

CERTIFICATE OF ANALYSIS

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

Report Date: 4/20/2017
Report No.: 534176 - Lead Water
Project: Waterford Twp. Schools
Project No.: 17-133

Client: TTI379

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6202892
Client No.: TRE-FO-K

Location: Kitchen-Pot Filler

Result(ppb): 25.2

Lab No.: 6202893
Client No.: TRE-SF-K

Location: Kitchen-Sink Faucet

Result(ppb): 6.40

Lab No.: 6202894
Client No.: TRE-FRIDGE-NURSE

Location: Nurse's Office-Fridge

Result(ppb): <2.00

Lab No.: 6202895
Client No.: TRE-IM NURSE

Location: Nurse's Office-Fridge Ice Machine

Result(ppb): <2.00

Lab No.: 6202896
Client No.: TRE-EWSF-NURSE

Location: Nurse's Office-Eyewash

Result(ppb): <2.00

Lab No.: 6202897
Client No.: TRE-WC-FACE

Location: Cafeteria-Water Cooler

Result(ppb): <2.00

Lab No.: 6202898
Client No.: TRE-WC-HGYM-L

Location: Hall Outside Gym (Left)-Water Cooler

Result(ppb): 3.20

Note: Sample turbidity >1.0 NTU. Does not meet Federal and NJ State Primary and Secondary Drinking Water Standards.

Lab No.: 6202899
Client No.: TRE-WC-HGYM-R

Location: Hall Outside Gym (Right)-Water Cooler


Result(ppb): 2.50


Lab No.: 6202900
Client No.: TRE-WC-OLDSTAFF

Location: Old Staff Lounge-Water Cooler

Result(ppb): <2.00

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

Date Received: 4/13/2017
Date Analyzed: 04/20/2017
Signature: 
Analyst: Mark Stewart

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

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Lab No.:6202901 **Location:**Room 15-Sink Bubblers **Result(ppb):**13.9
Client No.:TRE-SB-15

Lab No.:6202902 **Location:**Room 13-Sink Bubblers **Result(ppb):**16.8
Client No.:TRE-SB-13

Lab No.:6202903 **Location:**Media Center (Right)-Water Cooler **Result(ppb):**8.40
Client No.:TRE-WC-MEDIA-R

Lab No.:6202904 **Location:**Media Center (Left)-Water Cooler **Result(ppb):**34.6
Client No.:TRE-WC-MEDIA-L

Note: Sample turbidity >1.0 NTU. Does not meet Federal and NJ State Primary and Secondary Drinking Water Standards.

Lab No.:6202905 **Location:**Hall Outside Boy's And Girl's Restroom By Room 6 (Right)-Water Cooler **Result(ppb):**<2.00
Client No.:TRE-WC-H6-R


Lab No.:6202906 **Location:**Hall Outside Boy's And Girl's Restroom By Room 6 (Left)-Water Cooler **Result(ppb):**<2.00
Client No.:TRE-WC-H6-L


Lab No.:6202907 **Location:**Room 10-Water Cooler **Result(ppb):**15.5
Client No.:TRE-SB-10

Lab No.:6202908 **Location:**Hall Outside Room 10 (Left)-Water Cooler **Result(ppb):**<2.00
Client No.:TRE-WC-H10-L

Lab No.:6202909 **Location:**Hall Outside Room 10 (Right)-Water Cooler **Result(ppb):**<2.00
Client No.:TRE-WC-H10-R

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Lab No.:6202910 **Location:**Room 12-Sink Bubblers **Result(ppb):**2.30
Client No.:TRE-SB-12

Lab No.:6202911 **Location:**Room 5A-Sink Faucet **Result(ppb):**18.6
Client No.:TRE-SF-5A

Lab No.:6202912 **Location:**Room 14-Sink Bubblers **Result(ppb):**7.70
Client No.:TRE-SB-14

Lab No.:6202913 **Location:**Room 16-Sink Bubblers **Result(ppb):**2.40
Client No.:TRE-SB-16

Lab No.:6202914 **Location:**Room 7-Sink Bubblers **Result(ppb):**12.2
Client No.:TRE-SB-7


Lab No.:6202915 **Location:**Room 9-Sink Bubblers **Result(ppb):**2.70
Client No.:TRE-SB-9


Lab No.:6202916 **Location:**Room 18-Sink Bubblers **Result(ppb):**3.10
Client No.:TRE-SB-18

Lab No.:6202917 **Location:**Kitchen-Sink Faucet **Result(ppb):**3.70
Client No.:TRE-SF-K1

Lab No.:6202918 **Location:**Blank **Result(ppb):**<2.00
Client No.:Blank

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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 Office Manager: 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.

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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.