

CERTIFICATE OF ANALYSIS

NY Lab ID 11534

Project Name:	<b>Averill Park CSD - 2017 Lea</b>	Workorder:	<b>C023258</b>
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Aaron Heffner  
Averill Park Central School District  
NA  
NA, NA NA

Project Name and Number: **Averill Park CSD - 2017 Lead**

February 10, 2017


Dear Aaron Heffner,

This report relates only to the sample(s) as received by the laboratory. Laboratory reports may not be reproduced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Caution is advised for the utilization of preliminary data included in reports labeled as "Preliminary Report" and should not be used for regulatory purposes. A laboratory signature is provided on final reports only.

If you have any questions in reference to this laboratory report, please contact your CNA Environmental project coordinator or laboratory manager listed at the bottom of this report at (518) 884-0800.

Note: This coverage page is included as part of the Analytical Report and must be retained as a permanent record thereof.

  
Laboratory Manager

CNA Environmental, LLC



Dakota Snyder, Field Coordinator

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*

**Client:**

Averill Park Central School District

**Project:**

Averill Park CSD - 2017 Lead

CNA Environmental, LLC received the sample(s) associated with this batch in compliance with NYSDOH guidelines. The requested analysis methods and results are detailed in the following data summary reports. Any exceptions to method procedures are listed in the comments section below.

To meet the New York Sanitary Code for Public Drinking Water, Total Coliform must be absent or <1; all other analytes must be less than or equal to the MCL.

**Metals:**

Sample(s) meet the NYSDOH MCL criteria for the parameters shown in the results section.

Exceptions:

Samples-04 and -05 Lead results were above recommended MCL (Lead MCL = 0.015)

Sample-07 Copper results were above recommended MCL (Copper MCL = 1.3)

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CNA Environmental, LLC



Dakota Snyder, Field Coordinator

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**Total Metals**

Date Received: 01/27/17 10:05

Sample ID#	Analysis	Method	Results	RL	Units	MCL	Sample Point	Sampled	Analyzed	Notes
C023258-01	Copper	SM21 3111B	0.515	0.100	mg/L	1.3	AMS-01-DW-P-03R	1/27/17 05:21	1/31/17 13:31	
C023258-02	Copper	SM21 3111B	0.522	0.100	mg/L	1.3	AMS-01-CF-P-45	1/27/17 05:24	1/31/17 13:31	
C023258-03	Copper	SM21 3111B	0.665	0.100	mg/L	1.3	AMS-01-CF-P-46	1/27/17 05:24	1/31/17 13:31	
C023258-04	Copper	SM21 3111B	0.666	0.100	mg/L	1.3	AMS-01-CF-P-47	1/27/17 05:27	1/31/17 13:31	
C023258-05	Copper	SM21 3111B	0.514	0.100	mg/L	1.3	AMS-01-CF-P-49	1/27/17 05:27	1/31/17 13:31	
C023258-06	Copper	SM21 3111B	0.520	0.100	mg/L	1.3	AMS-01-BF-P-153	1/27/17 05:32	1/31/17 13:31	
C023258-07	Copper	SM21 3111B	1.60	0.100	mg/L	1.3	AMS-01-BF-P-155	1/27/17 05:32	1/31/17 13:31	
Sample ID#	Analysis	Method	Results	RL	Units	MCL	Sample Point	Sampled	Analyzed	Notes
C023258-02	Lead	SM21 3113B	ND	0.002	mg/L	0.015	AMS-01-CF-P-45	1/27/17 05:24	2/3/17 10:34	X
C023258-03	Lead	SM21 3113B	0.010	0.002	mg/L	0.015	AMS-01-CF-P-46	1/27/17 05:24	2/3/17 10:34	X
C023258-04	Lead	SM21 3113B	0.020	0.002	mg/L	0.015	AMS-01-CF-P-47	1/27/17 05:27	2/3/17 10:34	X
C023258-05	Lead	SM21 3113B	0.017	0.002	mg/L	0.015	AMS-01-CF-P-49	1/27/17 05:27	2/3/17 10:34	X
C023258-06	Lead	SM21 3113B	ND	0.002	mg/L	0.015	AMS-01-BF-P-153	1/27/17 05:32	2/3/17 10:34	X
C023258-07	Lead	SM21 3113B	0.013	0.002	mg/L	0.015	AMS-01-BF-P-155	1/27/17 05:32	2/3/17 10:34	X

