

Mr. Albert Tijerina
East Aurora School District 131
Director of Building and Grounds
411 Hill Avenue
Aurora, Illinois 60505

**RE: Lead Sampling in Potable Water
Cowherd Middle School
441 Farnsworth Avenue, Aurora, IL 60505**

Dear Mr. Tijerina:

The following letter report summarizes the laboratory results for the drinking water samples collected from the potable water sources at Cowherd Middle School in Aurora, Illinois. The sampling was conducted on September 29, 2017 by Mr. Matthew Rodriguez of Weaver Consultants Group (WCG). Mr. Rodriguez conducted the sampling under the direction of Mr. David J. Kedrowski, CIH.

SCOPE OF WORK

The scope of work for this project involved collecting water samples from pre-identified water locations. The potable locations were provided to WCG by East Aurora School District 131. The collected potable water samples were then analyzed for lead by an accredited laboratory.

METHODOLOGY

WCG followed protocols set by U.S. Environmental Protection Agency (EPA) and Illinois Department of Public Health (IDPH) for testing schools for lead in drinking water. Representatives from East Aurora School District 131 confirmed the school was under normal use and ensured the water settled within the piping systems/fixtures for between eight (8) to eighteen (18) hours.

Fifty-four (54) water samples from representative potable water locations were collected in 250 milliliter bottles. The water samples were collected as a "first draw" from each source to represent a lead concentration from water allowed to sit within the pipes or drinking reservoirs for at least eight (8) hours and not more than eighteen (18) hours. A second sample was collected from each location after a 30 second flush to represent water from within the building's localized water piping system. Potable water sources generally included drinking fountains, Nurses' Offices, Teachers' Lounges, kitchen faucets and preschool, kindergarten, and first floor classroom sinks, etc.

At the request of the District, non-potable samples were collected at the water main to the building to establish a baseline. As this is a non-potable source, the results likely do not represent water within the building system but rather sediment at the water main valve or within the sampling connections used to draw the sample. Water samples collected at each potable fixture should instead be relied upon as representative of the drinking water within the building.

Each sample was labeled with a unique sample number identifying the school. The samples were transported to Suburban Labs Incorporated (Suburban) in Geneva, Illinois. Samples were analyzed for lead content using EPA Method 200.8 "Determination of Trace Elements in Water using Inductively Coupled Plasma (ICP)/Mass Spectrometry (MS). Suburban is accredited to analyze lead in potable drinking water under the National Environmental Laboratory Accreditation Program (NELAP).

RESULTS

The results of the water sample analysis revealed that one (1) sample of the fifty-four (54) collected had lead concentrations above the IDPH Action Level of 2 ppb ($\mu\text{g/L}$). All sample results that exceed 5 $\mu\text{g/L}$ should be promptly reported to parents or guardians of the enrolled students as required by the Illinois Department of Public Health (IDPH).

CONCLUSIONS AND RECOMMENDATIONS

- 1) Within 7 business days of receipt of test results, schools must email all results to IDPH at DPH.LeadH20@illinois.gov. **WCG will email these results on behalf of East Aurora School District 131.**
- 2) All sample results that exceed 5 $\mu\text{g/L}$ should be promptly reported to parents or guardians of all enrolled students in writing or electronically and include:
 - The location and source exceeding 5 $\mu\text{g/L}$.
 - 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>.
- 3) Implement corrective action for fixtures greater than 2 $\mu\text{g/L}$.
- 4) Implement best practices to minimize lead concentrations in drinking water.

BEST PRACTICES

Best practices for managing elevated lead concentrations in drinking water may include implementing a water quality management plan (WQMP), establishing a routine water flushing program for potable sources daily or during periods of low occupancy or low water usage, routine maintenance to clean screens and aerators, and confirmation sampling. In addition, occupants should avoid consuming water from non-potable sources i.e. classroom or office sinks, washroom sinks, maintenance closets, etc. and hot water taps.

A summary of the sample locations and results may be found in Appendix A and the laboratory report with chain of custody sheets may be found in Appendix B. We appreciate the opportunity to assist you on this important project.

