

April 7, 2020

Mr. Dave Martin
Eden Central School District
Superintendent of Buildings and Grounds
8289 North Main Street
Eden, New York 14057

Re: Investigation and Sampling of Drinking Water for Lead Concentrations

Dear Mr. Martin:

Included with this letter is Stohl Environmental LLC's report for the Water Sampling performed at the educational buildings of the Eden Central School District, including:

Middle School/ High School

This report is prepared to assist the District in complying with the requirements of NYS regulations, SUBPART 67-4: Lead Testing in School Drinking Water, by identifying the sources of potable water with lead concentrations greater than the NYS "Action Level of 15 parts per billion (ppb)".

The Investigation and Sampling was performed on February 26, 2020. The Protocol for the Investigation followed the requirements of NYS regulations as well as USEPA Technical Guidance Document "3-T's for Reducing Lead in Drinking Water in Schools".

As detailed in Section 1.2 (Executive Summary) of the accompanying report, based upon the sampling and analysis performed, twenty eight (28) sources of potable water in the Middle School/High School of Eden Central School district have been identified as having lead concentrations in water above the NYS Action Level of 15 parts per billion. To comply with NYS regulations, Response actions as identified in this report by the District are required.

Thank you for the opportunity to be of service to Eden Central School District.

Sincerely,

Stohl Environmental, LLC.

Eric Henderson Jr.

Senior Project Manager

# Investigation and Sampling Of Sources of Potable Water For Lead Concentrations

Prepared for:

**Eden Central School District** 

Prepared by:



3860 California Road, Orchard Park, New York 14127 PHONE (716) 312-0070 FAX (716) 312-8092 WWW.STOHLENVIRONMENTAL.COM

Conditions as of February 26, 2020



#### **Summary Tabulation**

#### Lead in Drinking Water Investigation

- 1.1. Scope of Work and Sampling Protocol
- 1.2. Executive Summary of Sampling and Analysis
- 1.3. Response Actions Required Under NYS Regulations
- 1.4. Laboratory Analytical Reports by Building
- 1.5. Laboratory Certifications
- 1.6. Chains of Custody



#### 1.1 Sampling Protocol and Summary of Results:

Stohl Environmental was retained by Eden Central School District to perform sampling and analysis of potable water for elevated lead concentrations. Sampling was performed in the following buildings:

Middle School / High School

#### Scope of Work:

Stohl Environmental was charged with collecting first-draw water samples from all outlets in the Middle School / High School. Outlets are defined in NYS regulations as: "a potable water fixture currently or potentially used for drinking or cooking purposes, including but not limited to a bubbler, drinking fountain, or faucets".

#### **Sampling Protocol:**

In accordance with NYS regulations, *Subpart 67-4: Lead Testing in School Drinking Water*, and the EPA guidance document, *'3Ts for Reducing Lead in Drinking Water in Schools"*, Stohl Environmental's protocol can be summarized as follows:

- First-draw samples of 250 milliliters (mL) were collected from cold water outlets before any water was used. Sampling was coordinated with District representatives to assure that water was motionless in the pipes for a minimum of 8 hours, but not more than 18 hours before sample collection.
- Laboratory Analysis: Samples were submitted following strict chain-of-custody protocols to an independent laboratory approved by the NYS Department of Health's Environmental Laboratory Approval Program (ELAP).



#### 1.2 Executive Summary of Sampling and Analysis:

Total Number of Samples Collected by Building Classified by First Draw & Confirmatory Samples:

Building Name	Date of	Total	First Drav	v Samples	Confirmator	y Samples **
	Sample Event	Number Samples Collected	Number of Samples at or Below the NYS Action level of 15 ppb	Number of Samples Above the NYS Action Level of 15 ppb	Number of Samples Below Action level of 15 ppb	Number of Samples Above Action Level of 15 ppb
Middle School - High School	2/26/2020	77	49	28	N/A	N/A

<sup>\*\*</sup> Confirmatory samples are samples collected subsequent to "Step 1" First Draw samples to verify initial findings of lead contamination, to assist in problem assessment to determine remediation and/or verify that lead levels are at or below action level post-remediation.

#### **Listing of Outlets Requiring Remediation**

Locations of Outlets Analyzed above the NYS Action Level of 15 parts per billion based upon Analysis of First Draw Samples:

Sample #	Classroom or other Location	Fixture/Outlet type	Laboratory Analysis in ppb
2020L-119.3-1	Big Team Room 150	Sink	32.3 ppb
2020L-119.3-2	Team Room	Drinking Fountain	44.8 ppb
2020L-119.3-17	Room 113 (Back)	Sink	27.6 ppb
2020L-119.3-53	Kitchen Bathroom	Sink	56.0 ppb
2020L-119.3-57	Filler Wand at Stove	Sink	15.7 ppb
2020L-119.3-62	Kitchen Sink	Sink	34.6 ppb
2020L-119.3-85	Back of Room 213	Sink	48.8 ppb
2020L-119.3-86	Teachers Desk of Room 213	Sink	46.8 ppb
2020L-119.3-107	Wrestling Room	Drinking Fountain	17.1 ppb
2020L-119.3-114	Back of Room 224	Sink	26.8 ppb
2020L-119.3-117	Between Rms. 223 and 224	Sink	48.8 ppb
2020L-119.3-119	Room 223 Right Sink	Sink	27.0 ppb
2020L-119.3-124	Between Rooms 222 and 221	Sink	33.7 ppb
2020L-119.3-130	Room 219 Back left sink	Sink	23.0 ppb
2020L-119.3-153	Pool	Drinking Fountain	48.4 ppb
2020L-119.3-170	Computer Server Room	Sink	54.0 ppb
2020L-119.3-172	Team Coaches Room 148F	Drinking Fountain	22.4 ppb
2020L-119.3-174	Teachers desk Room 222	Sink	128.0 ppb
2020L-119.3-175	Room 222 Back Left	Sink	77.4 ppb
2020L-119.3-177	Teachers Desk Room 221	Sink	38.0 ppb
2020L-119.3-178	Room 220	Sink	68.0 ppb



Sample #	Classroom or other Location	Fixture/Outlet type	Laboratory Analysis in ppb
2020L-119.3-179	Room 223 Back Sink	Sink	86.7 ppb
2020L-119.3-180	Laundry Room Between Rms. 220-2019	Sink	35.5 ppb
2020L-119.3-181	Room 224 Right Hand Sink	Sink	39.5 ppb
2020L-119.3-182	Room 225 Back Sink	Sink	39.2 ppb
2020L-119.3-183	Room 225 Back Sink	Sink	70.5 ppb
2020L-119.3-184	Teachers Desk Room 225	Sink	83.4 ppb
2020L-119.3-185	Room 225 Back	Sink	236.0 ppb

#### 1.3 Response Actions Required Under NYS Regulations, Section 67-4.4:

For outlets analyzed with a lead concentration in excess of the NYS Action Level, regulations require:

- (a) Prohibit use of the outlet until:
  - (1) a lead remediation plan is implemented to mitigate the lead level of such outlet; and
  - (2) test results indicate that the lead levels are at or below the action level;
- (b) provide building occupants with an adequate supply of potable water for drinking and cooking until remediation is performed;
- (c) report the test results to the local health department as soon as practicable, but no more than 1 business day after the school received the laboratory report; and
- (d) notify all staff and all persons in parental relation to students of the test results, in writing, as soon as practicable but no more than 10 business days after the school received the laboratory report.



3860 California Road Orchard Park, New York 14127 (P) 716-312-0070 (F) 716-312-8092 www.stohlenvironmental.com

1.4 Laboratory Analytical Reports by Building



CERTIFICATE OF ANALYSIS

Client: Stohl Environmental

3860 California Road

Orchard Park NY 14127

Client: STO708

Report Date: 3/30/2020

Report No.:

612141 - Lead Water

Project:

Eden CSD; Eden HS/MS

Project No.: 2020L-119

#### LEAD WATER SAMPLE ANALYSIS SUMMARY

Result(ppb):32.3 Lab No.: 6995468 Location:Big Team Room 150 \* Sample acidified to pH <2. Client No.:119.3-1 Result(ppb):44.8 Lab No.:6995469 Location: Team Room \* Sample acidified to pH <2. Client No.: 119.3-2 Result(ppb):7.60 Lab No.:6995470 Location: New Locker Room 153 \* Sample acidified to pH <2. Client No.: 119.3-3 Location: Outside Science Hub Lav Boy's Result(ppb):<1.00 Lab No.:6995471 \* Sample acidified to pH <2. Client No.:119.3-8 Location: Outside Science Hub Lav Girl's Lab No.:6995472 Result(ppb):<1.00 \* Sample acidified to pH <2. Client No.: 119.3-9 Location: Hall Near Room 107 Result(ppb):<1.00 Lab No.:6995473 \* Sample acidified to pH <2. Client No.: 119.3-16 Lab No.: 6995474 Location: Back Room 113 Result(ppb):27.6 \* Sample acidified to pH <2. Client No.: 119.3-17 Location: Main Office Back Room Result(ppb):8.80 Lab No.: 6995475 \* Sample acidified to pH <2. Client No.: 119.3-18 Lab No.:6995476 Location: Principal's Office Lav Result(ppb):11.6 Client No.:119.3-19 \* Sample acidified to pH <2. Lab No.:6995477 Location: Outside Guidance Office Result(ppb):1.60 \* Sample acidified to pH <2. Client No.: 119.3-20

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received:

3/6/2020

Date Analyzed:

03/27/2020

Signature: Analyst:

Chad Shaffer

Approved By:

Frank E. Ehrenfeld, III

Laboratory Director



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Project:

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Result(ppb):6.60

Result(ppb):5.60

Result(ppb):10.4

Result(ppb):9.70

Result(ppb):<1.00

Result(ppb):<1.00

Result(ppb):<1.00

Project No.: 2020L-119

#### LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6995478 Location: Nurse's Office 142 Client No.:119.3-21 \* Sample acidified to pH <2.

Lab No.:6995479 Location: Nurse's Office Lav 142 Client No.:119.3-22

\* Sample acidified to pH <2.

