

CERTIFICATE OF ANALYSIS

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

Report Date: 5/11/2017
Report No.: 534919 - Lead Water
Project: BRMS
Project No.: 16-1944

Client: TTI379

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6216168 **Location:**B1-Faucet **Result(ppb):**3.80
Client No.:1-MS-SL1-B1

Lab No.:6216169 **Location:**B1-Faucet **Result(ppb):**39.8
Client No.:2-MS-SL2-B1

Lab No.:6216170 **Location:**B1-Faucet **Result(ppb):**24.0
Client No.:3-MS-SL3-B1

Lab No.:6216171 **Location:**B1-Faucet **Result(ppb):**46.8
Client No.:4-MS-SL4-B1

Lab No.:6216172 **Location:**B2-Faucet **Result(ppb):**58.4
Client No.:5-MS-SL-B2

Lab No.:6216173 **Location:**B3-Faucet **Result(ppb):**54.0
Client No.:6-MS-SL1-B3

Lab No.:6216174 **Location:**B3-Faucet **Result(ppb):**156
Client No.:7-MS-SL2-B3

Lab No.:6216175 **Location:**B3-Faucet **Result(ppb):**50.0
Client No.:8-MS-SL3-B3

Lab No.:6216176 **Location:**B3-Faucet **Result(ppb):**21.8
Client No.:9-MS-SL4-B3

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

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Signature: 

Analyst: Mark Stewart

Approved By: 

Frank E. Ehrenfeld, III
Laboratory Director

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Lab No.:6216177 **Location:**B Wing-Fountain **Result(ppb):**<2.00
Client No.:10-MS-DW-BW

Lab No.:6216178 **Location:**B Wing Up-Fountain **Result(ppb):**<2.00
Client No.:11-MS-DW1-BWU

Lab No.:6216179 **Location:**B Wing Up-Fountain **Result(ppb):**<2.00
Client No.:12-MS-DW2-BWU

Lab No.:6216180 **Location:**B21-Faucet **Result(ppb):**3.10
Client No.:13-MS-SL1-B21

Lab No.:6216181 **Location:**B21-Faucet **Result(ppb):**16.2
Client No.:14-MS-SL2-B21


Lab No.:6216182 **Location:**B21-Faucet **Result(ppb):**4.30
Client No.:15-MS-SL3-B21


Lab No.:6216183 **Location:**B21-Faucet **Result(ppb):**8.90
Client No.:16-MS-SL4-B21

Lab No.:6216184 **Location:**B22-Faucet **Result(ppb):**2.50
Client No.:17-MS-SL-B22

Lab No.:6216185 **Location:**B23-Faucet **Result(ppb):**32.0
Client No.:18-MS-SL1-B23

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Lab No.:6216186 **Location:**B23-Faucet **Result(ppb):**3.20
Client No.:20-MS-SL3-B23

Lab No.:6216187 **Location:**B23-Faucet **Result(ppb):**5.10
Client No.:21-MS-SL4-B23

Lab No.:6216188 **Location:**B24-Faucet **Result(ppb):**47.2
Client No.:22-MS-SL1-B24

Lab No.:6216189 **Location:**B24-Faucet **Result(ppb):**22.6
Client No.:23-MS-SL2-B24

Lab No.:6216190 **Location:**B24-Faucet **Result(ppb):**10.6
Client No.:24-MS-SL3-B24


Lab No.:6216191 **Location:**B24-Faucet **Result(ppb):**3.90
Client No.:25-MS-SL4-B24


Lab No.:6216192 **Location:**B25-Faucet **Result(ppb):**<2.00
Client No.:26-MS-SL-B25

Lab No.:6216193 **Location:**C1-Faucet **Result(ppb):**11.4
Client No.:27-MS-SL1-C1

Lab No.:6216194 **Location:**C1-Faucet **Result(ppb):**14.5
Client No.:28-MS-SL2-C1

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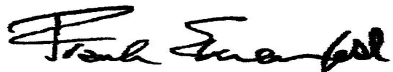
Client: TTI379

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6216195 Client No.: 29-MS-SL3-C1	Location: C1-Faucet	Result(ppb): 71.4
Lab No.: 6216196 Client No.: 30-MS-SL4-C1	Location: C1-Faucet	Result(ppb): 34.6
Lab No.: 6216197 Client No.: 31-MS-SL-C2	Location: C2-Faucet	Result(ppb): 6.20
Lab No.: 6216198 Client No.: 32-MS-DW1-CW	Location: C Wing-Fountain	Result(ppb): <2.00
Lab No.: 6216199 Client No.: 33-MS-SL1-C3	Location: C3-Faucet	Result(ppb): 26.0
Lab No.: 6216200 Client No.: 34-MS-SL2-C3	Location: C3-Faucet	Result(ppb): 10.8
Lab No.: 6216201 Client No.: 35-MS-SL3-C3	Location: C3-Faucet	Result(ppb): 30.6
Lab No.: 6216202 Client No.: 36-MS-SL4-C3	Location: C3-Faucet	Result(ppb): 10.0
Lab No.: 6216203 Client No.: 37-MS-DW2-CW	Location: C Wing-Fountain	Result(ppb): <2.00