Sincerely,

Weaver Consultants Group North Central, LLC



David J. Kedrowski, CIH
Senior Project Director

APPENDIX A

Lead in Potable Water Sample Results

**Cowherd Middle School
441 Farnsworth Avenue
Aurora, IL 60505**

ISBE ID	Sample Date	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	Concentration (ug/L)
310451310221004	11/11/2017	08:40 AM	COWHE-01A	1st Floor - By Entrance 8 and Men's Bathroom (Left)	DF - Drinking Fountain	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	08:40 AM	COWHE-01B	1st Floor - By Entrance 8 and Men's Bathroom (Left)	DF - Drinking Fountain	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	08:40 AM	COWHE-02A	1st Floor - By Entrance 8 and Men's Bathroom (Right)	DF - Drinking Fountain	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	08:40 AM	COWHE-02B	1st Floor - By Entrance 8 and Men's Bathroom (Right)	DF - Drinking Fountain	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	08:44 AM	COWHE-03A	1st Floor - By Elevator (Left)	DF - Drinking Fountain	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	08:44 AM	COWHE-03B	1st Floor - By Elevator (Left)	DF - Drinking Fountain	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	08:44 AM	COWHE-04A	1st Floor - By Elevator (Right)	DF - Drinking Fountain	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	08:44 AM	COWHE-04B	1st Floor - By Elevator (Right)	DF - Drinking Fountain	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	08:56 AM	COWHE-05A	1st Floor - By Caf� Back Hallway (Left)	DF - Drinking Fountain	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	08:56 AM	COWHE-05B	1st Floor - By Caf� Back Hallway (Left)	DF - Drinking Fountain	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	08:56 AM	COWHE-06A	1st Floor - By Caf� Back Hallway (Right)	DF - Drinking Fountain	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	08:56 AM	COWHE-06B	1st Floor - By Caf� Back Hallway (Right)	DF - Drinking Fountain	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	09:00 AM	COWHE-07A	1st Floor - Room 903 - By Fabric Cabinet	S - Sink	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	09:00 AM	COWHE-07B	1st Floor - Room 903 - By Fabric Cabinet	S - Sink	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	09:00 AM	COWHE-08A	1st Floor - Room 903 - By "Our School" Poster	S - Sink	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	09:00 AM	COWHE-08B	1st Floor - Room 903 - By "Our School" Poster	S - Sink	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	09:00 AM	COWHE-09A	1st Floor - Room 903 - By "Be Polite" Poster	S - Sink	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	09:00 AM	COWHE-09B	1st Floor - Room 903 - By "Be Polite" Poster	S - Sink	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	09:00 AM	COWHE-10A	1st Floor - Room 903 - By 009 Curtains	S - Sink	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	09:00 AM	COWHE-10B	1st Floor - Room 903 - By 009 Curtains	S - Sink	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	09:00 AM	COWHE-11A	1st Floor - Room 903 - By Cook Sign	S - Sink	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	09:00 AM	COWHE-11B	1st Floor - Room 903 - By Cook Sign	S - Sink	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	09:00 AM	COWHE-12A	1st Floor - Room 903 - By Pink Flower	S - Sink	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	09:00 AM	COWHE-12B	1st Floor - Room 903 - By Pink Flower	S - Sink	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	09:15 AM	COWHE-13A	1st Floor - Room 903 - By Thermostat	S - Sink	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	09:15 AM	COWHE-13B	1st Floor - Room 903 - By Thermostat	S - Sink	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	09:20 AM	COWHE-14A	1st Floor - Lounge (washer/dryer)	S - Sink	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	09:20 AM	COWHE-14B	1st Floor - Lounge (washer/dryer)	S - Sink	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	09:26 AM	COWHE-15A	1st Floor - By Entrance 21 - Left Set (Left)	DF - Drinking Fountain	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	09:26 AM	COWHE-15B	1st Floor - By Entrance 21 - Left Set (Left)	DF - Drinking Fountain	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	09:26 AM	COWHE-16A	1st Floor - By Entrance 21 - Left Set (Right)	DF - Drinking Fountain	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	09:26 AM	COWHE-16B	1st Floor - By Entrance 21 - Left Set (Right)	DF - Drinking Fountain	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	09:30 AM	COWHE-17A	1st Floor - By Entrance 21 - Right Set (Left)	DF - Drinking Fountain	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	09:30 AM	COWHE-17B	1st Floor - By Entrance 21 - Right Set (Left)	DF - Drinking Fountain	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	09:30 AM	COWHE-18A	1st Floor - By Entrance 21 - Right Set (Right)	DF - Drinking Fountain	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	09:30 AM	COWHE-18B	1st Floor - By Entrance 21 - Right Set (Right)	DF - Drinking Fountain	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	09:35 AM	COWHE-19A	1st Floor - By "THINK" Sign (Left)	DF - Drinking Fountain	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	09:35 AM	COWHE-19B	1st Floor - By "THINK" Sign (Left)	DF - Drinking Fountain	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	09:35 AM	COWHE-20A	1st Floor - By "THINK" Sign (Right)	DF - Drinking Fountain	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	09:35 AM	COWHE-20B	1st Floor - By "THINK" Sign (Right)	DF - Drinking Fountain	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	09:45 AM	COWHE-21A	1st Floor - Lunchroom Line	S - Sink	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	09:45 AM	COWHE-21B	1st Floor - Lunchroom Line	S - Sink	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	09:52 AM	COWHE-22A	1st Floor - Kitchen (Left Spout, 2-Basin)	KS - Kitchen Sink	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	09:52 AM	COWHE-22B	1st Floor - Kitchen (Left Spout, 2-Basin)	KS - Kitchen Sink	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	09:52 AM	COWHE-23A	1st Floor - Kitchen (Right Spout, 2-Basin)	KS - Kitchen Sink	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	09:52 AM	COWHE-23B	1st Floor - Kitchen (Right Spout, 2-Basin)	KS - Kitchen Sink	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	09:52 AM	COWHE-24A	1st Floor - Kitchen (Left Spout, 3-Basin)	KS - Kitchen Sink	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	09:52 AM	COWHE-24B	1st Floor - Kitchen (Left Spout, 3-Basin)	KS - Kitchen Sink	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	10:00 AM	COWHE-25A	1st Floor - Kitchen (Right Spout, 3-Basin)	KS - Kitchen Sink	11/10/2017	11:00 PM	First Draw	ND
310451310221004	11/11/2017	10:00 AM	COWHE-25B	1st Floor - Kitchen (Right Spout, 3-Basin)	KS - Kitchen Sink	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	10:10 AM	COWHE-26A	Basement - By Gym	DF - Drinking Fountain	11/10/2017	11:00 PM	First Draw	ND