Lab No.:6995480 Location: Main Room 1-Room 142 Client No.: 119.3-23

\* Sample acidified to pH <2.

Lab No.:6995481 Location: Main Room 2-Room 142

\* Sample acidified to pH <2.

Location: Across From 142B

Lab No.:6995482 Client No.:119.3-25

\* Sample acidified to pH <2.

Lab No.:6995483 Location: Outside Aud Foyer Bathrooms

\* Sample acidified to pH <2. Client No.: 119.3-34

Lab No.:6995484 Location: Outside Aud Foyer Bathrooms

Client No.:119.3-35 \* Sample acidified to pH <2.

Lab No.:6995485 Location: Outside Room 120

Client No.:119.3-37 \* Sample acidified to pH <2.

Lab No.:6995486 Client No.:119.3-47

Client No.: 119.3-24

Location: Outside Jr High Wing Lav Right

\* Sample acidified to pH <2.

Lab No.:6995487 Client No.: 119.3-48 Location: Outside Jr High Wing Lav Left

\* Sample acidified to pH <2.

Result(ppb):<1.00

Result(ppb):10.9

Result(ppb):2.30

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received:

3/6/2020

Date Analyzed:

03/27/2020

Signature: Analyst:

2 -1 Chad Shaffer

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Approved By:

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Laboratory Director

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Project No.: 2020L-119

#### LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6995488 Location:Inside Cafeteria Result(ppb):13.6

Client No.:119.3-51 \* Sample acidified to pH <2.

Lab No.:6995489 Location: Kitchen Bathroom Result(ppb):56.0

Client No.:119.3-53 \* Sample acidified to pH <2.

Lab No.:6995490 Location: Kitchen Middle Result(ppb):6.60

Client No.: 119.3-54 \* Sample acidified to pH <2.

Lab No.:6995491 Location: Kitchen West Room Center Result(ppb):2.20

Client No.: 119.3-55 \* Sample acidified to pH <2.

Lab No.:6995492 Location: Kitchen North Room Result(ppb): 3.80

Client No.:119.3-56 \* Sample acidified to pH <2.

Lab No.:6995493 Location: Wand At Stove Result(ppb):15.7

Client No.:119.3-57 \* Sample acidified to pH <2.

Lab No.:6995494 Location: Wand At Streamer Result(ppb):10.3

Client No.:119.3-58 \* Sample acidified to pH <2.

Lab No.:6995495 Location: Ice Machine Result(ppb):<1.00

Client No.:119.3-59 \* Sample acidified to pH <2.

Lab No.:6995496Location: Wand At Dish MachineResult(ppb):<1.00</th>Client No.:119.3-60\* Sample acidified to pH <2.</td>

Lab No.:6995497 Location: Double Sink

Client No.:119.3-61 \* Sample acidified to pH <2.

Please refer to the Appendix of this report for further information regarding your analysis.

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27/2020

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Laboratory Director

Result(ppb):5.50



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Project No.: 2020L-119

#### LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6995498 Client No.:119.3-62 Location: Kitchen Sink \* Sample acidified to pH <2. Result(ppb):34.6

Lab No.:6995499 Client No.: 119.3-75

Location: 131 Hand Wash \* Sample acidified to pH <2.

Result(ppb):7.40

Lab No.:6995500 Client No.:119.3-76 Location: Outside Room 131 \* Sample acidified to pH <2.

Result(ppb):3.30

Lab No.:6995501 Client No.: 119.3-83

Location: Room 128 Right Rear \* Sample acidified to pH <2.

Lab No.:6995502 Client No.: 119.3-84

Location: Music Wing Hall

Result(ppb):3.50 \* Sample acidified to pH <2.

Lab No.:6995503 Client No.: 119.3-85

Location: Back Of Room 213 \* Sample acidified to pH <2.

Result(ppb):48.8

Lab No.:6995504

Location: Teacher's Desk Room 213

Result(ppb):46.8

Client No.: 119-3-86

\* Sample acidified to pH <2.

Lab No.: 6995505 Client No.:119-3-87

Location: Across From Room 206 \* Sample acidified to pH <2.

Result(ppb):14.0

Lab No.:6995506

Location: Between Upper B And G Lavs

Result(ppb):3.00

Client No.:119-3-98

\* Sample acidified to pH <2.

Lab No.: 6995507 Client No.: 119-3-99 Location: Between Upper B And G Lavs

\* Sample acidified to pH <2.

Result(ppb):<1.00

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03/27/2020

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Signature: Analyst:

Chad Shaffer

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9000 Commerce Parkway Suite B Mt. Laurel, New Jersey 08054 Telephone: 856-231-9449

Email: customerservice@iatl.com

#### CERTIFICATE OF ANALYSIS

Client: Stohl Environmental

3860 California Road

Orchard Park NY 14127

Client: STO708

Report Date: 3/30/2020

Report No.: 612141 - Lead Water

Project:

Eden CSD; Eden HS/MS

Project No.: 2020L-119

#### LEAD WATER SAMPLE ANALYSIS SUMMARY

Location: Wrestling Room Result(ppb):17.1 Lab No.: 6995508

\* Sample acidified to pH <2. Client No.: 119-3-107

Result(ppb):2.10 Lab No.: 6995509 Location: Across From Room 225

\* Sample acidified to pH <2. Client No.: 119-3-113

Location: Back Of Room 224 Lab No.:6995510 Result(ppb):26.8

\* Sample acidified to pH <2. Client No.: 119-3-114

Location: Between Rooms 223 And 224 Result(ppb):48.8 Lab No.: 6995511

Client No.:119-3-117 \* Sample acidified to pH <2.

