:11	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-102A					<b>Lab ID:</b> 17I0591-89				
<b>Collection Date:</b>	9/19/17 5:28					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 2:16	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-102B					<b>Lab ID:</b> 17I0591-90				
<b>Collection Date:</b>	9/19/17 5:29					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 2:20	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-103A					<b>Lab ID:</b> 17I0591-91				
<b>Collection Date:</b>	9/19/17 5:31					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 2:24	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-103B					<b>Lab ID:</b> 17I0591-92				
<b>Collection Date:</b>	9/19/17 5:32					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 2:29	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-104A					<b>Lab ID:</b> 17I0591-93				
<b>Collection Date:</b>	9/19/17 5:33					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 2:55	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-104B					<b>Lab ID:</b> 17I0591-94				
<b>Collection Date:</b>	9/19/17 5:34					<b>Matrix:</b> Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 3:00	EPA200.8	JTC	



Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: DuPage HS 88/ Willowbrook High School

Lab Order: 17I0591

Client Sample ID: WWF-104B

Lab ID: 17I0591-94

Collection Date: 9/19/17 5:34

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Client Sample ID: WWF-105A

Lab ID: 17I0591-95

Collection Date: 9/19/17 5:41

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 3:04	EPA200.8	JTC
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Client Sample ID: WWF-105B

Lab ID: 17I0591-96

Collection Date: 9/19/17 5:42

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 3:09	EPA200.8	JTC
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Client Sample ID: WBF-105C

Lab ID: 17I0591-97

Collection Date: 9/19/17 5:43

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 3:13	EPA200.8	JTC
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Client Sample ID: WWF-106A

Lab ID: 17I0591-98

Collection Date: 9/19/17 5:44

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 3:18	EPA200.8	JTC
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Client Sample ID: WWF-106B

Lab ID: 17I0591-99

Collection Date: 9/19/17 5:45

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 3:22	EPA200.8	JTC
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Client Sample ID: WWF-107

Lab ID: 17I0591-AA

Collection Date: 9/19/17 5:49

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 3:26	EPA200.8	JTC
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Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

<b>Client:</b>	Aires Consulting Group									
<b>Project:</b>	DuPage HS 88/ Willowbrook High School									
<b>Client Sample ID:</b>	WWF-107B									
<b>Collection Date:</b>	9/19/17 5:50									
						<b>Lab Order:</b>	17I0591			
						<b>Lab ID:</b>	17I0591-AB			
						<b>Matrix:</b>	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:06	10/5/17 3:31	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-108A									
<b>Collection Date:</b>	9/19/17 5:51									
						<b>Lab ID:</b>	17I0591-AC			
						<b>Matrix:</b>	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:16	10/5/17 4:02	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-108B									
<b>Collection Date:</b>	9/19/17 5:52									
						<b>Lab ID:</b>	17I0591-AD			
						<b>Matrix:</b>	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:16	10/5/17 4:15	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-109A									
<b>Collection Date:</b>	9/19/17 5:58									
						<b>Lab ID:</b>	17I0591-AE			
						<b>Matrix:</b>	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:16	10/5/17 4:19	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-109B									
<b>Collection Date:</b>	9/19/17 5:59									
						<b>Lab ID:</b>	17I0591-AF			
						<b>Matrix:</b>	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:16	10/5/17 4:24	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-110A									
<b>Collection Date:</b>	9/19/17 6:14									
						<b>Lab ID:</b>	17I0591-AG			
						<b>Matrix:</b>	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:16	10/5/17 4:28	EPA200.8	JTC	
<b>Client Sample ID:</b>	WWF-110B									
<b>Collection Date:</b>	9/19/17 6:15									
						<b>Lab ID:</b>	17I0591-AH			
						<b>Matrix:</b>	Drinking Water			
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst	
<b>Metals by ICP-MS</b>										
*Lead	U	2.00		µg/L	1	10/4/17 13:16	10/5/17 4:33	EPA200.8	JTC	

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

<b>Client:</b>	Aires Consulting Group					<b>Lab Order:</b>	17I0591				
<b>Project:</b>	DuPage HS 88/ Willowbrook High School										
<b>Client Sample ID:</b>	WBF-110C					<b>Lab ID:</b>	17I0591-AI				
<b>Collection Date:</b>	9/19/17 6:16					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 13:16	10/5/17 4:50	EPA200.8	JTC		
<b>Client Sample ID:</b>	WWF-111A					<b>Lab ID:</b>	17I0591-AJ				
<b>Collection Date:</b>	9/19/17 6:20					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 13:16	10/5/17 4:55	EPA200.8	JTC		
<b>Client Sample ID:</b>	WWF-111B					<b>Lab ID:</b>	17I0591-AK				
<b>Collection Date:</b>	9/19/17 6:21					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 13:16	10/5/17 4:59	EPA200.8	JTC		
<b>Client Sample ID:</b>	WWF-112A					<b>Lab ID:</b>	17I0591-AL				
<b>Collection Date:</b>	9/19/17 6:35					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 13:16	10/5/17 5:04	EPA200.8	JTC		
<b>Client Sample ID:</b>	WWF-112B					<b>Lab ID:</b>	17I0591-AM				
<b>Collection Date:</b>	9/19/17 6:36					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 13:16	10/5/17 5:08	EPA200.8	JTC		
<b>Client Sample ID:</b>	WWF-113A					<b>Lab ID:</b>	17I0591-AN				
<b>Collection Date:</b>	9/19/17 6:40					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	2.90	2.00		µg/L	1	10/4/17 13:16	10/5/17 5:21	EPA200.8	JTC		
<b>Client Sample ID:</b>	WWF-113B					<b>Lab ID:</b>	17I0591-AO				
<b>Collection Date:</b>	9/19/17 6:41					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 13:16	10/5/17 5:26	EPA200.8	JTC		