Cowherd Middle School
 441 Farnsworth Avenue
 Aurora, IL 60505

ISBE ID	Sample Date	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	Concentration (ug/L)
310451310221004	11/11/2017	10:10 AM	COWHE-26B	Basement - By Gym	DF - Drinking Fountain	11/10/2017	11:00 PM	Flush	ND
310451310221004	11/11/2017	10:15 AM	COWHE-27A	1st Floor - Water Main	O - Other	11/10/2017	11:00 PM	First Draw	45.5
310451310221004	11/11/2017	10:15 AM	COWHE-27B	1st Floor - Water Main	O - Other	11/10/2017	11:00 PM	Flush	ND

APPENDIX B
Laboratory Results and Chain of Custody Documentation

SUBURBAN LABORATORIES, Inc.



1950 S. Batavia Ave., Suite 150 Geneva, Illinois 60134
Tel. (708) 544-3260 • Toll Free (800) 783-LABS
Fax (708) 544-8587
www.suburbanlabs.com

December 19, 2017

Olivia Reynhout
Weaver Consultants Group
1316 Bond St - Suite 108
Naperville, IL 60563

Workorder: 1711B28

TEL: (630) 717-4848

FAX: (630) 717-4850

RE: Cowherd Middle School Drinking Water Lead Analysis

Dear Olivia Reynhout:

Suburban Laboratories, Inc. received 54 sample(s) on 11/15/2017 for the analyses presented in the following report.

