

CERTIFICATE OF ANALYSIS

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

Report Date: 5/18/2017
Report No.: 535757 - Lead Water
Project: Bridgewater-Raritan; High School
Project No.: 16-1944

Client: TTI379

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6230057 **Location:**1024E-Faucet **Result(ppb):**<2.00
Client No.:HS-SK-1024E

Lab No.:6230058 **Location:**2001-Faucet **Result(ppb):**44.3
Client No.:HS-SL1-2001

Lab No.:6230059 **Location:**2001-Faucet **Result(ppb):**27.4
Client No.:HS-SL2-2001

Lab No.:6230060 **Location:**2001-Faucet **Result(ppb):**60.8
Client No.:HS-SL3-2001

Lab No.:6230061 **Location:**2001-Faucet **Result(ppb):**108
Client No.:HS-SL4-2001

Lab No.:6230062 **Location:**2001-Faucet **Result(ppb):**67.5
Client No.:HS-SL5-2001


Lab No.:6230063 **Location:**2001-Faucet **Result(ppb):**59.0
Client No.:HS-SL6-2001

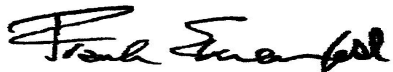
Lab No.:6230064 **Location:**2001-Faucet **Result(ppb):**113
Client No.:HS-SL7-2001

Lab No.:6230065 **Location:**2001-Faucet **Result(ppb):**65.0
Client No.:HS-SL8-2001

Lab No.:6230066 **Location:**2001-Faucet **Result(ppb):**108
Client No.:HS-SL9-2001

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

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Analyst: Mark Stewart

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

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Lab No.:6230067 **Location:**2001-Faucet **Result(ppb):**71.0
Client No.:HS-SL10-2001

Lab No.:6230068 **Location:**2001-Faucet **Result(ppb):**74.0
Client No.:HS-SL11-2001

Lab No.:6230069 **Location:**2001-Faucet **Result(ppb):**52.0
Client No.:HS-SL12-2001

Lab No.:6230070 **Location:**2001-Faucet **Result(ppb):**83.4
Client No.:HS-SL13-2001

Lab No.:6230071 **Location:**2003-Faucet **Result(ppb):**15.5
Client No.:HS-SL1-2003

Lab No.:6230072 **Location:**2003-Faucet **Result(ppb):**144
Client No.:HS-SL2-2003

Lab No.:6230073 **Location:**2003-Faucet **Result(ppb):**190
Client No.:HS-SL3-2003

Lab No.:6230074 **Location:**2003-Faucet **Result(ppb):**87.4
Client No.:HS-SL4-2003

Lab No.:6230075 **Location:**2003-Faucet **Result(ppb):**181
Client No.:HS-SL5-2003

Lab No.:6230076 **Location:**2003-Faucet **Result(ppb):**111
Client No.:HS-SL6-2003

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Lab No.:6230077 **Location:**2003-Faucet **Result(ppb):**113
Client No.:HS-SL7-2003

Lab No.:6230078 **Location:**2003-Faucet **Result(ppb):**44.4
Client No.:HS-SL8-2003

Lab No.:6230079 **Location:**2003-Faucet **Result(ppb):**44.3
Client No.:HS-SL9-2003

Lab No.:6230080 **Location:**2003-Faucet **Result(ppb):**38.0
Client No.:HS-SL10-2003

Lab No.:6230081 **Location:**2003-Faucet **Result(ppb):**108
Client No.:HS-SL11-2003

Lab No.:6230082 **Location:**2003-Faucet **Result(ppb):**73.0
Client No.:HS-SL12-2003

Lab No.:6230083 **Location:**2003-Faucet **Result(ppb):**107
Client No.:HS-SL13-2003

Lab No.:6230084 **Location:**2002-Faucet **Result(ppb):**<2.00
Client No.:HS-SL1-2002

Lab No.:6230085 **Location:**2004-Faucet **Result(ppb):**<2.00
Client No.:HS-SL1-2004

Lab No.:6230086 **Location:**2004-Faucet **Result(ppb):**324
Client No.:HS-SL2-2004

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Lab No.:6230087 **Location:**2004-Faucet **Result(ppb):**1130
Client No.:HS-SL3-2004

Lab No.:6230088 **Location:**2005-Faucet **Result(ppb):**384
Client No.:HS-SL1-2005

Lab No.:6230089 **Location:**2005-Faucet **Result(ppb):**172
Client No.:HS-SL2-2005

Lab No.:6230090 **Location:**2005-Faucet **Result(ppb):**123
Client No.:HS-SL3-2005

Lab No.:6230091 **Location:**2005-Faucet **Result(ppb):**46.4
Client No.:HS-SL4-2005

Lab No.:6230092 **Location:**2005-Faucet **Result(ppb):**159
Client No.:HS-SL5-2005

