

CERTIFICATE OF ANALYSIS

Client: TTI Environmental Inc. 1253 North Church St. Moorestown NJ 08057	Report Date: 4/4/2018 Report No.: 560587 - Lead Water Project: Waterford Twp Schools Project No.: 17-133	Rev #2, 4/9/2018
Client: TTI379		

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6479727                      Location:Board Office Hall                      Result(ppb):10.4  
Client No.:1-WES-WC-HB0

Lab No.:6479728                      Location:Board Office Hall                      Result(ppb):<2.00  
Client No.:1F-WES-WC-HB0F

Lab No.:6479729                      Location:Hall Outside Laundry                      Result(ppb):<2.00  
Client No.:2-WES-WC-HLAUNDRY

Lab No.:6479730                      Location:Rm 306                      Result(ppb):11.7  
Client No.:3-WES-SF-306

Lab No.:6479731                      Location:Rm 306                      Result(ppb):<2.00  
Client No.:3F-WES-SF-306F

Lab No.:6479732                      Location:Rm 110                      Result(ppb):<2.00  
Client No.:4F-WES-SB-101F

Lab No.:6479733                      Location:Kitchen                      Result(ppb):<2.00  
Client No.:5F-AE-SF-K2F

Lab No.:6479734                      Location:Kitchen                      Result(ppb):40.3  
Client No.:6-TRE-FO-K

Lab No.:6479735                      Location:Kitchen                      Result(ppb):3.50  
Client No.:6F-TRE-FO-K F

Lab No.:6479736                      Location:Cafeteria                      Result(ppb):7.40  
Client No.:7-TRE-WC-FACE

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

Date Received: 3/29/2018  
Date Analyzed: 04/04/2018  
Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6479737

Location: Media Center Left

Result(ppb): 101

Client No.: 8-TRE-WC-MEDIA L

Lab No.: 6479738

Location: Media Center Left

Result(ppb): 99.4

Client No.: 8F-TRE-WC-MEDIA F

Lab No.: 6479739

Location: Rm 10

Result(ppb): <2.00

Client No.: 9F-TRE-SB-10F

Lab No.: 6479740

Location: Rm 5A

Result(ppb): <2.00

Client No.: 10F-TRE-SF-5A F

Lab No.: 6479741

Location: Rm 13

Result(ppb): <2.00

Client No.: 11F-TRE-SB-13 F

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

Date Received: 3/29/2018

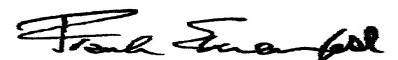
Date Analyzed: 04/04/2018

Signature:



Analyst: Chad Shaffer

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Frank E. Ehrenfeld, III

Laboratory Director

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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](http://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.

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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](mailto:customerservice@iatl.com).

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