

## CERTIFICATE OF ANALYSIS

**Client:** Coastal Environmental  
721 Flittertown Rd  
Hammonton NJ 08037

**Report Date:** 5/3/2017  
**Report No.:** 534970 - Lead Water  
**Project:** Brigantine Middle School; Confirmation 1  
**Project No.:**

**Client:** COA212

### LEAD WATER SAMPLE ANALYSIS SUMMARY

**Lab No.:**6215646                      **Location:**Kitchen Braiser-Non Flushed                      **Result(ppb):**43.4  
**Client No.:**1-BM-Kitchen-FP

**Lab No.:**6215647                      **Location:**Kitchen Braiser-Flushed                      **Result(ppb):**<2.00  
**Client No.:**2-BM-Kitchen FP

**Lab No.:**6215648                      **Location:**WC Near A8 Hall (R)-Non Flushed                      **Result(ppb):**29.0  
**Client No.:**3-BM-HallA8R-WC

**Lab No.:**6215649                      **Location:**WC Near A8 Hall (R)-Flushed                      **Result(ppb):**5.80  
**Client No.:**4-BM-HallA8R-WC

**Lab No.:**6215650                      **Location:**Rm C12 Sink-Non Flushed                      **Result(ppb):**31.5  
**Client No.:**5-BM-C12-DW

**Lab No.:**6215651                      **Location:**Rm C12 Sink-Flushed                      **Result(ppb):**2.00  
**Client No.:**6-BM-C12-DW

**Lab No.:**6215652                      **Location:**Rm C25 Sink-Non Flushed                      **Result(ppb):**32.0  
**Client No.:**7-BM-C25-DW

**Lab No.:**6215653                      **Location:**Rm C25 Sink-Flushed                      **Result(ppb):**2.50  
**Client No.:**8-BM-C25-DW

**Lab No.:**6215654                      **Location:**Rm D11 Sink-Non Flushed                      **Result(ppb):**21.2  
**Client No.:**9-BM-D11-DW

**Lab No.:**6215655                      **Location:**Rm D11 Sink-Flushed                      **Result(ppb):**2.10  
**Client No.:**10-BM-D11-DW

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

**Date Received:** 4/19/2017

**Date Analyzed:** 05/03/2017

**Signature:** 

**Analyst:** Chad Shaffer

**Approved By:** 

Frank E. Ehrenfeld, III  
Laboratory Director

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### LEAD WATER SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b> 6215656 <b>Client No.:</b> 11-BM-D7-DW	<b>Location:</b> Rm D7 Sink-Non Flushed	<b>Result(ppb):</b> 19.4
<b>Lab No.:</b> 6215657 <b>Client No.:</b> 12-BM-D7-DW	<b>Location:</b> Rm D7 Sink-Flushed	<b>Result(ppb):</b> 4.70
<b>Lab No.:</b> 6215658 <b>Client No.:</b> 13-BM-D8-DW	<b>Location:</b> Rm D8 Sink-Non Flushed	<b>Result(ppb):</b> 39.2
<b>Lab No.:</b> 6215659 <b>Client No.:</b> 14-BM-D8-DW	<b>Location:</b> Rm D8 Sink-Flushed	<b>Result(ppb):</b> <2.00
<b>Lab No.:</b> 6215660 <b>Client No.:</b> 15-BM-D10-DW	<b>Location:</b> Rm D10 Sink-Non Flushed	<b>Result(ppb):</b> 26.8
<b>Lab No.:</b> 6215661 <b>Client No.:</b> 16-BM-D10-DW	<b>Location:</b> Rm D10 Sink-Flushed	<b>Result(ppb):</b> <2.00
<b>Lab No.:</b> 6215662 <b>Client No.:</b> 17-BM-D14-DW	<b>Location:</b> Rm D14 Sink-Non Flushed	<b>Result(ppb):</b> 12.6
<b>Lab No.:</b> 6215663 <b>Client No.:</b> 18-BM-D14-DW	<b>Location:</b> Rm D14 Sink-Flushed	<b>Result(ppb):</b> 2.10
<b>Lab No.:</b> 6215664 <b>Client No.:</b> 19-BM-E8-DW	<b>Location:</b> Rm E8 Sink-Non Flushed	<b>Result(ppb):</b> 2.50
<b>Lab No.:</b> 6215665 <b>Client No.:</b> 20-BM-E8-DW	<b>Location:</b> Rm E8 Sink-Flushed	<b>Result(ppb):</b> 6.50

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

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### Appendix to Analytical Report:

**Customer Contact:** Cathy Ledden  
**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

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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).

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