

Lockport Elementary School District 91

808 Adams Street

Lockport, Illinois 60441

Donna J. Gray, Superintendent

www.d91.net

"Education is our connection to the future"

October 10, 2017

James E. Pierson
Director of Building and Grounds
Lockport School District 91
808 Adams Street
Lockport, Illinois 60441-3710

School District 91 Staff, Parents and Guardians of Lockport School District 91 Students:

In the past few years, lead found in water supplies has become a major topic across the nation. In response to this concern, on January 17, 2017, Governor Rauner sign into law;

SB 0550-The Lead in Drinking Water Testing Bill.

This law requires that all school buildings constructed prior to January 1, 1987 have all drinking water and water used for food preparation tested by December 31, 2017. Additionally, any building constructed between January 2, 1987 and January 1, 2000, is required to have all drinking water and water used for food preparation tested by December 31, 2018. Lockport School District 91 has proactively replaced all drinking fountains and food preparation area faucets that were installed in our buildings prior to January 1, 1987.

On April 4, 2017, both Kelvin Grove and Milne Grove were tested for lead in the water at the above mentioned required areas. At Kelvin Grove, sixteen (16) sources and at Milne Grove, fourteen (14) sources were identified as required to be tested. Under the current testing protocol, two (2) water samples are required from each source. The first sample is taken immediately and the second sample after flushing the source for thirty (30) seconds. Additionally, any water fountains that have a water bottle filling station, must have a third sample drawn from the bottle filler. The first water sample from each source is taken after the source has not been used for at least eight (8) hours, but not been idle for more than eighteen (18) hours. As the day of sampling occurred after an extended four (4) day weekend, all of the sources were flushed between 8:00 pm and 9:00 pm on April 3rd. This ensured that none of the sources to be sampled were idle for more than eighteen (18) hours.

Upon receiving the results, it was brought to our attention that one (1) source out of the thirty (30) tested exceeded the limits as defined by the USEPA (United States Environmental Protection Agency). The limits set by the USEPA is 15 PPB (Parts Per Billion). This was amended by the IDPH (Illinois Department of Public Health) to 5 PPB. The statute states that any source testing more than PPB is to take corrective action to reduce the lead content below the limits set by the USEPA and IDPH. This source was a sink at Milne Grove School used mainly for hand washing. Since receiving the results on Thursday, May 11th, corrective action was taken. On Friday, May 12, 2017 the faucet

Mrs. Jaime Koziol, Principal
Phone: 838-0542 X104
Fax: 815-838-6893

Mr. John R. Jennings II, Principal
Phone: 838-0737 X105
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originally installed during construction in 1969, was replaced and an under the sink drinking water filtration system rated to remove lead and other heavy metals was installed. This faucet was limited to use only for hand washing and cleaning until such time as it was re-tested and the results indicate that the lead content in the water is below the limits set by the USEPA and IDPH.

As required by the statute, this location and an additional water fountain/bottle filling station that was not in service on the original testing day were retested. These two locations were tested on Wednesday, September 13, 2017 at 7:00am. Both of these locations were flushed between 10:15 and 10:30pm on Tuesday, September 12, 2017 to ensure that they were not idle for more than 18 hours. On Monday, October 9, 2017 the test results were received with the results being "U"- Undetectable, which translates to <2 ppb (less than 2 parts per billion). This is below the 5 ppb as set by the IDPH.

As of this date, all sources for drinking water within the district's building have been tested and have passed all of the protocols that are defined in the law.

The complete protocols, procedures, sources tested, documentation, and test results may be found on District 91's website, www.D91.net . Additionally, should you be in need of further information, you may access the USEPA's website at:

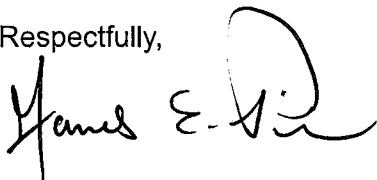
<https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>

Should you have any concerns or if the above information elicits additional questions, please feel free to contact:

Mr. Jim Pierson
Director of Building and Grounds
jpierson@d91.net
815-838-0737 Extension 1146

I will reply promptly to any questions or concerns that you may have.

Respectfully,



James E. Pierson
Director of Building and Grounds



A DIVISION OF GALLAGHER BASSETT SERVICES, INC.

Corporate Headquarters, Rolling Meadows, Illinois

1550 HUBBARD AVE.
BATAVIA, ILLINOIS 60510
PHONE: 630.879.3006
800-247-3799
FAX: 630.879.3014
WWW.AIRESCONSULTING.COM

October 9, 2017

Mr. Jim Pierson
Director of Maintenance/Buildings & Grounds
Lockport School District 91
808 Adams Street
Lockport, Illinois 60441-3710

Dear Mr. Pierson:

Lockport School District #91 implemented a proactive program of water testing at the District buildings. At the District's request multiple locations at Milne school were re-tested. Laboratory reports are attached. Sampling sheets indicating sample locations are attached. All sample results were non-detectable (< 2 ppb).