Lab No.:6995512 Location: Room 223 Right

\* Sample acidified to pH <2. Client No.: 119-3-119

Lab No.: 6995513 Location: Room 222 Right

\* Sample acidified to pH <2. Client No.:119-3-122

Lab No.:6995514 Location: Between Rooms 222 And 221 Result(ppb):33.7 Client No.: 119-3-124 \* Sample acidified to pH <2.

Lab No.: 6995515 Location: Room 221 Back Of Room Result(ppb):11.2

Client No.:119-3-126 \* Sample acidified to pH <2.

Lab No.: 6995516 Location: Across From Room 128 Result(ppb):8.40

\* Sample acidified to pH <2. Client No.:119-3-128

Lab No.:6995517

Location: Room 219 South Left Result(ppb):23.0 \* Sample acidified to pH <2. Client No.: 119-3-130

Please refer to the Appendix of this report for further information regarding your analysis.

3/6/2020 Date Received:

03/27/2020 Date Analyzed:

Signature: Chad Shaffer

Analyst:

Dated: 3/30/2020 10:10:57 Page 5 of 11 Approved By:

Frank E. Ehrenfeld, III Laboratory Director



CERTIFICATE OF ANALYSIS

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3860 California Road

Orchard Park NY

Client: STO708

3/30/2020 Report Date:

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612141 - Lead Water

Project:

Eden CSD; Eden HS/MS

2020L-119 Project No.:

#### LEAD WATER SAMPLE ANALYSIS SUMMARY

\* Sample acidified to pH <2.

Lab No.:6995518 Client No.: 119-3-131

Location: Room 219 South Right \* Sample acidified to pH <2. Result(ppb):11.5

Lab No.:6995519

Location: Room 219 North Left

Result(ppb):11.7

Client No.: 119-3-132

Location: Room 219 North Right

\* Sample acidified to pH <2.

Result(ppb):13.3

Client No.: 119-3-133 Lab No.:6995521

Client No.: 119-3-134

Lab No.:6995520

Location: Room 219 West

\* Sample acidified to pH <2.

Result(ppb):12.7

Lab No.:6995522 Client No.: 119-3-135

Location: Between 214 And 215 \* Sample acidified to pH <2.

Result(ppb):12.9

Lab No.:6995523 Client No.: 119-3-140

Location: Across From Business Office

\* Sample acidified to pH <2.

Result(ppb):<1.00

Lab No.: 6995524 Client No.: 119.3-141

Location: New Family Bathroom

\* Sample acidified to pH <2.

Result(ppb):<1.00

Lab No.: 6995525 Client No.: 119.3-142 Location: Room 155

\* Sample acidified to pH <2.

Result(ppb):<1.00

Lab No.:6995526

Client No.: 119.3-143

Location: New Family Bathroom \* Sample acidified to pH <2. Result(ppb):<1.00

Lab No.:6995527 Client No.: 119.3-145 Location: Boy's Locker Room

\* Sample acidified to pH <2.

Result(ppb):1.10

Please refer to the Appendix of this report for further information regarding your analysis.

Date Received:

3/6/2020

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03/27/2020

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Signature: Analyst:

Chad Shaffer

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CERTIFICATE OF ANALYSIS

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3860 California Road

Orchard Park NY 14127

Client: STO708

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612141 - Lead Water

Project:

Eden CSD; Eden HS/MS

Project No.:

2020L-119

#### LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6995528

Location:Pool

Result(ppb):48.4

Client No.: 119.3-153

\* Sample acidified to pH <2.

Lab No.:6995529

Location: Computer Server Room Client No.: 119.3-170 \* Sample acidified to pH <2.

Result(ppb):54.0

Lab No.:6995530 Client No.: 119.3-171 Location: Team Coaches Room 149

Result(ppb):6.90 \* Sample acidified to pH <2.

Location: Team Coaches Room 148F Result(ppb):22.4

Client No.: 119.3-172

\* Sample acidified to pH <2.

Result(ppb):12.6

Lab No.:6995532 Client No.: 119.3-173

Lab No.: 6995531

Location: Weight Room

\* Sample acidified to pH <2.

Result(ppb):128

Lab No.: 6995533 Client No.: 119.3-174

Location: Room 222 Teacher's Desk \* Sample acidified to pH <2.

Lab No.:6995534 Client No.:119.3-175 Location: Room 222 Back Of Room Left \* Sample acidified to pH <2.

Result(ppb):77.4

Lab No.: 6995535

Location: Room 221 Back Of Room

Result(ppb):7.70

Client No.: 119.3-176

\* Sample acidified to pH <2.

Lab No.:6995536

Location: Room 221 Teacher's Desk

Result(ppb):38.0

Client No.:119.3-177

\* Sample acidified to pH <2.

