

## CERTIFICATE OF ANALYSIS

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

**Report Date:** 12/21/2016  
**Report No.:** 525744 - Lead Water  
**Project:** Lumberton BOE (Bobby's Run School)  
**Project No.:** 16-1334

**Client:** TTI379

### LEAD WATER SAMPLE ANALYSIS SUMMARY

**Lab No.:** 6105480      **Location:** Mechanical Pump Room- Interior      **Result(ppb):** 1880

**Client No.:** BRS-IHB-MPR

**Location:** Hose Bib, 12-10-16

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

**Lab No.:** 6105481      **Location:** Exterior Hose Bib, 12-10-16      **Result(ppb):** <2.00  
**Client No.:** BRS-EHB-EXT

**Lab No.:** 6105482      **Location:** Kitchen-Ice Machine, 12-10-16      **Result(ppb):** <2.00  
**Client No.:** BRS-IM-K

**Lab No.:** 6105483      **Location:** Kitchen (Left)-Sink Faucet, 12-10-16      **Result(ppb):** <2.00  
**Client No.:** BRS-SF-KL

**Lab No.:** 6105484      **Location:** Kitchen (Right)-Sink Faucet, 12-10-16      **Result(ppb):** 5.10  
**Client No.:** BRS-SF-KR

**Lab No.:** 6105485      **Location:** Kitchen-Steamer, 12-10-16      **Result(ppb):** <2.00  
**Client No.:** BRS-ST-K

**Lab No.:** 6105486      **Location:** 900 Cafe/Gym Left (Near Serving      **Result(ppb):** <2.00  
**Client No.:** BRS-WC-APL      Center)-Water Cooler, 12-10-16

**Lab No.:** 6105487      **Location:** 900 Cafe/Gym Right(Near Serving      **Result(ppb):** <2.00  
**Client No.:** BRS-WC-APR      Center)-Water Cooler, 12-10-16

**Lab No.:** 6105488      **Location:** 900 Cafe/Gym Left (Far Wall)-Water      **Result(ppb):** <2.00  
**Client No.:** BRS-WC-PEL      Cooler, 12-10-16

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

**Date Received:** 12/12/2016

**Date Analyzed:** 12/21/2016

**Signature:** 

**Analyst:** Mark Stewart

**Approved By:** 

Frank E. Ehrenfeld, III  
Laboratory Director

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**Lab No.:**6105489      **Location:**900 Cafe/Gym Right (Far Wall)-Water Cooler, 12-10-16      **Result(ppb):**<2.00  
**Client No.:**BRS-WC-PER

**Lab No.:**6105490      **Location:**Room 1001-Sink/Bubbler, 12-10-16      **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1001

**Lab No.:**6105491      **Location:**Hall Across 1001-Left-Water Cooler, 12-10-16      **Result(ppb):**<2.00  
**Client No.:**BRS-WC-H1001L

**Lab No.:**6105492      **Location:**Hall Across 1001-Right-Water Cooler, 12-10-16      **Result(ppb):**<2.00  
**Client No.:**BRS-WC-H1001R

**Lab No.:**6105493      **Location:**Room 1000-Sink Faucet, 12-10-16      **Result(ppb):**16.4  
**Client No.:**BRS-SF-R1000


**Lab No.:**6105494      **Location:**Room 822-Medai Center Work Room- Sink Faucet, 12-10-16      **Result(ppb):**10.7  
**Client No.:**BRS-SF-R822WR

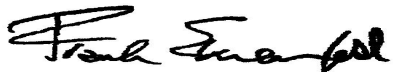
**Lab No.:**6105495      **Location:**Room 820-(Exam)-Eye Wash Sink Faucet, 12-10-16      **Result(ppb):**<2.00  
**Client No.:**BRS-EWSF-R820E

**Lab No.:**6105496      **Location:**Room 820-(Restroom)-Eye Wash Sink Faucet, 12-10-16      **Result(ppb):**<2.00  
**Client No.:**BRS-EWSF-R820RR

**Lab No.:**6105497      **Location:**Hallway Adjacent Guidance Suite- Water Cooler, 12-10-16      **Result(ppb):**<2.00  
**Client No.:**BRS-WC-H820L

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**Lab No.:**6105498      **Location:**Hallway Adjacent Guidance Suite-      **Result(ppb):**<2.00  
**Client No.:**BRS-WC-H820R      Water Cooler, 12-10-16

**Lab No.:**6105499      **Location:**Room 810-Sink Faucet, 12-10-16      **Result(ppb):**2.40  
**Client No.:**BRS-SF-R810

**Lab No.:**6105500      **Location:**Hall Adjacent 823-Left-Water Cooler,      **Result(ppb):**<2.00  
**Client No.:**BRS-WC-H823L      12-10-16