CNA Environmental, LLC



Dakota Snyder, Field Coordinator

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**Notes and Definitions**

X	Matrix Spike (MS) or Matrix Spike Duplicate (MSD) recovery outside recommended limits.
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the Reporting Limit (RL)
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
<	Less than reporting limit
≤	Less than or equal to reporting limit
>	Greater than reporting limit
≥	Greater than or equal to reporting limit
MDL	Method Detection Limit
RL	Reporting Limit
MCL/AL	Maximum Contaminant Level*/Action Level
mg/kg wet	Results reported as wet weight
TTL	Total Threshold Limit Concentration
STLC	Soluble Threshold Limit Concentration
TCLP	Toxicity Characteristic Leachate Procedure

\*MCL values listed in this report are taken from the New York State Department of Health Part 5, Subpart 5-1 Public Water System Tables. A full list of parameters and their associated MCL values can be found on the New York Department of Health’s website, [www.health.ny.gov](http://www.health.ny.gov). Please note that some parameters tested may not have an associated MCL value. In other cases, a listed MCL value may refer to a recommended result limit or result equivalent to another parameter; as is the case for heterotrophic plate count (HPC). HPC results equal to or less than 500 colonies/mL is considered to be equivalent to a measurable free chlorine residual.

All work performed by CNA Environmental, LLC is subject to its terms and conditions of services viewable at our office and our website: [www.cnawater.com/about-us/terms](http://www.cnawater.com/about-us/terms)

CNA Environmental, LLC



Dakota Snyder, Field Coordinator

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CLIENT INFORMATION

Name: Averill Park Central School District  
 Address: 146 Gettle Road, Averill Park, NY 12018  
 Client Rep: Aaron Heffner 518-674-7098

Date of Sampling:  
 Samples Taken By:  
 Samples Taken By:

SCHOOL/PROJECT INFORMATION

BLDG NO./NAME: Algonquin Middle School  
 BLDG ADDRESS: 333 NY-351, Averill Park, NY 12018  
 CONTACT NAME & NUMBERS: Aaron Heffner 518-674-7098

(1) Yr. Built	(2) Yr 1st Add:	(3) Yr 2nd Add:	(4) Yr 1st Mod:	(5) Yr. 2nd Mod:

CO23258

SAMPLE DATA

Sample Description ID (ID must match container label)		Outlet Information											
Lab Sample #	BOCES Sample #	Location	Outlet Description	Outlet Make & Model	Construct. Date	First Draw	Time of Collection (24hr)	30 Second Flush Draw	Time of Collection (24hr)	Service Connection Draw	Time of Collection (24hr)	Water Main Draw	Time of Collection (24hr)
3R	AMS-01-DW-P-03R	Main Corridor Fountain	Water Fountain	COPPER ONLY		X	5:21 AM						
45	AMS-01-CF-P-45	PFA5	Classroom Faucet	LEAD & COPPER		X	5:24 AM						
46	AMS-01-CF-P-46	PFA5	Classroom Faucet	LEAD & COPPER		X	5:24 AM						
47	AMS-01-CF-P-47	PFA6	Classroom Faucet	LEAD & COPPER		X	5:27 AM						
49	AMS-01-CF-P-49	PFA6	Classroom Faucet	LEAD & COPPER		X	5:27 AM						
153	AMS-01-BF-P-153	Aud Left Restroom	Bathroom Faucet	LEAD & COPPER		X	5:32 AM						
154	AMS-01-BF-P-155	Aud Right Restroom	Bathroom Faucet	LEAD & COPPER		X	5:32 AM						

01  
00  
03  
04  
06  
07

All containers are pre-cleaned/pre-certified 250ml plastic bottles and will be preserved w/HNO3@ pH by lab

CHAIN OF CUSTODY

Relinquished By:	Received By:	Time:	Date:
		1/27/17	1005

INSTRUCTIONS TO THE LABORATORY - Analyze samples 45-47, 49, 153, & 155 for both lead and copper. Analyze sample 3R for copper only.

Lab: CNA Environmental

Contact: Dakota Snyder 518-884-0800 x402

Comments: Provide Laboratory Data Report (LDR) and Chain of Custody