Result(ppb):68.0

Lab No.:6995537 Client No.: 119.3-178 Location: Room 220

\* Sample acidified to pH <2.

Please refer to the Appendix of this report for further information regarding your analysis.

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2 ... 1 Chad Shaffer Approved By:

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#### CERTIFICATE OF ANALYSIS

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3860 California Road

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Client: STO708

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Report No.:

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Eden CSD; Eden HS/MS

Project No.: 2020L-119

#### LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6995538

Location: Room 223 Back Of Room

Result(ppb):86.7

Client No.: 119.3-179

\* Sample acidified to pH <2.

Mesuit(ppb).00.

Lab No.:6995539 Client No.:119.3-180 Location: Laundry Room Between 220 And 219

\* Sample acidified to pH <2.

Result(ppb):35.5

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Client: STO708

Report Date: 3/30/2020

Report No.: 612141 - Lead Water

Project: Eden CSD; Eden HS/MS

Project No.: 2020L-119

#### LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6995540 Client No.: 119.3-181 Location: Room 224 Right \* Sample acidified to pH <2. Result(ppb):39.5

Lab No.: 6995541

Location: Room 225 Back Of Room

Result(ppb):39.2

Client No.: 119.3-182

\* Sample acidified to pH <2.

Lab No.:6995542 Client No.: 119.3-183 Location: Room 225 Back Of Room \* Sample acidified to pH <2.

Result(ppb):70.5

Lab No.:6995543 Client No.: 119.3-184

Location: Room 225 Teacher's Desk \* Sample acidified to pH <2.

Result(ppb):83.4

Lab No.: 6995544 Client No.:119.3-185

Location: Room 225 Back Of Room

\* Sample acidified to pH <2.

Result(ppb):236

Please refer to the Appendix of this report for further information regarding your analysis.

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Laboratory Director

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9000 Commerce Parkway Suite B Mt. Laurel, New Jersey 08054 Telephone: 856-231-9449

Email: customerservice@iatl.com

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2020L-119

### Appendix to Analytical Report:

Customer Contact: Lab Results Final Analysis: AAS-GF - ASTM D3559-08D

This appendix seeks to promote greater understanding of any observations, exceptions, special instructions, or circumstances that the laboratory needs to communicate to the client concerning the above samples. The information below is used to help promote your ability to make the most informed decisions for you and your customers. Please note the following points of contact for any questions you may have.

iATL Customer Service: customerservice@iatl.com iATL OfficeManager: ?wchampion@iatl.com iATL Account Representative: Shirley Clark Sample Login Notes: See Batch Sheet Attached

Sample Matrix: Water

Exceptions Noted: See Following Pages

#### General Terms, Warrants, Limits, Qualifiers:

General information about iATL capabilities and client/laboratory relationships and responsibilities are spelled out in iATL policies that are listed at www.iATL.com and ir our Quality Assurance Manual per ISO 17025 standard requirements. The information therein is a representation of iATL definitions and policies for turnaround times, sample submittal, collection media, blank definitions, quantification issues and limit of detection, analytical methods and procedures, sub-contracting policies, results reporting options, fees, terms, and discounts, confidentiality, sample archival and disposal, and data interpretation.

iATL warrants the test results to be of a precision normal for the type and methodology employed for each sample submitted. iATL disclaims any other warrants, expressed or implied, including warranty of fitness for a particular purpose and warranty of merchantability. iATL accepts no legal responsibility for the purpose for which the client uses test results. Any analytical work performed must be governed by our Standard Terms and Conditions. Prices, methods and detection limits may be changed without notification. Please contact your Customer Service Representative for the most current information.

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA LAP LLC, or any agency of local, state or province governments nor of any agency of the U.S. government.

This report shall not be reproduced except in full, without written approval of the laboratory.

#### Information Pertinent to this Report:

Analysis by AAS Graphite Furnace:

- ASTM D3559-08D
- Certification:
- NYS-DOH No. 11021
- NJDEP No. 03863

#### Note: These methods are analytically equivalent to iATL's accredited method;

- USEPA 40CFR 141.11B
- USEPA 200.9 Pb, AAS-GF, RL <2 ppb/sample
- USEPA SW 846-7421 Pb(AAS-GF, RL <2 ppb/sample)

Regulatory limit for lead in drinking water is 15.0 parts per billion as cited in EPA 40 CFR 141.11 National Primary Drinking Water Regulations, Subpart B: Maximum contaminant levels for inorganic chemicals.

All results are based on the samples as received at the lab. iATL assumes that appropriate sampling methods have been used and that the data upon which these results are based have been accurately supplied by the client.

Sample results are not corrected for contamination by field or analytical blanks.

PPB = Parts per billion. 1  $\mu$ g/L = 1 ppb MDL = 0.24 PPB Reporting Limit (RL) = 1.0 PPB

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Client: STO708

Report Date: 3/30/2020

Report No.: 612141 - Lead Water

Project: Eden CSD; Eden HS/MS

Project No.: 2020L-119

#### Disclaimers / Qualifiers:

There may be some samples in this project that have a "NOTE:" associated with a sample result. We use added disclaimers or qualifiers to inform the client about something that requires further explanation. Here is a complete list with highlighted disclaimers pertinent to this project. For a full explanation of these and other disclaimers, please inquire at customerservice@iatl.com.