Customer has provided 250 mL volume sample bottles for all samples collected. Please note, all sample results that exceed 5.00 ug/L should be promptly reported to parents or guardians of all enrolled students. Results that are below 5.00 ug/L should be reported on the school website. Please refer to Public Act 099-0922 or the Illinois Department of Public Health for specific reporting requirements. Suburban Laboratories will forward all results to the IDPH within seven (7) business days from the date of this report.

This report may not be reproduced, except in full, without the prior written approval of Suburban Laboratories, Inc. If you have any questions regarding these test results, please call me at (708) 544-3260.

Sincerely,

Pat Rodriguez
Project Manager
708-544-3260 ext 214
pat@suburbanlabs.com



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Client ID: Weaver Consultants Group

Report Date: December 19, 2017

Project Name: Cowherd Middle School Drinking Water Lead Analysis

Workorder: 1711B28

Analyte: Lead

Method: EPA 200.8

Matrix: Drinking Water

Sample ID	Client Sample ID	Result	MRL	Units	Date & Time Water System Last Used	Date Collected	Date Analyzed
1711B28-001A	COWHE-01A~1st Floor - By Entrance 8 and Men's Bathroom (Left)~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-002A	COWHE-01B~1st Floor - By Entrance 8 and Men's Bathroom (Left)~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-003A	COWHE-02A~1st Floor - By Entrance 8 and Men's Bathroom (Right)~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-004A	COWHE-02B~1st Floor - By Entrance 8 and Men's Bathroom (Right)~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-005A	COWHE-03A~1st Floor - By Elevator (Left)~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-006A	COWHE-03B~1st Floor - By Elevator (Left)~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-007A	COWHE-04A~1st Floor - By Elevator (Right)~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-008A	COWHE-04B~1st Floor - By Elevator (Right)~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-009A	COWHE-05A~1st Floor - By Café Back Hallway (Left)~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-010A	COWHE-05B~1st Floor - By Café Back Hallway (Left)~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-011A	COWHE-06A~1st Floor - By Café Back Hallway (Right)~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-012A	COWHE-06B~1st Floor - By Café Back Hallway (Right)~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-013A	COWHE-07A~1st Floor - Room 903 - By Fabric Cabinet~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-014A	COWHE-07B~1st Floor - Room 903 - By Fabric Cabinet~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-015A	COWHE-08A~1st Floor - Room 903 - By "Our School" Poster~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-016A	COWHE-08B~1st Floor - Room 903 - By "Our School" Poster~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-017A	COWHE-09A~1st Floor - Room 903 - By "Be Polite" Poster~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017

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Client ID: Weaver Consultants Group

Report Date: December 19, 2017

Project Name: Cowherd Middle School Drinking Water Lead Analysis

Workorder: 1711B28

Analyte: Lead

Method: EPA 200.8

Matrix: Drinking Water

Sample ID	Client Sample ID	Result	MRL	Units	Date & Time Water System Last Used	Date Collected	Date Analyzed
1711B28-018A	COWHE-09B~1st Floor - Room 903 - By "Be Polite" Poster~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-019A	COWHE-10A~1st Floor - Room 903 - By 009 ??~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-020A	COWHE-10B~1st Floor - Room 903 - By 009 ??~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-021A	COWHE-11A~1st Floor - Room 903 - By Cook Sign~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-022A	COWHE-11B~1st Floor - Room 903 - By Cook Sign~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-023A	COWHE-12A~1st Floor - Room 903 - By Pink Flower~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-024A	COWHE-12B~1st Floor - Room 903 - By Pink Flower~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-025A	COWHE-13A~1st Floor - Room 903 - By Thermostat~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-026A	COWHE-13B~1st Floor - Room 903 - By Thermostat~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-027A	COWHE-14A~1st Floor - Lounge (washer/dryer)~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-028A	COWHE-14B~1st Floor - Lounge (washer/dryer)~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-029A	COWHE-15A~1st Floor - By Entrance 21 - Left Set (Left)~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-030A	COWHE-15B~1st Floor - By Entrance 21 - Left Set (Left)~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-031A	COWHE-16A~1st Floor - By Entrance 21 - Left Set (Right)~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-032A	COWHE-16B~1st Floor - By Entrance 21 - Left Set (Right)~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-033A	COWHE-17A~1st Floor - By Entrance 21 - Right Set (Left)~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017