Lab No.:6230093 **Location:**2005-Faucet **Result(ppb):**62.0
Client No.:HS-SL6-2005

Lab No.:6230094 **Location:**2005-Faucet **Result(ppb):**65.0
Client No.:HS-SL7-2005

Lab No.:6230095 **Location:**2005-Faucet **Result(ppb):**19.6
Client No.:HS-SL8-2005

Lab No.:6230096 **Location:**2005-Faucet **Result(ppb):**86.7
Client No.:HS-SL9-2005

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Lab No.:6230097 **Location:**2005-Faucet **Result(ppb):**74.0
Client No.:HS-SL10-2005

Lab No.:6230098 **Location:**2005-Faucet **Result(ppb):**126
Client No.:HS-SL11-2005

Lab No.:6230099 **Location:**2005-Faucet **Result(ppb):**63.5
Client No.:HS-SL12-2005

Lab No.:6230100 **Location:**2005-Faucet **Result(ppb):**67.5
Client No.:HS-SL13-2005

Lab No.:6230101 **Location:**2007-Faucet **Result(ppb):**78.5
Client No.:HS-SL1-2007

Lab No.:6230102 **Location:**2007-Faucet **Result(ppb):**60.0
Client No.:HS-SL2-2007

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6230103
Client No.:HS-SL3-2007

Location:2007-Faucet


Result(ppb):1150


Lab No.:6230104
Client No.:HS-SL4-2007

Location:2007-Faucet

Result(ppb):340

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Lab No.:6230105
Client No.:HS-SL5-2007

Location:2007-Faucet

Result(ppb):95.4

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Lab No.:6230106
Client No.:HS-SL6-2007

Location:2007-Faucet


Result(ppb):300


Lab No.:6230107
Client No.:HS-SL7-2007

Location:2007-Faucet

Result(ppb):390

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Lab No.:6230108 **Location:**2007-Faucet **Result(ppb):**45.6
Client No.:HS-SL8-2007

Lab No.:6230109 **Location:**2007-Faucet **Result(ppb):**37.5
Client No.:HS-SL9-2007

Lab No.:6230110 **Location:**2007-Faucet **Result(ppb):**48.8
Client No.:HS-SL10-2007

Lab No.:6230111 **Location:**2007-Faucet **Result(ppb):**16.9
Client No.:HS-SL11-2007

Lab No.:6230112 **Location:**2007-Faucet **Result(ppb):**37.8
Client No.:HS-SL12-2007

Lab No.:6230113 **Location:**2007-Faucet **Result(ppb):**154
Client No.:HS-SL13-2007


Lab No.:6230114 **Location:**2008-Faucet **Result(ppb):**4.80
Client No.:HS-SL1-2008

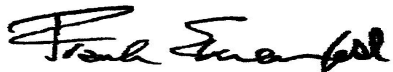
Lab No.:6230115 **Location:**2008-Faucet **Result(ppb):**282
Client No.:HS-SL2-2008

Lab No.:6230116 **Location:**2008-Faucet **Result(ppb):**168
Client No.:HS-SL3-2008

Lab No.:6230117 **Location:**2009-Faucet **Result(ppb):**41.6
Client No.:HS-SL1-2009

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Lab No.:6230118 **Location:**2009-Faucet **Result(ppb):**500
Client No.:HS-SL2-2009

Lab No.:6230119 **Location:**2009-Faucet **Result(ppb):**284
Client No.:HS-SL3-2009

Lab No.:6230120 **Location:**2009-Faucet **Result(ppb):**100
Client No.:HS-SL4-2009

Lab No.:6230121 **Location:**2009-Faucet **Result(ppb):**276
Client No.:HS-SL5-2009

Lab No.:6230122 **Location:**2009-Faucet **Result(ppb):**72.7
Client No.:HS-SL6-2009

Lab No.:6230123 **Location:**2009-Faucet **Result(ppb):**121
Client No.:HS-SL7-2009

Lab No.:6230124 **Location:**2009-Faucet **Result(ppb):**480
Client No.:HS-SL8-2009

Lab No.:6230125 **Location:**2009-Faucet **Result(ppb):**800
Client No.:HS-SL9-2009

Lab No.:6230126 **Location:**2009-Faucet **Result(ppb):**168
Client No.:HS-SL10-2009

Lab No.:6230127 **Location:**2009-Faucet **Result(ppb):**80.0
Client No.:HS-SL11-2009

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Lab No.: 6230128 Client No.: HS-SL12-2009	Location: 2009-Faucet	Result(ppb): 42.6
Lab No.: 6230129 Client No.: HS-SL13-2009	Location: 2009-Faucet	Result(ppb): 2520
Lab No.: 6230130 Client No.: HS-SK-2028	Location: 2028	Result(ppb): <2.00
Lab No.: 6230131 Client No.: Blank	Location: Blank	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.

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.