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: DuPage HS 88/ Willowbrook High School

Lab Order: 17I0591

Client Sample ID: WWF-113B

Lab ID: 17I0591-AO

Collection Date: 9/19/17 6:41

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
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Client Sample ID: WCS-114A

Lab ID: 17I0591-AP

Collection Date: 9/19/17 6:51

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:16	10/5/17 5:30	EPA200.8	JTC
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Client Sample ID: WCS-114B

Lab ID: 17I0591-AQ

Collection Date: 9/19/17 6:52

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:16	10/5/17 5:48	EPA200.8	JTC
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Client Sample ID: WCS-115A

Lab ID: 17I0591-AR

Collection Date: 9/19/17 6:53

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:16	10/5/17 5:52	EPA200.8	JTC
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Client Sample ID: WCS-115B

Lab ID: 17I0591-AS

Collection Date: 9/19/17 6:54

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:16	10/5/17 5:57	EPA200.8	JTC
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Client Sample ID: WCS-116A

Lab ID: 17I0591-AT

Collection Date: 9/19/17 6:55

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:16	10/5/17 6:01	EPA200.8	JTC
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Client Sample ID: WCS-116B

Lab ID: 17I0591-AU

Collection Date: 9/19/17 6:56

Matrix: Drinking Water

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

*Lead	U	2.00		µg/L	1	10/4/17 13:16	10/5/17 6:06	EPA200.8	JTC
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Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: DuPage HS 88/ Willowbrook High School

Lab Order: 17I0591

Client Sample ID: WCS-117A

Lab ID: 17I0591-AV

Collection Date: 9/19/17 6:57

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	U	2.00		µg/L	1	10/4/17 13:16	10/5/17 6:10	EPA200.8	JTC

Client Sample ID: WCS-117B

Lab ID: 17I0591-AW

Collection Date: 9/19/17 6:58

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	U	2.00		µg/L	1	10/4/17 13:19	10/5/17 6:24	EPA200.8	JTC

Client Sample ID: WCS-118A

Lab ID: 17I0591-AX

Collection Date: 9/19/17 6:58

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	U	2.00		µg/L	1	10/4/17 13:19	10/5/17 6:54	EPA200.8	JTC

Client Sample ID: WCS-118B

Lab ID: 17I0591-AY

Collection Date: 9/19/17 6:59

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	U	2.00		µg/L	1	10/4/17 13:19	10/5/17 6:59	EPA200.8	JTC

Client Sample ID: WCS-119A

Lab ID: 17I0591-AZ

Collection Date: 9/19/17 7:02

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	U	2.00		µg/L	1	10/4/17 13:19	10/5/17 7:03	EPA200.8	JTC

Client Sample ID: WCS-119B

Lab ID: 17I0591-BA

Collection Date: 9/19/17 7:03

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	U	2.00		µg/L	1	10/4/17 13:19	10/5/17 7:08	EPA200.8	JTC

Client Sample ID: WIM-120A

Lab ID: 17I0591-BB

Collection Date: 9/19/17 7:04

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	U	2.00		µg/L	1	10/4/17 13:19	10/5/17 7:12	EPA200.8	JTC