**Lab No.:**6105501      **Location:**Hall Adjacent 823-Right-Water      **Result(ppb):**<2.00  
**Client No.:**BRS-WC-H823R      Cooler, 12-10-16

**Lab No.:**6105502      **Location:**Room 823-Sink Faucet, 12-10-16      **Result(ppb):**<2.00  
**Client No.:**BRS-SF-R823


**Lab No.:**6105503      **Location:**Room 1208-Sink w/Bubbler, 12-10-16      **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1208

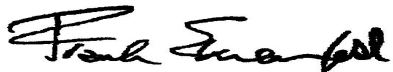
**Lab No.:**6105504      **Location:**Room 1206-Sink w/Bubbler, 12-10-16      **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1206

**Lab No.:**6105505      **Location:**Room 1204-Sink w/Bubbler, 12-10-16      **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1204

**Lab No.:**6105506      **Location:**Room 1203-Sink w/Bubbler, 12-10-16      **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1203

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### LEAD WATER SAMPLE ANALYSIS SUMMARY

**Lab No.:**6105507                      **Location:**Room 1202-Sink w/Bubbler, 12-10-16    **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1202

**Lab No.:**6105508                      **Location:**Room 1201-Sink w/Bubbler, 12-10-16    **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1201

**Lab No.:**6105509                      **Location:**Room 1200-Sink w/Bubbler, 12-10-16    **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1200

**Lab No.:**6105510                      **Location:**Hall Across 1200-Left-Water Cooler,    **Result(ppb):**<2.00  
**Client No.:**BRS-WC-H1200L                      12-10-16

**Lab No.:**6105511                      **Location:**Hall Across 1200-Right-Water Cooler,    **Result(ppb):**<2.00  
**Client No.:**BRS-WC-H1200R                      12-10-16


**Lab No.:**6105512                      **Location:**Room 1301-Sink w/Bubbler, 12-10-16    **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1301


**Lab No.:**6105513                      **Location:**Room 1302-Sink w/Bubbler, 12-10-16    **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1302

**Lab No.:**6105514                      **Location:**Room 1304-Sink w/Bubbler, 12-10-16    **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1304

**Lab No.:**6105515                      **Location:**Room 1303-Sink w/Bubbler, 12-10-16    **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1303

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**Lab No.:**6105516                      **Location:**Room 1110-Sink w/Bubbler, 12-10-16    **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1110

**Lab No.:**6105517                      **Location:**Room 1108-Sink w/Bubbler, 12-10-16    **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1108

**Lab No.:**6105518                      **Location:**Room 1106-Sink w/Bubbler, 12-10-16    **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1106

**Lab No.:**6105519                      **Location:**Room 1105-Sink w/Bubbler, 12-10-16    **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1105

**Lab No.:**6105520                      **Location:**Room 1103-Sink w/Bubbler, 12-10-16    **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1103


**Lab No.:**6105521                      **Location:**Room 1104-Sink w/Bubbler, 12-10-16    **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1104

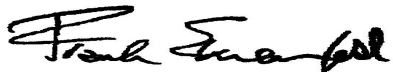
**Lab No.:**6105522                      **Location:**Room 1102-Sink w/Bubbler, 12-10-16    **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1102

**Lab No.:**6105523                      **Location:**Room 1100-Sink w/Bubbler, 12-10-16    **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1100

**Lab No.:**6105524                      **Location:**Room 1101-Sink w/Bubbler, 12-10-16    **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1101

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**Lab No.:**6105525      **Location:**Room 1101-Left-Sink Faucet, 12-10-16      **Result(ppb):**<2.00  
**Client No.:**BRS-SF-R1101L

**Lab No.:**6105526      **Location:**Room 1101-Right-Sink Faucet, 12-10-16      **Result(ppb):**<2.00  
**Client No.:**BRS-SF-R1101R

**Lab No.:**6105527      **Location:**Room 1006-Sink w/Bubbler, 12-10-16      **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1006

**Lab No.:**6105528      **Location:**Room 1004-Sink w/Bubbler, 12-10-16      **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1004


**Lab No.:**6105529      **Location:**Room 1005-Sink w/Bubbler, 12-10-16      **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1005

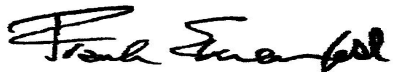
**Lab No.:**6105530      **Location:**Room 1002-Sink w/Bubbler, 12-10-16      **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1002

**Lab No.:**6105531      **Location:**Room 1003-Sink w/Bubbler, 12-10-16      **Result(ppb):**<2.00  
**Client No.:**BRS-SB-R1003

**Lab No.:**6105532      **Location:**Blank, 12-10-16      **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:

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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](mailto:customerservice@iatl.com).

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