For more information on sample methodology, regulations and health effects please refer to the Aires District report previously submitted.

Sincerely,

Geoffrey J. Bacci, PE, LEED AP
Director - Operations

GJBll:rm
Enclosures

17-18273.ENV

BUILDING SCIENCES

SAFETY & OCCUPATIONAL
HEALTH SERVICES

OSHA COMPLIANCE

ACCREDITED LABORATORY
NVLAP LAB CODE
101014-0

ENVIRONMENTAL
ENGINEERING

EPA COMPLIANCE

DESIGN & CONSTRUCTION

Appendix I

ISBE ID	Building ID	Building Description	Sample Date	Sample Time (12 Hr Clock)	Collected By	Sample ID Number	Sample Location Description	Fixture Type	Date of Last Use	Time of Last Use (12 HR Clock)	Sample Type	Sample Volume (mL)	Laboratory Name	Analytical Method	Concentration (ug/L)	Reporting Limit (ug/L)	Notes
560890910032001			09/13/2017	07:12 AM	Esteban Pena	MS-01A	Nurses Office	S - Sink	09/12/2017	10:15 PM	First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
560890910032001			09/13/2017	07:13 AM	Esteban Pena	MS-01B	Nurses Office	S - Sink	09/12/2017	10:15 PM	Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
560890910022001			09/13/2017	07:14 AM	Esteban Pena	MWF-02A	Gym - Girl's Bathroom	DF - Drinking Fo	09/12/2017	10:15 PM	First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
560890910022001			09/13/2017	07:15 AM	Esteban Pena	MWF-02B	Gym - Girl's Bathroom	DF - Drinking Fo	09/12/2017	10:15 PM	Flush	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	
560890910022001			09/13/2017	07:16 AM	Esteban Pena	MB-02C	Gym - Girl's Bathroom	O - Other	09/12/2017	10:15 PM	First Draw	250	Prairie Analytical	EPA 200.8	ND	2.00 ppb	

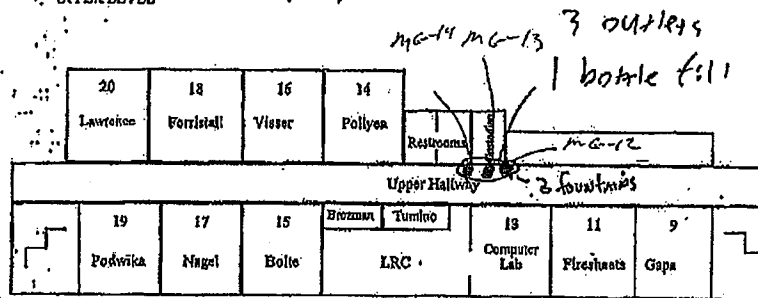
* 2 bottle fills

81/98/2887 12:02 81E9344399

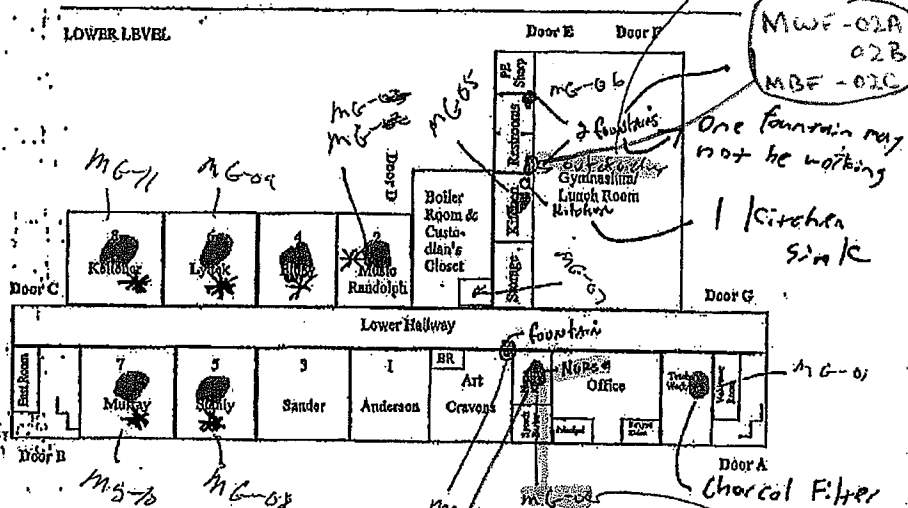
MILNE GROVE
ELEMENTARY SCHOOL

K-3

UPPER LEVEL



LOWER LEVEL



* Sample Pre-1c, Kindergarten, Special Needs Classrooms

MS-01A
01B

Stainless Steel Sink





Tuesday, October 3, 2017

Geoff Bacci II
Aires Consulting Group
1550 Hubbard Ave.
Batavia, IL 60510

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

RE: 17-18273 Lockport School District 91/ Milne School

PAS WO: 1710502

Prairie Analytical Systems, Inc. received 5 sample(s) on 9/15/2017 for the analyses presented in the following report.