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

<b>Client:</b>	Aires Consulting Group					<b>Lab Order:</b>	17I0591				
<b>Project:</b>	DuPage HS 88/ Willowbrook High School										
<b>Client Sample ID:</b>	WWF-121A					<b>Lab ID:</b>	17I0591-BC				
<b>Collection Date:</b>	9/19/17 5:00					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 13:19	10/5/17 7:17	EPA200.8	JTC		
<b>Client Sample ID:</b>	WWF-121B					<b>Lab ID:</b>	17I0591-BD				
<b>Collection Date:</b>	9/19/17 5:00					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 13:19	10/5/17 7:21	EPA200.8	JTC		
<b>Client Sample ID:</b>	WWF-122A					<b>Lab ID:</b>	17I0591-BE				
<b>Collection Date:</b>	9/19/17 5:01					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 13:19	10/5/17 7:26	EPA200.8	JTC		
<b>Client Sample ID:</b>	WWF-122B					<b>Lab ID:</b>	17I0591-BF				
<b>Collection Date:</b>	9/19/17 5:01					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 13:19	10/5/17 7:30	EPA200.8	JTC		
<b>Client Sample ID:</b>	WBF-122C					<b>Lab ID:</b>	17I0591-BG				
<b>Collection Date:</b>	9/19/17 5:01					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 13:19	10/5/17 7:47	EPA200.8	JTC		
<b>Client Sample ID:</b>	WIF-40					<b>Lab ID:</b>	17I0591-BH				
<b>Collection Date:</b>	9/19/17 7:20					<b>Matrix:</b>	Drinking Water				
<b>Analyses</b>	<b>Result</b>	<b>Limit</b>	<b>Qual</b>	<b>Units</b>	<b>DF</b>	<b>Date Prepared</b>	<b>Date Analyzed</b>	<b>Method</b>	<b>Analyst</b>		
<b>Metals by ICP-MS</b>											
*Lead	U	2.00		µg/L	1	10/4/17 13:19	10/5/17 8:02	EPA200.8	JTC		
<b>Conventional Chemistry Parameters</b>											
pH	8.22	0.0100		pH Units	1	9/19/17 7:20	9/19/17 7:20	EPA150.1			

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: DuPage HS 88/ Willowbrook High School

Lab Order: 17I0591

## Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch A006127 - EPA 200.8 Metals

## Blank (A006127-BLK1)

Prepared &amp; Analyzed: 10/04/201

Lead	U	2.00	µg/L
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## LCS (A006127-BS1)

Prepared &amp; Analyzed: 10/04/201

Lead	471	2.00	µg/L	500.00	94	85-115
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## Matrix Spike (A006127-MS1)

Source: 17I0591-01

Prepared &amp; Analyzed: 10/04/201

Lead	470	2.00	µg/L	500.00	1.03	94	75-125
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## Matrix Spike (A006127-MS2)

Source: 17I0591-12

Prepared &amp; Analyzed: 10/04/201

Lead	466	2.00	µg/L	500.00	0.946	93	75-125
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## Matrix Spike Dup (A006127-MSD1)

Source: 17I0591-01

Prepared &amp; Analyzed: 10/04/201

Lead	469	2.00	µg/L	500.00	1.03	94	75-125	0.3	20
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## Matrix Spike Dup (A006127-MSD2)

Source: 17I0591-12

Prepared &amp; Analyzed: 10/04/201

Lead	473	2.00	µg/L	500.00	0.946	94	75-125	2	20
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## Batch A006128 - EPA 200.8 Metals

## Blank (A006128-BLK1)

Prepared &amp; Analyzed: 10/04/201

Lead	U	2.00	µg/L
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## LCS (A006128-BS1)

Prepared &amp; Analyzed: 10/04/201

Lead	478	2.00	µg/L	500.00	96	85-115
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## Matrix Spike (A006128-MS1)

Source: 17I0591-22

Prepared &amp; Analyzed: 10/04/201

Lead	468	2.00	µg/L	500.00	0.782	94	75-125
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Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: DuPage HS 88/ Willowbrook High School

Lab Order: 17I0591

## Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch A006128 - EPA 200.8 Metals

<b>Matrix Spike (A006128-MS2)</b>	<b>Source: 17I0591-32</b>			Prepared: 10/04/201 Analyzed: 10/05/201						
Lead	454	2.00	µg/L	500.00	0.0470	91	75-125			
<b>Matrix Spike Dup (A006128-MSD1)</b>	<b>Source: 17I0591-22</b>			Prepared & Analyzed: 10/04/201						
Lead	472	2.00	µg/L	500.00	0.782	94	75-125	0.7	20	
<b>Matrix Spike Dup (A006128-MSD2)</b>	<b>Source: 17I0591-32</b>			Prepared: 10/04/201 Analyzed: 10/05/201						
Lead	458	2.00	µg/L	500.00	0.0470	91	75-125	0.7	20	

## Batch A006129 - EPA 200.8 Metals

<b>Blank (A006129-BLK1)</b>				Prepared & Analyzed: 10/04/201						
Lead	U	2.00	µg/L							
<b>LCS (A006129-BS1)</b>				Prepared & Analyzed: 10/04/201						
Lead	472	2.00	µg/L	500.00		94	85-115			
<b>Matrix Spike (A006129-MS1)</b>	<b>Source: 17I0591-42</b>			Prepared & Analyzed: 10/04/201						
Lead	463	2.00	µg/L	500.00	0.871	92	75-125			
<b>Matrix Spike (A006129-MS2)</b>	<b>Source: 17I0591-52</b>			Prepared & Analyzed: 10/04/201						
Lead	469	2.00	µg/L	500.00	1.21	94	75-125			
<b>Matrix Spike Dup (A006129-MSD1)</b>	<b>Source: 17I0591-42</b>			Prepared & Analyzed: 10/04/201						
Lead	472	2.00	µg/L	500.00	0.871	94	75-125	2	20	
<b>Matrix Spike Dup (A006129-MSD2)</b>	<b>Source: 17I0591-52</b>			Prepared & Analyzed: 10/04/201						
Lead	460	2.00	µg/L	500.00	1.21	92	75-125	2	20	



Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: DuPage HS 88/ Willowbrook High School

Lab Order: 17I0591

## Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch A006130 - EPA 200.8 Metals

## Blank (A006130-BLK1)

Prepared &amp; Analyzed: 10/04/201

Lead	U	2.00	µg/L
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## LCS (A006130-BS1)

Prepared &amp; Analyzed: 10/04/201

Lead	470	2.00	µg/L	500.00	94	85-115
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## Matrix Spike (A006130-MS1)

Source: 17I0591-62

Prepared &amp; Analyzed: 10/04/201

Lead	466	2.00	µg/L	500.00	0.309	93	75-125
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## Matrix Spike (A006130-MS2)

Source: 17I0591-72

Prepared: 10/04/201 Analyzed: 10/05/201

Lead	464	2.00	µg/L	500.00	0.485	93	75-125
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## Matrix Spike Dup (A006130-MSD1)

Source: 17I0591-62

Prepared &amp; Analyzed: 10/04/201

Lead	468	2.00	µg/L	500.00	0.309	94	75-125	0.4	20
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## Matrix Spike Dup (A006130-MSD2)

Source: 17I0591-72

Prepared: 10/04/201 Analyzed: 10/05/201

Lead	457	2.00	µg/L	500.00	0.485	91	75-125	2	20
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## Batch A006131 - EPA 200.8 Metals

## Blank (A006131-BLK1)

Prepared: 10/04/201 Analyzed: 10/05/201

Lead	U	2.00	µg/L
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## LCS (A006131-BS1)

Prepared: 10/04/201 Analyzed: 10/05/201

Lead	478	2.00	µg/L	500.00	96	85-115
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## Matrix Spike (A006131-MS1)

Source: 17I0591-82

Prepared: 10/04/201 Analyzed: 10/05/201

Lead	465	2.00	µg/L	500.00	0.763	93	75-125
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Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: DuPage HS 88/ Willowbrook High School

Lab Order: 17I0591

## Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch A006131 - EPA 200.8 Metals

<b>Matrix Spike (A006131-MS2)</b>		<b>Source: 17I0591-92</b>		Prepared: 10/04/201 Analyzed: 10/05/201						
Lead	461	2.00	µg/L	500.00	0.0960	92	75-125			
<b>Matrix Spike Dup (A006131-MSD1)</b>		<b>Source: 17I0591-82</b>		Prepared: 10/04/201 Analyzed: 10/05/201						
Lead	465	2.00	µg/L	500.00	0.763	93	75-125	0.02	20	
<b>Matrix Spike Dup (A006131-MSD2)</b>		<b>Source: 17I0591-92</b>		Prepared: 10/04/201 Analyzed: 10/05/201						
Lead	460	2.00	µg/L	500.00	0.0960	92	75-125	0.1	20	

## Batch A006132 - EPA 200.8 Metals

<b>Blank (A006132-BLK1)</b>		Prepared: 10/04/201 Analyzed: 10/05/201								
Lead	U	2.00	µg/L							
<b>LCS (A006132-BS1)</b>		Prepared: 10/04/201 Analyzed: 10/05/201								
Lead	470	2.00	µg/L	500.00		94	85-115			
<b>Matrix Spike (A006132-MS1)</b>		<b>Source: 17I0591-AC</b>		Prepared: 10/04/201 Analyzed: 10/05/201						
Lead	461	2.00	µg/L	500.00	0.714	92	75-125			
<b>Matrix Spike (A006132-MS2)</b>		<b>Source: 17I0591-AM</b>		Prepared: 10/04/201 Analyzed: 10/05/201						
Lead	456	2.00	µg/L	500.00	0.217	91	75-125			
<b>Matrix Spike Dup (A006132-MSD1)</b>		<b>Source: 17I0591-AC</b>		Prepared: 10/04/201 Analyzed: 10/05/201						
Lead	453	2.00	µg/L	500.00	0.714	90	75-125	2	20	
<b>Matrix Spike Dup (A006132-MSD2)</b>		<b>Source: 17I0591-AM</b>		Prepared: 10/04/201 Analyzed: 10/05/201						
Lead	458	2.00	µg/L	500.00	0.217	92	75-125	0.5	20	

Prairie Analytical Systems, Inc.

