iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: TTI Environmental Inc.
1253 North Church St.
Moorestown NJ 08057

Client: TTI379

Report Date: 4/6/2017
Report No.: 533416 - Lead Water
Project: Metuchen BOE; Campbell Elementary, 24 Durham Avenue
Project No.: 16-1614

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6192543 **Client No.:**1 CES-SF-K	**Location:**Kitchen-Food Prep Table-Sink Faucet	**Result(ppb):**<2.00
Lab No.:6192544 **Client No.:**2 CES-WC-HGYML	**Location:**Hall At Gym (Left)-Water Cooler	**Result(ppb):**<2.00
Lab No.:6192545 **Client No.:**4 CES-WC-H27L	**Location:**Hall At Rm 27 (Left)-Water Cooler	**Result(ppb):**<2.00
Lab No.:6192546 **Client No.:**5 CES-WC-H27R	**Location:**Hall At Rm 27 (Right)-Water Cooler	**Result(ppb):**<2.00
Lab No.:6192547 **Client No.:**6 CES-WC-H23L	**Location:**Hall At Rm 23 (Left)-Water Cooler	**Result(ppb):**<2.00
Lab No.:6192548 **Client No.:**7 CES-WC-H23R	**Location:**Hall At Rm 23 (Right)-Water Cooler	**Result(ppb):**<2.00
Lab No.:6192549 **Client No.:**8 CES-WC-H90	**Location:**Hall At Rm 90-Water Cooler	**Result(ppb):**<2.00
Lab No.:6192550 **Client No.:**9 CES-WC-H12	**Location:**Hall At Rm 12-Water Cooler	**Result(ppb):**<2.00
Lab No.:6192551 **Client No.:**10 CES-WC-H46L	**Location:**Hall At Rm 46 (Left)-Water Cooler	**Result(ppb):**<2.00
Lab No.:6192552 **Client No.:**11 CES-WC-H46R	**Location:**Hall At Rm 46 (Right)-Water Cooler	**Result(ppb):**<2.00

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

Date Received: 4/3/2017
Date Analyzed: 04/06/2017
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: TTI Environmental Inc.
1253 North Church St.
Moorestown NJ 08057

Client: TTI379

Report Date: 4/6/2017
Report No.: 533416 - Lead Water
Project: Metuchen BOE; Campbell Elementary, 24 Durham Avenue
Project No.: 16-1614

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6192553 **Client No.:**12 CES-SF-NURSE1	**Location:**Rm 46 Nurse Exam-Sink Faucet	**Result(ppb):**<2.00
Lab No.:6192554 **Client No.:**13 CES-SF-NURSEO	**Location:**Rm 46 Nurse Office-Sink Faucet	**Result(ppb):**<2.00
Lab No.:6192555 **Client No.:**14 CES-WC-H18L	**Location:**Hall At Rm 18 (Left)-Water Cooler	**Result(ppb):**<2.00
Lab No.:6192556 **Client No.:**15 CES-WC-H18R	**Location:**Hall At Rm 18 (Right)-Water Cooler	**Result(ppb):**<2.00
Lab No.:6192557 **Client No.:**16 CES-WC-H2	**Location:**Hall At Rm 2-Water Cooler	**Result(ppb):**<2.00
Lab No.:6192558 **Client No.:**17 CES-WC-H5	**Location:**Hall At Rm 5-Water Cooler	**Result(ppb):**<2.00
Lab No.:6192559 **Client No.:**18 CES-SF-FACULTY	**Location:**Faculty Rm-Sink Faucet	**Result(ppb):**<2.00
Lab No.:6192560 **Client No.:**Blank	**Location:**Blank	**Result(ppb):**<2.00

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

Date Received: 4/3/2017
Date Analyzed: 04/06/2017
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: TTI Environmental Inc.
1253 North Church St.
Moorestown NJ 08057

Client: TTI379

Report Date: 4/6/2017
Report No.: 533416 - Lead Water
Project: Metuchen BOE; Campbell Elementary, 24 Durham Avenue
Project No.: 16-1614

Appendix to Analytical Report:

Customer Contact: TTI Reports
Analysis: AAS-GF - ASTM D3559-08D, USEPA 40CFR 141.11B, 2010

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: cdavis@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 in 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, USEPA 40CFR 141.11B, 2010
- USEPA 200.9Pb, AAS-GF, RL <2 ppb/sample
- USEPA SW 846-7000B:7421 - Pb(AAS-GF, RL <2 ppb/sample)

Certification:
- NYS-DOH No. 11021
- NJDEP No. 03863

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 µg/L = 1 ppb MDL = 0.24 PPB Reporting Limit (RL) = 2.0 PPB

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.**

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

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

– Environmental Lead –

Contact Information

Client Company:	TTI Environmental, Inc.	**Project Number:**	16-1614
Office Address:	1253 North Church Street	**Project Name:**	Metuchen BOE
City, State, Zip:	Moorestown, NJ 08057	**Primary Contact:**	Jim Guilardi
Fax Number:	856-840-8815	**Office Phone:**	856-840-880
Email Address:	Jimg@ttienv.com	**Cell Phone:**	609-314-1683

iATL is accredited by the National Lead Laboratory Accreditation Program (NLLAP) to perform analytical testing of environmental samples for lead (Pb). The accreditation is through AIHA-LAP, LLC and several other nationally recognized state programs.