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Client ID: Weaver Consultants Group

Report Date: December 19, 2017

Project Name: Cowherd Middle School Drinking Water Lead Analysis

Workorder: 1711B28

Analyte: Lead

Method: EPA 200.8

Matrix: Drinking Water

Sample ID	Client Sample ID	Result	MRL	Units	Date & Time Water System Last Used	Date Collected	Date Analyzed
1711B28-034A	COWHE-17B~1st Floor - By Entrance 21 - Right Set (Left)~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-035A	COWHE-18A~1st Floor - By Entrance 21 - Right Set (Right)~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-036A	COWHE-18B~1st Floor - By Entrance 21 - Right Set (Right)~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-037A	COWHE-19A~1st Floor - By "THINK" Sign (Left)~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-038A	COWHE-19B~1st Floor - By "THINK" Sign (Left)~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-039A	COWHE-20A~1st Floor - By "THINK" Sign (Right)~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-040A	COWHE-20B~1st Floor - By "THINK" Sign (Right)~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-041A	COWHE-21A~1st Floor - Lunchroom Line~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-042A	COWHE-21B~1st Floor - Lunchroom Line~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-043A	COWHE-22A~1st Floor - Kitchen (Left Spout, 2-Basin)~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-044A	COWHE-22B~1st Floor - Kitchen (Left Spout, 2-Basin)~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-045A	COWHE-23A~1st Floor - Kitchen (Right Spout, 2-Basin)~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-046A	COWHE-23B~1st Floor - Kitchen (Right Spout, 2-Basin)~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-047A	COWHE-24A~1st Floor - Kitchen (Left Spout, 3-Basin)~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-048A	COWHE-24B~1st Floor - Kitchen (Left Spout, 3-Basin)~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-049A	COWHE-25A~1st Floor - Kitchen (Right Spout, 3-Basin)~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-050A	COWHE-25B~1st Floor - Kitchen (Right Spout, 3-Basin)~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017

SUBURBAN LABORATORIES, Inc.



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Client ID: Weaver Consultants Group

Report Date: December 19, 2017

Project Name: Cowherd Middle School Drinking Water Lead Analysis

Workorder: 1711B28

Analyte: Lead

Method: EPA 200.8

Matrix: Drinking Water

Sample ID	Client Sample ID	Result	MRL	Units	Date & Time Water System Last Used	Date Collected	Date Analyzed
1711B28-051A	COWHE-26A~Basement - By Gym~First Draw	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-052A	COWHE-26B~Basement - By Gym~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017
1711B28-053A	COWHE-27A~1st Floor - Water Main~First Draw	45.5	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/29/2017
1711B28-054A	COWHE-27B~1st Floor - Water Main~Flush	ND	2.00	µg/L	11/10/2017 23:00	11/11/2017	11/28/2017

1711828-001A-030A

FIELD DATA FORM

School/Facility Name
 Cowherd Middle School
 ISBE ID: (ex:01-001-0001-01-00001)
 310451310221004