Date: 10/10/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: DuPage HS 88/ Willowbrook High School

Lab Order: 17I0591

## Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch A006133 - EPA 200.8 Metals

## Blank (A006133-BLK1)

Prepared: 10/04/201 Analyzed: 10/05/201

Lead	U	2.00	µg/L
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## LCS (A006133-BS1)

Prepared: 10/04/201 Analyzed: 10/05/201

Lead	470	2.00	µg/L	500.00	94	85-115
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## Matrix Spike (A006133-MS1)

Source: 17I0591-AW

Prepared: 10/04/201 Analyzed: 10/05/201

Lead	462	2.00	µg/L	500.00	0.934	92	75-125
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## Matrix Spike (A006133-MS2)

Source: 17I0591-BG

Prepared: 10/04/201 Analyzed: 10/05/201

Lead	458	2.00	µg/L	500.00	ND	92	75-125
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## Matrix Spike Dup (A006133-MSD1)

Source: 17I0591-AW

Prepared: 10/04/201 Analyzed: 10/05/201

Lead	460	2.00	µg/L	500.00	0.934	92	75-125	0.4	20
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## Matrix Spike Dup (A006133-MSD2)

Source: 17I0591-BG

Prepared: 10/04/201 Analyzed: 10/05/201

Lead	462	2.00	µg/L	500.00	ND	92	75-125	0.8	20
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## Batch A006217 - EPA 200.8 Metals

## Blank (A006217-BLK1)

Prepared: 10/06/201 Analyzed: 10/09/201

Lead	U	2.00	µg/L
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## LCS (A006217-BS1)

Prepared: 10/06/201 Analyzed: 10/09/201

Lead	459	2.00	µg/L	500.00	92	85-115
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## Matrix Spike (A006217-MS1)

Source: 17I0591-11

Prepared: 10/06/201 Analyzed: 10/09/201

Lead	525	2.00	µg/L	500.00	68.8	91	75-125
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Prairie Analytical Systems, Inc.

Date: 10/10/2017

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**LABORATORY RESULTS**

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Client: Aires Consulting Group

Project: DuPage HS 88/ Willowbrook High School

Lab Order: 17I0591

**Metals by ICP-MS - Quality Control**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch A006217 - EPA 200.8 Metals**

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**Matrix Spike Dup (A006217-MSD1)****Source: 17I0591-11**

Prepared: 10/06/201 Analyzed: 10/09/201

Lead	550	2.00	µg/L	500.00	68.8	96	75-125	5	20	
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**Prairie Analytical Systems, Inc.****Date:** 10/10/2017

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**LABORATORY RESULTS**

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**Client:** Aires Consulting Group**Project:** DuPage HS 88/ Willowbrook High School**Lab Order:** 17I0591

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**Notes and Definitions**

\* NELAC certified compound.

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

# Chain of Custody Record

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



Client		Aires Consulting - Gallagher Bassett				Analysis and/or Method Requested				Reporting			
Address		1550 Hubbard Ave				Lead in Drinking Water - IL				TACO			
City, State, Zip Code		Batavia, IL 60510								Residential			
Phone / Facsimile		630.879.3006								Industrial / Commercial			
Project Name / Number		Dupage HS 88								A <input type="checkbox"/> D <input type="checkbox"/>			
Project Location		Willbrook High School								B <input type="checkbox"/> E <input type="checkbox"/>			
P.O. # or Invoice #		17-18305				C <input type="checkbox"/> F <input type="checkbox"/>				Residential			
Contact Person		Geoff Bacci II				RISC				Industrial			
Sample Description		Sampling Date		Time		Matrix Code		Preserv Code		No. of Containers		Sample Type	
												Comp	
												Grab	
See attached Addendum ( 7 pages) for sample information (133 samples)													
<p><b>Unless otherwise noted:</b></p> <p>Matrix Code: DW</p> <p>Preservative Code: 0</p> <p>No. of containers per sample: 1</p> <p>Sample Type: Grab</p> <p>Analysis requested: Lead in Drinking Water</p>													
Matrix Code		A - Aqueous		DW - Drinking Water		NA - Non-Aqueous Liquid		S - Solid		O - Oil		X - Other (Specify)	
Preservative Code		0 - None		1 - HCl		3 - HNO3		4 - NaOH		5 - 5035 Kit		X - Other (Specify)	
Requisitioned By		Date		Time		Received By		Date		Time		Method of Shipment	
O. S. Bassett		8/21/17		8:30		W. C. Bassett		9/24/17		12:10			
W. C. Bassett		9/21/17		1500		J. S. Bassett		9/21/17		1500			
W. C. Bassett		9/21/17		1700		J. S. Bassett		9/22/17		10:25		UPS	
Instructions:												Temperature (°C)	
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>												19.7	
Date Required:												On wet ice? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

Appendix III

ISBE ID: 190220880160002

Building ID: 0001

Building Description: Willowbrook High School

Sample Collection Date: 9/19/2017

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
5:14 AM	WKS-1A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:14 AM	WKS-1B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:15 AM	WKS-2A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:15 AM	WKS-2B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:16 AM	WKS-3A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:16 AM	WKS-3B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:17 AM	WKS-4A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:17 AM	WKS-4B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:18 AM	WKS-5A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:18 AM	WKS-5B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:19 AM	WKS-6A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:19 AM	WKS-6B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:20 AM	WKS-7A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:20 AM	WKS-7B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:21 AM	WKS-8A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:21 AM	WKS-8B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:22 AM	WKS-9A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:22 AM	WKS-9B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:23 AM	WKS-10A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:23 AM	WKS-10B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:24 AM	WKS-11A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	