Matrix/Method:

- ☐ Paint by AAS: ASTM D3335-85a, 2009
- ☐ Wipe/Dust by AAS: SW 846: 3050B: 700B, 2010
- ☐ Air by AAS: NIOSH 7082, 1994
- ☐ Soil by AAS: EPA SW 846 (Soil)
- ☐ Water by AAS-GF: ASTM D3559-03D, USEPA 40CFR 141.11B, 2010
- ☐ Other Metals (Cd, Zn, Cr) by AAS
- ☐ Toxicity Characteristic Leaching Procedure (TCLP) by AAS: USEPA 1311
- ☑ Other Lead in Water EPA 200.9

Special Instructions:

PO # 022380 ESCNJ Co-Op

Campbell Elementary School

(CES)

Turnaround Time

Preliminary Results Requested Date: _____ (Specific date / time) ■ Verbal ■ Email ☐ Fax

☐ 10 Day ■ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization):		Date:	Time:
Received (Name / iATL):		Date:	Time:
Sample Login (Name / iATL):	KV 4-3-17	Date:	Time:
Analysis(Name(s) / iATL):		Date:	Time:
QA/QC Review (Name / iATL):	4/6/17	Date:	Time:
Archived / Released: _____ QA/QC InterLAB Use: _____		Date:	Time:

RECEIVED
APR - 3 2017

iATL - By KV

TTI Environmental, Inc. Since 1985
1253 North Church Street, Moorestown, NJ 08057
856-840-8800 Fax 856-840-8815

LEAD IN WATER SAMPLING DATA AND CHAIN OF CUSTODY

PROJECT #: 16-1614	CLIENT: Metuchen BOE		FACILITY: Campbell Elementary
PO #: 022380	SAMPLER(S): A. Culliton	DATE: 4/1/2017	ADDRESS: 24 Durham Avenue

	Sample ID	Location/Description	Time	Sample Type: Initial Flush (30sec / 15min)	Outlet Type:	Volume	Notes: Discolored, Odor, Low Flow, Etc...
1	CES-SF-K	Kitchen-Food Prep Table	9:15	Initial	Sink Faucet	250mL	6192543
2	CES-WC-HGYML	Hall at Gym (Left)	9:16	Initial	Water Cooler	250mL	6192544
3	CES-WC-HGYMR	Hall at Gym (Right)	-	Initial	Water Cooler	250mL	Fixture No Longer Present-No Sample Submitted
4	CES-WC-H27L	Hall at Rm 27 (Left)	9:19	Initial	Water Cooler	250mL	6192545
5	CES-WC-H27R	Hall at Rm 27 (Right)	9:20	Initial	Water Cooler	250mL	6192546
6	CES-WC-H23L	Hall at Rm 23 (Left)	9:23	Initial	Water Cooler	250mL	6192547
7	CES-WC-H23R	Hall at Rm 23 (Right)	9:23	Initial	Water Cooler	250mL	6192548
8	CES-WC-H90	Hall at Rm 90	9:25	Initial	Water Cooler	250mL	6192549
9	CES-WC-H12	Hall at Rm 12	9:27	Initial	Water Cooler	250mL	6192550
10	CES-WC-H46L	Hall at Rm 46 (Left)	9:28	Initial	Water Cooler	250mL	6192551
11	CES-WC-H46R	Hall at Rm 46 (Right)	9:29	Initial	Water Cooler	250mL	6192552
12	CES-SF-NURSE1	Rm 46-Nurse Exam	9:30	Initial	Sink Faucet	250mL	6192553
13	CES-SF-NURSEO	Rm 46-Nurse Office	9:31	Initial	Sink Faucet	250mL	6192554
14	CES-WC-H18L	Hall at Rm 18 (Left)	9:33	Initial	Water Cooler	250mL	6192555
15	CES-WC-H18R	Hall at Rm 18 (Right)	9:34	Initial	Water Cooler	250mL	6192556
16	CES-WC-H2	Hall at Rm 2	9:40	Initial	Water Cooler	250mL	Low Flow 6192557
17	CES-WC-H5	Hall at Rm 5	9:42	Initial	Water Cooler	250mL	6192558
18	CES-SF-FACULTY	Faculty Rm	9:45	Initial	Sink Faucet	250mL	6192559
	BLANK	-	9:15	-	-	250mL	6192560

ACID+