Matrix spiking is performed on each client batch to determine if interferences could impact results. When spike recoveries fall out of acceptable range matrix interference is suspected and samples are diluted until acceptable spike recovery can be achieved. Reporting limits will increase by the same degree as the dilution required.

Note: Sample dilution required due to matrix interference.

Water Sample Turbidity greater than 1.0 NTU does not meet Federal and NJ State Primary & Secondary Drinking Water Standards.

\* ASTM D3559 (D) calls for the addition of acid at the time of sampling. Unless so noted on the chain of custody by the client iATL acidifies samples to a pH of <2 at least 24 hours prior to analysis.

Dated: 3/30/2020 10:10:57 Page 11 of 11



3860 California Road Orchard Park, New York 14127 (P) 716-312-0070 (F) 716-312-8092 www.stohlenvironmental.com

1.5 Laboratory Certifications

# NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER



Expires 12:01 AM April 01, 2020 Issued April 01, 2019

### CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. FRANK E. EHRENFELD III
INTERNATIONAL ASBESTOS TESTING LABS
9000 COMMERCE PARKWAY SUITE B
MOUNT LAUREL, NJ 08054

NY Lab Id No: 11021

is hereby APPROVED as an Environmental Laboratory for the category ENVIRONMENTAL ANALYSES POTABLE WATER All approved subcategories and/or analytes are listed below:

Metals I

Lead, Total ASTM D3559-90, 96, 03 & 08 (D)

Miscellaneous

Asbestos EPA 100.1

EPA 100.2

Serial No.: 59524

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.



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1.6 Chains of Custody



#### ENVIRONMENTAL

**Chain of Custody Document** 

Submitted to	(Lab	Name)
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**iATL** 

2020L-119

3860 California Road, Orchard Park, New York 14127 PHONE (716) 312-0070 FAX (716) 312-8092 WWW.STOHLENVIRONMENTAL.COM

STOHL Job#

Client: Eden CSD

Contact: Dave Martin

Building: Eden HS/MS

Location: 3150 Schoolview Road, Eden, NY 14057

LEAD

Water by AAS-GF: ASTM D3559-03D, US EPA 200.9

X

Turnaround 20 Days

Sample #	Location	Outlet Type	Time	Cooler Model	Lab ID	Daniella
119.3-1	big team room 150	S	23:00	Section model		Results
119.3-2	team room	DF	23:03		6995468 6995463	
119.3-3	new locker room 153	S	23:06		- 119.0	
119.3-8	outside science hub lavs boys	DF	23:09		6935477	
119.3-9	outside science hub lavs girls	DF	23:12		693047.	
119.3-16	hall near room 107	DF	23:15		522 1473	
119.3-17	back room 113	s	23:18		5933473	
119.3-18	main office back room	s	23:21		6935474	
119.3-19	principals office lav	s	23:24		6905475	
119.3-20	outside guidence office	DF	23:27		6905475	
119.3-21	nurses office 142	s	23:30		0.1.14	
119.3-22	nurses office lav 142	8	23:33		6901478	1
119.3-23	main room 1 - rm 142	S	23:36		29314 3	
119.3-24	main room 2 - rm 142	S	23:39		0901430	
119.3-25	across from 142B	DF	23:42		290 140 -	
119.3-34	outside Aud foyer bathrooms	BF	23:45		0001400	
119.3-35	outside Aud foyer bathrooms	DF	23:48		6993433	2-21-
119.3-37	outside room 120	DF	23:51		99.143	

Please e-mail lab results to labs@s	tohlenv.com 🔽 If che	ecked, also e-mail results to:	Ehenderson@StohlEnv.com
Sampled By: Rick Stotz	Print Name	Stohl Env: Rick Stotz	Date: 2/26/2020
Relinquished By:	Print Name	Stohl Env: Eric Henderson Jr.	Date: 3/2/2020
Received (Name / Lab):		Date:	Time:
Sample Login (Name / Lab):		Date:	Time EGZIVE
Analysis (Name / Lab):	43/24/20	Date:	Time:
QA/QC Review (Name / Lab):	To 3 30 20	Date:	Time: MAR 6 (2020
Archived / Released: QA	/QC InterLAB Use:	Date:	Time:
	Page	1 of 5	KTI-FW



Submitted to: (Lab Name)