190220880160002

ISBE ID:

Building ID:

0001

Building Description:

Willowbrook High School

Sample Collection Date:

9/19/2017

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
5:24 AM	WKS-11B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:26 AM	WKS-12A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:26 AM	WKS-12B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:28 AM	WKS-13A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:28 AM	WKS-13B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:30 AM	WKS-14A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:30 AM	WKS-14B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:31 AM	WKS-15A	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	First Draw	250	
5:31 AM	WKS-15B	Kitchen	KS - Kitchen Sink	9/18/2017	6:00 PM	Flush	250	
5:33 AM	WIM-16A	Kitchen	IM - Ice Machine	9/18/2017	6:00 PM	First Draw	250	
5:33 AM	WWF-17A	Cafeteria	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:35 AM	WWF-17B	Cafeteria	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:35 AM	WBF-17C	Cafeteria	O - Other	9/18/2017	6:00 PM	First Draw	250	bottle fill
5:37 AM	WWF-18A	Cafeteria	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:37 AM	WWF-18B	Cafeteria	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:40 AM	WBF-18C	Cafeteria	O - Other	9/18/2017	6:00 PM	First Draw	250	bottle fill
5:41 AM	WWF-19A	Cafeteria	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:41 AM	WWF-19B	Cafeteria	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:52 AM	WWF-20A	Music wing	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:52 AM	WWF-20B	Music wing	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:54 AM	WWF-21A	Outside T1-8	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	



190220880160002

ISBE ID:

Building ID:

Building Description: Willowbrook High School

Sample Collection Date: 9/19/2017

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
5:54 AM	WWF-21B	Outside T1-8	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:54 AM	WBF-21C	Outside T1-8	O - Other	9/18/2017	6:00 PM	First Draw	250	bottle fill
6:00 AM	WWF-22A	Nurses office	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:00 AM	WWF-22B	Nurses office	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:00 AM	WBF-22C	Nurses office	O - Other	9/18/2017	6:00 PM	First Draw	250	bottle fill
6:05 AM	WWF-23A	PE-102	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:05 AM	WWF-23B	PE-102	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:09 AM	WWF-24A	PE-100	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:09 AM	WWF-24B	PE-100	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:15 AM	WWF-25A	Aux gym	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:15 AM	WWF-25B	Aux gym	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:20 AM	WWF-26A	Faculty café	O - Other	9/18/2017	6:00 PM	First Draw	250	water dispenser
6:20 AM	WWF-26B	Faculty café	O - Other	9/18/2017	6:00 PM	Flush	250	water dispenser
6:20 AM	WBF-26C	Faculty café	O - Other	9/18/2017	6:00 PM	First Draw	250	water dispenser
6:22 AM	WWF-27A	Outside A127	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:22 AM	WWF-27B	Outside A127	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:25 AM	WWF-28A	Outside A127	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:25 AM	WWF-28B	Outside A127	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:28 AM	WWF-29A	Outside A150	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:28 AM	WWF-29B	Outside A150	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:31 AM	WWF-30A	Auto shop	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	

ISBE ID: 190220880160002

Building ID: 

Building Description: Willowbrook High School

Sample Collection Date: 9/19/2017

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
6:31 AM	WWF-30B	Auto shop	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:34 AM	WWF-31A	Outside A138	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:34 AM	WWF-31B	Outside A138	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:36 AM	WWF-32A	Outside A113	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:36 AM	WWF-32B	Outside A113	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:36 AM	WBF-32C	Outside A113	O - Other	9/18/2017	6:00 PM	First Draw	250	bottle fill
6:38 AM	WWF-33A	Main hall	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:38 AM	WWF-33B	Main hall	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:40 AM	WWF-34A	Main hall	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:40 AM	WWF-34B	Main hall	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:43 AM	WWF-35A	Outside T1-16	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:43 AM	WWF-35B	Outside T1-16	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:44 AM	WWF-36A	Outside T1-16	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:44 AM	WWF-36B	Outside T1-16	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:48 AM	WWF-37A	Outside lib test center	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:48 AM	WWF-37B	Outside lib test center	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:48 AM	WBF-37C	Outside lib test center	O - Other	9/18/2017	6:00 PM	First Draw	250	bottle fill
6:50 AM	WS-38A	Media center office	S - Sink	9/18/2017	6:00 PM	First Draw	250	
6:50 AM	WS-38B	Media center office	S - Sink	9/18/2017	6:00 PM	Flush	250	
6:54 AM	WWF-39A	Social services	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:54 AM	WWF-39B	Social services	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	