Address
 441 Farnsworth Avenue
 Aurora, IL

Sample Collector Name(s)
 Matthew Rodriguez

Water system last used Date: MMDDYY 11/10/2017 Time: HH24MM 23:00

All samples must be collected in unpreserved 250 ml plastic bottles

	Bldg. ID	Bldg. Desc	Sample ID#	Sample Loc. Desc	Collection Date MMDDYYYY	Collection Time HH24MM	Fixture Type	Sample Type	Sample Vol.	Notes
Ex1:	0001	Main Building	01	1st Floor Classroom	02232017	800	O - Other	First Draw	250	Description if "Other" is selected
Ex2:	0001	Main Building	01A	1st Floor Classroom	02232017	800	S - Sink	Flush	250	
1	310451310221004	School	COWHE-01A	Entrance 8 and Men's Bath	11/11/2017	8:40	DF - Drinking Fountain	First Draw	250	
2	310451310221004	School	COWHE-01B	Entrance 8 and Men's Bath	11/11/2017	8:40	DF - Drinking Fountain	Flush	250	
3	310451310221004	School	COWHE-02A	Entrance 8 and Men's Bath	11/11/2017	8:40	DF - Drinking Fountain	First Draw	250	
4	310451310221004	School	COWHE-02B	Entrance 8 and Men's Bath	11/11/2017	8:40	DF - Drinking Fountain	Flush	250	
5	310451310221004	School	COWHE-03A	1st Floor - By Elevator (Left)	11/11/2017	8:44	DF - Drinking Fountain	First Draw	250	
6	310451310221004	School	COWHE-03B	1st Floor - By Elevator (Left)	11/11/2017	8:44	DF - Drinking Fountain	Flush	250	
7	310451310221004	School	COWHE-04A	1st Floor - By Elevator (Right)	11/11/2017	8:44	DF - Drinking Fountain	First Draw	250	
8	310451310221004	School	COWHE-04B	1st Floor - By Elevator (Right)	11/11/2017	8:44	DF - Drinking Fountain	Flush	250	
9	310451310221004	School	COWHE-05A	Corridor - By Café Back Hallway	11/11/2017	8:56	DF - Drinking Fountain	First Draw	250	
10	310451310221004	School	COWHE-05B	Corridor - By Café Back Hallway	11/11/2017	8:56	DF - Drinking Fountain	Flush	250	
11	310451310221004	School	COWHE-06A	Corridor - By Café Back Hallway	11/11/2017	8:56	DF - Drinking Fountain	First Draw	250	
12	310451310221004	School	COWHE-06B	Corridor - By Café Back Hallway	11/11/2017	8:56	DF - Drinking Fountain	Flush	250	
13	310451310221004	School	COWHE-07A	Room 903 - By Fabric	11/11/2017	9:00	S - Sink	First Draw	250	
14	310451310221004	School	COWHE-07B	Room 903 - By Fabric	11/11/2017	9:00	S - Sink	Flush	250	
15	310451310221004	School	COWHE-08A	Room 903 - By "Our Sch	11/11/2017	9:00	S - Sink	First Draw	250	
16	310451310221004	School	COWHE-08B	Room 903 - By "Our Sch	11/11/2017	9:00	S - Sink	Flush	250	
17	310451310221004	School	COWHE-09A	Room 903 - By "Be Pol	11/11/2017	9:00	S - Sink	First Draw	250	
18	310451310221004	School	COWHE-09B	Room 903 - By "Be Pol	11/11/2017	9:00	S - Sink	Flush	250	
19	310451310221004	School	COWHE-10A	Room - Room 903 - By O	11/11/2017	9:00	S - Sink	First Draw	250	
20	310451310221004	School	COWHE-10B	Room - Room 903 - By O	11/11/2017	9:00	S - Sink	Flush	250	
21	310451310221004	School	COWHE-11A	Room - Room 903 - By C	11/11/2017	9:00	S - Sink	First Draw	250	
22	310451310221004	School	COWHE-11B	Room - Room 903 - By C	11/11/2017	9:00	S - Sink	Flush	250	
23	310451310221004	School	COWHE-12A	Room 903 - By Pink	11/11/2017	9:00	S - Sink	First Draw	250	
24	310451310221004	School	COWHE-12B	Room 903 - By Pink	11/11/2017	9:00	S - Sink	Flush	250	
25	310451310221004	School	COWHE-13A	Room - Room 903 - By Ther	11/11/2017	9:15	S - Sink	First Draw	250	
26	310451310221004	School	COWHE-13B	Room - Room 903 - By Ther	11/11/2017	9:15	S - Sink	Flush	250	
27	310451310221004	School	COWHE-14A	Room - Lounge (washer/d	11/11/2017	9:20	S - Sink	First Draw	250	
28	310451310221004	School	COWHE-14B	Room - Lounge (washer/d	11/11/2017	9:20	S - Sink	Flush	250	
29	310451310221004	School	COWHE-15A	By Entrance 21 - Left	11/11/2017	9:26	DF - Drinking Fountain	First Draw	250	
30	310451310221004	School	COWHE-15B	By Entrance 21 - Left	11/11/2017	9:26	DF - Drinking Fountain	Flush	250	