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

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

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

Respectfully submitted,

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: 10/3/2017

LABORATORY RESULTS

Client:	Aires Consulting Group	Lab Order:	17I0502						
Project:	17-18273 Lockport School District 91/ Milne School	Lab ID:	17I0502-01						
Client Sample ID:	MS-01A	Matrix:	Drinking Water						
Collection Date:	9/13/17 7:12								
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	10/2/17 8:03	10/3/17 0:11	EPA200.8	LAH
Client Sample ID:	MS-01B	Lab ID:	17I0502-02						
Collection Date:	9/13/17 7:13	Matrix:	Drinking Water						
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	10/2/17 8:03	10/3/17 0:13	EPA200.8	LAH
Client Sample ID:	MWF-02A	Lab ID:	17I0502-03						
Collection Date:	9/13/17 7:14	Matrix:	Drinking Water						
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	10/2/17 8:03	10/3/17 0:16	EPA200.8	LAH
Client Sample ID:	MWF-02B	Lab ID:	17I0502-04						
Collection Date:	9/13/17 7:15	Matrix:	Drinking Water						
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	10/2/17 8:03	10/3/17 0:19	EPA200.8	LAH
Client Sample ID:	MBF-02C	Lab ID:	17I0502-05						
Collection Date:	9/13/17 7:16	Matrix:	Drinking Water						
Analyses	Result	Limit	Qual	Units	DF	Date Prepared	Date Analyzed	Method	Analyst
Metals by ICP-MS									
*Lead	U	2.00		µg/L	1	10/2/17 8:03	10/3/17 0:22	EPA200.8	LAH

Prairie Analytical Systems, Inc.

Date: 10/3/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18273 Lockport School District 91/ Milne School

Lab Order: 1710502

Metals by ICP-MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch A006058 - EPA 200.8 Metals										
Blank (A006058-BLK1)				Prepared & Analyzed: 10/02/201						
Lead	U	2.00	µg/L							
LCS (A006058-BS1)				Prepared & Analyzed: 10/02/201						
Lead	522	2.00	µg/L	500.00		104	85-115			
Matrix Spike (A006058-MS1)				Source: 17I0500-57 Prepared & Analyzed: 10/02/201						
Lead	523	2.00	µg/L	500.00	1.53	104	75-125			
Matrix Spike (A006058-MS2)				Source: 17I0503-03 Prepared: 10/02/201 Analyzed: 10/03/201						
Lead	519	2.00	µg/L	500.00	13.9	101	75-125			
Matrix Spike Dup (A006058-MSD1)				Source: 17I0500-57 Prepared & Analyzed: 10/02/201						
Lead	508	2.00	µg/L	500.00	1.53	101	75-125	3	20	
Matrix Spike Dup (A006058-MSD2)				Source: 17I0503-03 Prepared: 10/02/201 Analyzed: 10/03/201						
Lead	510	2.00	µg/L	500.00	13.9	99	75-125	2	20	

Prairie Analytical Systems, Inc.

Date: 10/3/2017

LABORATORY RESULTS

Client: Aires Consulting Group

Project: 17-18273 Lockport School District 91/ Milne School

Lab Order: 1710502

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		Address		City/State/Zip Code		Phone/Facsimile		Project Name/Number		Project Location		P.O. # or Invoice To		Contact Person			
Aires Consulting - Gallagher Bassett		1550 Hubbard Ave		Batavia, IL 60510		630.879.3006		Lockport School District 91		Milne School		17-18273		Geoff Bacci II			
Sample Description	Date	Sampling Time	Matrix Code	Preserv Code	No. of Containers	Sample Type	Analysis and/or Method Requested									Reporting	
Lead in Drinking Water - IL							Lead in Drinking Water - IL									<input type="checkbox"/> CCDD <input type="checkbox"/> Residential <input type="checkbox"/> Industrial / Commercial <input type="checkbox"/> A <input type="checkbox"/> D <input type="checkbox"/> B <input type="checkbox"/> E <input type="checkbox"/> C <input type="checkbox"/> F <input type="checkbox"/> Residential <input type="checkbox"/> Industrial Sampler Comments	
See attached Addendum (1 pages) for sample information (5 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	Preservative Code	A - Aqueous	DW - Drinking Water	GW - Ground Water	NA - Non-Aqueous Liquid	S - Solid	O - Oil	X - Other (Specify)	Date	Time	Received By	Date	Time	Method of Shipment	Temperature (°C)		
		0 - None	1 - HCl	2 - H2SO4	3 - HNO3	4 - NaOH	5 - 5035 Kit		9/13/17	11:30 AM	ALBergin	9/14/17	9:30pm	Appendix	22.1		
									9/15/17	12:35pm	(Signature)	9/15/17	12:35				
									9/18/17	1:00	(Signature)	9-18-17	10:45	UPS			
All Instructions:																	