ISBE ID: 190220880160002

Building ID:

Building Description: Willowbrook High School

Sample Collection Date: 9/19/2017

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
5:24 AM	WWF-100A	Across A319	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:25 AM	WWF-100B	Across A319	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:26 AM	WWF-101A	Across A319	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:27 AM	WWF-101B	Across A319	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:28 AM	WWF-102A	Next to A304	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:29 AM	WWF-102B	Next to A304	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:31 AM	WWF-103A	Next to A304	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:32 AM	WWF-103B	Next to A304	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:33 AM	WWF-104A	Next to T3-3	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:34 AM	WWF-104B	Next to T3-3	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:41 AM	WWF-105A	Next to A226	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:42 AM	WWF-105B	Next to A226	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:43 AM	WWF-105C	Next to A226	O - Other	9/18/2017	6:00 PM	First Draw	250	bottle fill
5:44 AM	WWF-106A	Next to A226	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:45 AM	WWF-106B	Next to A226	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:49 AM	WWF-107A	Across A214	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:50 AM	WWF-107B	Across A214	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	

ISBE ID: 190220880160002



Building ID:

Building Description: Willowbrook High School

Sample Collection Date: 9/19/2017

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
5:51 AM	WWF-108A	Across A203	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:52 AM	WWF-108B	Across A203	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
5:58 AM	WWF-109A	Across A236	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
5:59 AM	WWF-109B	Across A236	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:14 AM	WWF-110A	Fitness center	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:15 AM	WWF-110B	Fitness center	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:16 AM	WBF-110C	Fitness center	O - Other	9/18/2017	6:00 PM	First Draw	250	bottle fill
6:20 AM	WWF-111A	PE002	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:21 AM	WWF-111B	PE002	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:35 AM	WWF-112A	Girls PE locker room	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:36 AM	WWF-112B	Girls PE locker room	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:40 AM	WWF-113A	F101	WF - Water Cooler	9/18/2017	6:00 PM	First Draw	250	
6:41 AM	WWF-113B	F101	WF - Water Cooler	9/18/2017	6:00 PM	Flush	250	
6:51 AM	WCS-114A	A107	S - Sink	9/18/2017	6:00 PM	First Draw	250	
6:52 AM	WCS-114B	A107	S - Sink	9/18/2017	6:00 PM	Flush	250	
6:53 AM	WCS-115A	A107	S - Sink	9/18/2017	6:00 PM	First Draw	250	
6:54 AM	WCS-115B	A107	S - Sink	9/18/2017	6:00 PM	Flush	250	
6:55 AM	WCS-116A	A107	S - Sink	9/18/2017	6:00 PM	First Draw	250	
6:56 AM	WCS-116B	A107	S - Sink	9/18/2017	6:00 PM	Flush	250	
6:57 AM	WCS-117A	A107	S - Sink	9/18/2017	6:00 PM	First Draw	250	
6:58 AM	WCS-117B	A107	S - Sink	9/18/2017	6:00 PM	Flush	250	



1000

Willowbrook High Sch

9/19/2017

Dan Petras

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Thursday, December 7, 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/ Willowbrook High School Retest

PAS WO: 17K0620

Prairie Analytical Systems, Inc. received 7 sample(s) on 11/17/2017 for the analyses presented in the following report.

All applicable quality control procedures met method specific acceptance criteria unless otherwise noted.

This report shall not be reproduced, except in full, without the prior written consent of Prairie Analytical Systems, Inc.

If you have any questions, please feel free to contact me at (224) 253-1348.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Christina E. Pierce".

Christina E. Pierce  
Project Manager

**Certifications:** NELAP/NELAC - IL #100323

---

1210 Capital Airport Drive	*	Springfield, IL 62707	*	1.217.753.1148	*	1.217.753.1152 Fax
9114 Virginia Road Suite #112	*	Lake in the Hills, IL 60156	*	1.847.651.2604	*	1.847.458.0538 Fax

Prairie Analytical Systems, Inc.

Date: 12/7/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: DuPage HS 88/ Willowbrook High School Retest

Lab Order: 17K0620

Client Sample ID: WKS-6A-RE

Lab ID: 17K0620-01

Collection Date: 11/17/17 5:59

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	15.6	2.00		µg/L	1	11/29/17 15:00	11/30/17 18:07	EPA200.8 R5.	KSH

Client Sample ID: WKS-6B-RE

Lab ID: 17K0620-02

Collection Date: 11/17/17 6:00

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	U	2.00		µg/L	1	11/29/17 15:00	11/30/17 18:10	EPA200.8 R5.	KSH

Client Sample ID: WWF-24A-RE

Lab ID: 17K0620-03

Collection Date: 11/17/17 6:05

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	U	2.00		µg/L	1	11/29/17 15:00	11/30/17 18:12	EPA200.8 R5.	KSH