See 11/15/17 8:44a

31	310451310221004	School	COWHE-16A	- By Entrance 21 - Left S	11/11/2017	9:26	DF - Drinking Fountain	First Draw	250	
32	310451310221004	School	COWHE-16B	- By Entrance 21 - Left S	11/11/2017	9:26	DF - Drinking Fountain	Flush	250	
33	310451310221004	School	COWHE-17A	- By Entrance 21 - Right	11/11/2017	9:30	DF - Drinking Fountain	First Draw	250	
34	310451310221004	School	COWHE-17B	- By Entrance 21 - Right	11/11/2017	9:30	DF - Drinking Fountain	Flush	250	
35	310451310221004	School	COWHE-18A	By Entrance 21 - Right	11/11/2017	9:30	DF - Drinking Fountain	First Draw	250	
36	310451310221004	School	COWHE-18B	By Entrance 21 - Right	11/11/2017	9:30	DF - Drinking Fountain	Flush	250	
37	310451310221004	School	COWHE-19A	oor - By "THINK" Sign	11/11/2017	9:35	DF - Drinking Fountain	First Draw	250	
38	310451310221004	School	COWHE-19B	oor - By "THINK" Sign	11/11/2017	9:35	DF - Drinking Fountain	Flush	250	
39	310451310221004	School	COWHE-20A	oor - By "THINK" Sign	11/11/2017	9:35	DF - Drinking Fountain	First Draw	250	
40	310451310221004	School	COWHE-20B	oor - By "THINK" Sign	11/11/2017	9:35	DF - Drinking Fountain	Flush	250	
41	310451310221004	School	COWHE-21A	1st Floor - Lunchroom Lin	11/11/2017	9:45	S - Sink	First Draw	250	
42	310451310221004	School	COWHE-21B	1st Floor - Lunchroom Lin	11/11/2017	9:45	S - Sink	Flush	250	
43	310451310221004	School	COWHE-22A	r - Kitchen (Left Spout,	11/11/2017	9:52	KS - Kitchen Sink	First Draw	250	
44	310451310221004	School	COWHE-22B	r - Kitchen (Left Spout,	11/11/2017	9:52	KS - Kitchen Sink	Flush	250	
45	310451310221004	School	COWHE-23A	r - Kitchen (Right Spout,	11/11/2017	9:52	KS - Kitchen Sink	First Draw	250	
46	310451310221004	School	COWHE-23B	r - Kitchen (Right Spout,	11/11/2017	9:52	KS - Kitchen Sink	Flush	250	
47	310451310221004	School	COWHE-24A	r - Kitchen (Left Spout,	11/11/2017	9:52	KS - Kitchen Sink	First Draw	250	
48	310451310221004	School	COWHE-24B	r - Kitchen (Left Spout,	11/11/2017	9:52	KS - Kitchen Sink	Flush	250	
49	310451310221004	School	COWHE-25A	r - Kitchen (Right Spout,	11/11/2017	10:00	KS - Kitchen Sink	First Draw	250	
50	310451310221004	School	COWHE-25B	r - Kitchen (Right Spout,	11/11/2017	10:00	KS - Kitchen Sink	Flush	250	
51	310451310221004	School	COWHE-26A	Basement - By Gym	11/11/2017	10:10	DF - Drinking Fountain	First Draw	250	
52	310451310221004	School	COWHE-26B	Basement - By Gym	11/11/2017	10:10	DF - Drinking Fountain	Flush	250	
53	310451310221004	School	COWHE-27A	1st Floor - Water Main	11/11/2017	10:15	O - Other	First Draw	250	Water Main
54	310451310221004	School	COWHE-27B	1st Floor - Water Main	11/11/2017	10:15	O - Other	Flush	250	Water Main
55										
56										
57										
58										
59										
60										
61										

Jeg 11/15/17 8:44a