

CERTIFICATE OF ANALYSIS

NY Lab ID 11534

Project Name:	Troy CSD - 2016 Lead	Workorder:	C022436
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Tim LeVan
Troy Central School District
475 First Street
Troy, NY 12180

Project Name and Number: **Troy CSD - 2016 Lead**

December 20, 2016


Dear Tim LeVan,

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:

Troy Central School District
 475 First Street
 Troy, NY 12180

Project:

Troy CSD - 2016 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

C022436-05

C022436-06

C022436-07

C022436-09

Lead MCL = 0.015

Total Metals

Date Received: 12/16/16 09:45

Sample ID#	Analysis	Method	Results	RL	Units	MCL	Sample Point	Sampled	Analyzed	Notes
C022436-01	Lead	SM21 3113B	0.009	0.002	mg/L	0.015	PS12-01-DW-P-335	12/16/16 06:17	12/19/16 11:00	
C022436-02	Lead	SM21 3113B	0.003	0.002	mg/L	0.015	PS12-01-DW-P-340	12/16/16 06:20	12/19/16 11:00	
C022436-03	Lead	SM21 3113B	0.003	0.002	mg/L	0.015	PS12-01-BF1-P-341	12/16/16 06:21	12/19/16 11:00	
C022436-04	Lead	SM21 3113B	0.002	0.002	mg/L	0.015	PS12-01-BF2-P-342	12/16/16 06:21	12/19/16 11:00	
C022436-05	Lead	SM21 3113B	0.072	0.002	mg/L	0.015	PS12-02-DW-P-356	12/16/16 06:27	12/19/16 11:00	
C022436-06	Lead	SM21 3113B	0.038	0.002	mg/L	0.015	PS12-02-DW-P-372	12/16/16 06:28	12/19/16 11:00	
C022436-07	Lead	SM21 3113B	0.029	0.002	mg/L	0.015	PS12-03-DW-P-378	12/16/16 06:31	12/19/16 11:00	
C022436-08	Lead	SM21 3113B	0.005	0.002	mg/L	0.015	PS12-01-CF-P-342A	12/16/16 06:24	12/19/16 11:00	
C022436-09	Lead	SM21 3113B	0.028	0.002	mg/L	0.015	PS12-03-DW-P-389A	12/16/16 06:35	12/19/16 11:00	

CNA Environmental, LLC



Dakota Snyder, Field Coordinator

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Notes and Definitions

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. 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

CNA Environmental, LLC



Dakota Snyder, Field Coordinator

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POTABLE WATER SAMPLING FOR LEAD CONCENTRATION SAMPLE COLLECTION FORM

Appendix D

CLIENT INFORMATION

Name:	Enlarged City School District of Troy
Address:	475 First Street Troy NY 12180
Client Rep:	Guy Gardner

Date of Sampling:	12/16/2016
Samples Taken By:	Tim LeVan
Samples Taken By:	

SCHOOL/PROJECT INFORMATION

BLDG NO./NAME:	School 12
BLDG ADDRESS:	475 first Street Troy NY 12180
CONTACT NAME & NUMBERS:	Guy Gardner 518-328-5426

C022436

(1) Yr. Built	(2) Yr 1st Add:	(3) Yr 2nd Add:	(4) Yr 1st Mod:	(5) Yr. 2nd Mod:
1931	1973	2001		

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)
335	PS12-01-DW-P-335	126 weight room	Water fountain			X	6:17						
340	PS12-01-DW-P-340	Corridor	Water fountain			X	6:20						
341	PS12-01-BF1-P-341	Boys room	Sink 1			X	6:21						
342	PS12-01-BF2-P-342	Boys room	Sink 2			X	6:21						
356	PS12-02-DW-P-356	Corridor	Water fountain			X	6:27						
372	PS12-02-DW-P-372	219	Water fountain			X	6:28						
378	PS12-03-DW-P-378	319	Water fountain			X	6:31						
342A	PS12-01-CF-P-342A	Receiving	Sink			X	6:24						
389A	PS12-03-DW-P-389A	Corridor	Water fountain			X	6:35						

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:
MICHAEL TERRAULT Michael Terrault	OT	0905	12/16/16

20.2

INSTRUCTIONS TO THE LABORATORY - Analyze all samples for lead (Pb)

Lab:	CNA Environmental
Contact:	
Comments:	Provide Laboratory Data Report (LDR) and Chain of Custody