Client Sample ID: WWF-24B-RE

Lab ID: 17K0620-04

Collection Date: 11/17/17 6:06

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	2.96	2.00		µg/L	1	11/29/17 15:00	11/30/17 18:14	EPA200.8 R5.	KSH

Client Sample ID: WWF-22A-RE

Lab ID: 17K0620-05

Collection Date: 11/17/17 6:09

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	U	2.00		µg/L	1	11/29/17 15:00	11/30/17 18:16	EPA200.8 R5.	KSH

Client Sample ID: WWF-22B-RE

Lab ID: 17K0620-06

Collection Date: 11/17/17 6:09

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	U	2.00		µg/L	1	11/29/17 15:00	11/30/17 18:19	EPA200.8 R5.	KSH

Client Sample ID: WBF-22C-RE

Lab ID: 17K0620-07

Collection Date: 11/17/17 6:09

Matrix: Drinking Water

Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
<b>Metals by ICP-MS</b>									
*Lead	3.03	2.00		µg/L	1	11/29/17 15:00	11/30/17 18:21	EPA200.8 R5.	KSH

**Prairie Analytical Systems, Inc.****Date:** 12/7/2017

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**LABORATORY RESULTS**

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**Client:** Aires Consulting Group**Project:** DuPage HS 88/ Willowbrook High School Retest**Lab Order:** 17K0620

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Prairie Analytical Systems, Inc.

Date: 12/7/2017

## LABORATORY RESULTS

Client: Aires Consulting Group

Project: DuPage HS 88/ Willowbrook High School Retest

Lab Order: 17K0620

## Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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## Batch A007740 - EPA 200.8 Metals

## Blank (A007740-BLK1)

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

Lead	U	2.00	µg/L
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## LCS (A007740-BS1)

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

Lead	460	2.00	µg/L	500.00	92	85-115
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## Matrix Spike (A007740-MS1)

Source: 17K0619-08

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

Lead	445	2.00	µg/L	500.00	0.861	89	75-125
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## Matrix Spike (A007740-MS2)

Source: 17K0621-02

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

Lead	443	2.00	µg/L	500.00	0.200	89	75-125
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## Matrix Spike Dup (A007740-MSD1)

Source: 17K0619-08

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

Lead	442	2.00	µg/L	500.00	0.861	88	75-125	0.5	20
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## Matrix Spike Dup (A007740-MSD2)

Source: 17K0621-02

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

Lead	444	2.00	µg/L	500.00	0.200	89	75-125	0.3	20
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**Prairie Analytical Systems, Inc.****Date:** 12/7/2017

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**LABORATORY RESULTS**

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**Client:** Aires Consulting Group**Project:** DuPage HS 88/ Willowbrook High School Retest**Lab Order:** 17K0620

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**Notes and Definitions**

\* NELAC certified compound.

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

# Chain of Custody Record

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



Client		Aires Consulting - Gallagher Bassett				Analysis and/or Method Requested										Reporting							
Address		1550 Hubbard Ave				Lead in Drinking Water - IL										TACO							
City, State, Zip Code		Batavia, IL 60510														Residential							
Phone / Facsimile		630.879.3006														Industrial / Commercial							
Project Name / Number		Dupage HS 88														A <input type="checkbox"/> D <input type="checkbox"/>							
Project Location		Willowbrook High School-Retest														B <input type="checkbox"/> E <input type="checkbox"/>							
P.O. # or Invoice To		17-18305														C <input type="checkbox"/> F <input type="checkbox"/>							
Contact Person		Geoff Bacci II														Residential <input type="checkbox"/>							
Sample Description		Sampling		Matrix		Preserv		No. of		Sample Type		Sampler Comments											
		Date		Code		Code		Containers		Comp												Grab	
		11.17.17																					
See attached Addendum ( 2 pages) for sample information ( 7 samples)																							
Unless otherwise noted:																							
Matrix Code: DW																							
Preservative Code: 0																							
No. of containers per sample: 1																							
Sample Type: Grab																							
Analysis requested: Lead in Drinking Water																							
Matrix Code		A - Aqueous		DW - Drinking Water		GW - Ground Water		NA - Non-Aqueous Liquid		S - Solid		O - Oil		X - Other (Specify)									
Preservative Code		0 - None		1 - HCl		2 - H2SO4		3 - HNO3		4 - NaOH		5 - 5035 Kit		X - Other (Specify)									
Relinquished By		Date		Time		Date		Time		Date		Time		Method of Shipment									
[Signature]		11.17.17		11:15 am		11.17.17		8 AM		11.17.17		11:15		UPS									
[Signature]		11.20.17		12:00		11.20.17		10:45		11.20.17		10:45		UPS									
Instructions:																							
Turnaround Time: Standard <input checked="" type="checkbox"/> Rush <input type="checkbox"/>		QC Level		On wet ice?		Temperature (°C)																	
Date Required:		2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/>		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		16.9																	

Appendix IV

Old Collection-CoC Addendum  
S CoC - Aires