IATL

3860 California Road, Orchard Park, New York 14127 PHONE (716) 312-0070 FAX (716) 312-8092 WWW.STOHLENVIRONMENTAL.COM

STOHL Job#

2020L-119

Building: Eden HS/MS Location: 3150 Schoolview Road, Eden,  LEAD  Water by AAS-GF: ASTM D3559-03D, US EPA 200.9  X 20 Day	ound	Results	
	Lab IP 9 15 4 8 6	Results	
	Lab IP 9 15 4 8 6	Results	
	Lab IP 935486	Results	
	935486	Results	
	935486	Results	
	935486	Results	
Sample # Location Outlet Type Time Cooler Model	935486	Results	
119.3-48 outside jr high wing lav left DF 23:57	12 14 1 11 11		
119.3-51 inside cafeteria DF 0:00	an 5486		
119.3-53 kitchen bathroom S 0:03	3334	_	
119.3-54 kitchen middle S 0:06	9774		
119.3-55 kitchen west room center S 0:09	99.4	-	
119.3-56 kitchen north room BF 0:12	99 148		
119.3-57 wand at stove S 0:15	311 1911	-	
119.3-58 wand at steamer S 0:18	00 40		
119.3-59 Ice Machine IM 0:21	84 14 15	-	
119.3-60 wand at dish machine S 0:24	88 1986		
440.04	0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
119.3-62 Kitchen Sink S 0:30	4 4 4 4 4		
119.3-75 131 hand wash S 0.33	931430		
119.3-76 outside room 131 DF 0:36	93 1433		
119.3-83 room 128 right rear DF 0:39	990000		
	911		
	93111		
119.3-85 back of room 213 \$ 0:45	93 15 13		
Notes: Please e-mail lab results to labs@stohlenv.com			
Sampled By: Rick Stotz Print Name Stohl Env: Rick Stotz Date: 2/2	6/2020		
Relinquished By: Print Name Stohl Env: Eric Henderson Jr Date: 3/2	V2020		
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	Time:		
	Time:		
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38	360 California Road, Orchard Par PHONE (716) 312-0070 FAX ( <u>WWW.STOHLENVIRONME</u>	716) 312-8092		STOHL	Job#	2020L-11	9
Client: Eden	CSD		Contact:	Dave Martin			
Building: Eden	HS/MS		Location	3150 Schoolview F	Donal Ed.	111/ 4 40 mm	
LEAD				o too concontew t	toau, Euen,	14057	
2-12	F 40714 Donne			Turnard	ound		
Water by AAS-G	F: ASTM D3559-03D, US EP	A 200.9	X	3 <del></del>	20 Day	S	
Sample #	Location	Outlet Tune 1	-				
119.3-86	teachers desk room 213	Outlet Type	Time	Cooler Mode	el	Lab ID	Results
119.3-87	across from room 206	S DF	0:48		6	995500	
119.3-98	between upper B&G Lavs	DF	0:51		6	930500	
119.3-99	between upper B&G Lavs	DF	0:54		- 6	993506	
119.3-107	wrestling room	DF	0:57			005507	
119.3-113	across from room 225	DF	1:00			dd3558	
119.3-114	back of room 224	S	1:03		159	301509	
119.3-117	between rooms 223&224	8	1:06		16	99.5	
119.3-119	room 223 right	S	1:09		16	99 5	
119.3-122	room 222 right	S	1:12		63	19 15 _	
119.3-124	between room 222&221	S	1:15		60	99.5	
119.3-126	room 221 back of room	S	1:18		87	35 5	
119.3-128	across from room 128	DF	1:21			99 15 0	
119.3-130	room 219 south left	S	1:24		8	09.5 6	
119.3-131	room 219 south right	S	1:27		- 16	d435"?	
119.3-132	room 219 north left	S	1:30		16	93 15 3	
119.3-133	room 219 north right	s	1:33		6	99 15 3	
119.3-134	room 219 west	S	1:36		6	<del>22552</del>	
lotes:					Lb	99 15./	
ampled By:	results to labs@stohlenv.com Rick Stotz						
ampied by,	RICK SLOIZ	Print Name	Stohl Env:	Rick Stotz	Date: 2/26	6/2020	
elinquished By:	2: HLQ_	Print Name	Stohl Env: E	ic Henderson Jr.	Date: 3/2/	2020	
eceived (Name /	Lab):		Date:		Time:		
ample Login (Na	me / Lab):		Date		-		
nalysis (Name / L	_ab):		Date:		Time:		
A/QC Review (N	ame / Lab):		Date:		-		
	V-25-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		J 410.	Time:			

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Submitted to: (Lab Name)