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Lab No.:6216204 **Location:**C4-Faucet **Result(ppb):**2.60
Client No.:38-MS-SL-C4

Lab No.:6216205 **Location:**C21-Faucet **Result(ppb):**68.7
Client No.:39-MS-SL1-C21

Lab No.:6216206 **Location:**C21-Faucet **Result(ppb):**52.8
Client No.:40-MS-SL2-C21

Lab No.:6216207 **Location:**C21-Faucet **Result(ppb):**660
Client No.:41-MS-SL3-C21
Note: Sample turbidity >1.0 NTU. Does not meet Federal and NJ State Primary and Secondary Drinking Water Standards.
Sample analyzed 5/12/17 by Mark Stewart.

Lab No.:6216208 **Location:**C22-Faucet **Result(ppb):**5.30
Client No.:43-MS-SL-C22


Lab No.:6216209 **Location:**C23-Faucet **Result(ppb):**7.60
Client No.:44-MS-SL1-C23

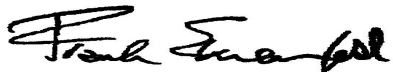
Lab No.:6216210 **Location:**C23-Faucet **Result(ppb):**590
Client No.:45-MS-SL2-C23

Lab No.:6216211 **Location:**C23-Faucet **Result(ppb):**64.5
Client No.:46-MS-SL3-C23

Lab No.:6216212 **Location:**C23-Faucet **Result(ppb):**11.0
Client No.:47-MS-SL4-C23

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Lab No.:6216213 **Location:**C Wing Up-Fountain **Result(ppb):**<2.00
Client No.:48-MS-DW1-CWU

Lab No.:6216214 **Location:**C Wing Up-Fountain **Result(ppb):**<2.00
Client No.:49-MS-DW2-CWU

Lab No.:6216215 **Location:**D Wing-Fountain **Result(ppb):**<2.00
Client No.:50-MS-DW1-DW

Lab No.:6216216 **Location:**D Wing-Fountain **Result(ppb):**<2.00
Client No.:51-MS-DW2-DW

Lab No.:6216217 **Location:**N7-Faucet **Result(ppb):**<2.00
Client No.:52-MS-CS-N7


Lab No.:6216218 **Location:**D33-Faucet **Result(ppb):**8.30
Client No.:53-MS-SL1-D33


Lab No.:6216219 **Location:**D33-Faucet **Result(ppb):**9.20
Client No.:54-MS-SL2-D33

Lab No.:6216220 **Location:**D33-Faucet **Result(ppb):**2260
Client No.:55-MS-SL3-D33

Note: Sample turbidity >1.0 NTU. Does not meet Federal and NJ State Primary and Secondary Drinking Water Standards.
Sample analyzed 5/12/17 by Mark Stewart.

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Lab No.:6216221 **Location:**D33-Faucet **Result(ppb):**11100
Client No.:56-MS-SL4-D33
Note: Sample turbidity >1.0 NTU. Does not meet Federal and NJ State Primary and Secondary Drinking Water Standards.
Sample analyzed 5/12/17 by Mark Stewart.

Lab No.:6216222 **Location:**D32-Faucet **Result(ppb):**13.0
Client No.:57-MS-SL-D32

Lab No.:6216223 **Location:**D31-Faucet **Result(ppb):**8.40
Client No.:58-MS-SL1-D31

Lab No.:6216224 **Location:**D31-Faucet **Result(ppb):**485
Client No.:59-MS-SL2-D31

Lab No.:6216225 **Location:**D31-Faucet **Result(ppb):**175
Client No.:60-MS-SL3-D31


Lab No.:6216226 **Location:**D Wing Up-Fountain **Result(ppb):**<2.00
Client No.:61-MS-DW1-DWU


Lab No.:6216227 **Location:**D Wing Up-Fountain **Result(ppb):**<2.00
Client No.:62-MS-DW2-DWU

Lab No.:6216228 **Location:**A21-Faucet **Result(ppb):**2.20
Client No.:63-MS-CS1-A21

Lab No.:6216229 **Location:**A21-Faucet **Result(ppb):**4.80
Client No.:64-MS-CS2-A21

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6216230
Client No.:65-MS-SK-Stage

Location:Stage-Faucet


Result(ppb):2.40

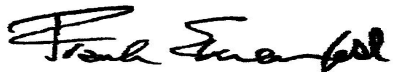
Lab No.:6216231
Client No.:66-MS-DW-AW

Location:A Wing-Fountain

Result(ppb):<2.00

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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.

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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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.