iATL

3860 California Road, Orchard Park, New York 14127

2020L-119 STOHL Job#

Client:	Eden CSD		Contact:	Contact: 0					
Building:	Eden HS/MS		Location: 0						
EAD Vater by AAS-GF: ASTM D3559-03D, US EPA 200.9			_x	-	Turnaround 20 Days				
Sampl	e# Location	Outlet Type	Time	Cooler Mode	I Lab ID I	Doculte			
119.3-			1:42	Cooler Wode		Result			
119.3-1			1:45		6993523				
119.3-1			1:48		6993524				
119.3-1		DF	1:51		608-66				
119.3-1			1:54		15.94 15 W				
119.3-1			1:57		648 1549				
119.3-1		DF	2:00		1 6 6 3 1 5 5 5	-			
119.3-1			2:03		1   <del>                                   </del>				
119.3-1	171 team coaches room		2:06		899 1330	_			
119.3-1	172 team coaches room		2:09		699 553				
119.3-1	173 weight room	DF	2:12	-1171-1-12	6937532				
119.3-1	174 room 222 teahcers	desk S	2:15		600 533				
119.3-1	175 room 222 back of room	om left S	2:18		699 1533				
119.3-1	176 room 221 back of r	oom S	2:21		693 1535				
119.3-1	177 room 221 teachers	desk S	2:24		1 23333556				
119.3-1	178 room 220	S	2:27		699 557	_			
119.3-1	room 223 back of r	oom S	2:30	7	6935533				
119.3-1	180 laundry rm between 2	20&219 S	2:33		699 1539				
otes: lease e-m	nail lab results to labs@stohl	env.com							
ampled B	y: Rick Stotz	Print Name	Stohl Env:	Rick Stotz	Date: 2/26/2020				
elinquishe	ed By:	Print Name	Stohl Env: E	Eric Henderson Jr.	Date: 3/2/2020				
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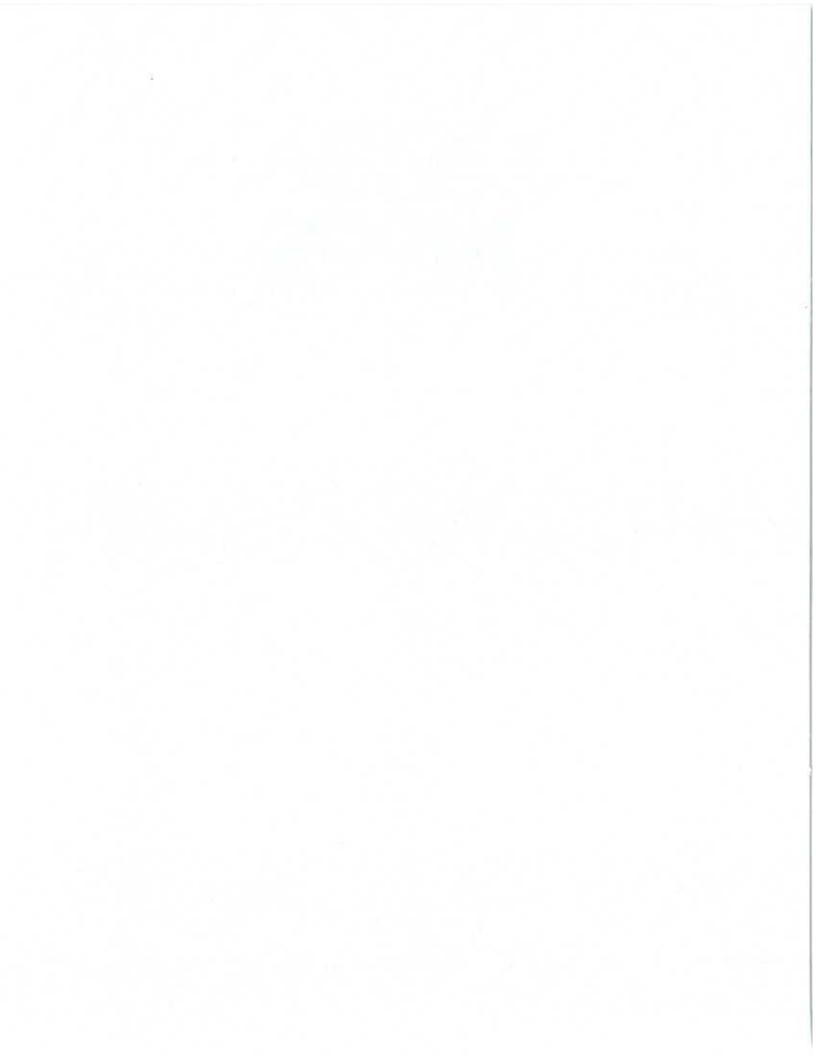


Submitted to: (Lab Name) IATL

	PHONE (7	Road, Orchard Pa 116) 312-0070 FAX STOHLENVIRONM	ark, New York 14127 (716) 312-8092 ENTAL.COM		STOHL.	Job#	2020L-11	9	
Client:	Eden CSD			Contact: 0					
Building:	ding: Eden HS/MS			Location: (	)				
<u>LEAD</u> Water by AAS-GF: ASTM D3559-03D, US EPA 200.9			X Turnaround 20 Days						
Samp	ole# I	ocation	Outlet Type	Time	Carlantia			die Henrie	
119.3		m 224 right	S	2:36	Cooler Mode	-	Lab ID	Results	
119.3-		5 back of room	S	2:39		-1	693.540		
119.3-		5 back of room	S	2:42			699554		
119.3-	-184 room 22	5 teachers desk	S	2:45		-1	090154		
Notes:		3/23/20 bs@stohlenv.com		2:48 5BC			695 1544		
Sampled E	By: Rick Stotz		Print Name	Stohl Env:	Rick Stotz	Date:	2/26/2020		
Relinquish	ned By:	469	Print Name	Stohl Env: E	ric Henderson Jr.	Date:	3/2/2020		
Received	(Name / Lab):	-		Date:		Time:			
Sample Lo	ogin (Name / Lab):			Date:					
Analysis (1	Name / Lab):			Date:		Time:			
QA/QC Re	eview (Name/Lab):			Date:		Time:			
Archived /	Released:	_QA/QC InterL/	AB Use:	_Date:					

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