

CERTIFICATE OF ANALYSIS

Client: Coastal Environmental
721 Flittertown Rd
Hammonton NJ 08037


Report Date: 4/6/2017
Report No.: 533410 - Lead Water
Project: Brigantine Schools District; Brigantine North Middle School
Project No.:


Client: COA212

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6192454 Client No.: 1-BM-Kitchen-POE/POU	Location: Kitchen	Result(ppb): 2.00
Lab No.: 6192455 Client No.: 2-BM-Kitchen-FP	Location: Kitchen	Result(ppb): 11.7
Lab No.: 6192456 Client No.: 3-BM-Kitchen-FP	Location: Kitchen	Result(ppb): 57.0
Lab No.: 6192457 Client No.: 4-BM-Kitchen R-FP	Location: Kitchen (R)	Result(ppb): 6.90
Lab No.: 6192458 Client No.: 5-BM-Kitchen L-FP	Location: Kitchen (L)	Result(ppb): <2.00
Lab No.: 6192459 Client No.: 6-BM-B12-DW	Location: B-12	Result(ppb): 2.30
Lab No.: 6192460 Client No.: 7-BM-Foyer R-WC	Location: Foyer (R)	Result(ppb): <2.00
Lab No.: 6192461 Client No.: 8-BM-Foyer C-WC	Location: Foyer (C)	Result(ppb): <2.00
Lab No.: 6192462 Client No.: 9-BM-Foyer L-WC	Location: Foyer (L)	Result(ppb): <2.00
Lab No.: 6192463 Client No.: 10-BM-B5-WC	Location: B-5	Result(ppb): 3.10

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

Date Received: 4/3/2017
Date Analyzed: 04/05/2017
Signature: 
Analyst: Mark Stewart

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

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Lab No.:6192464 **Location:**Hall B5 (R) **Result(ppb):**<2.00
Client No.:11-BM-Hall B5R-WC

Lab No.:6192465 **Location:**Hall B5 (L) **Result(ppb):**<2.00
Client No.:12-BM-Hall B5L-WC

Lab No.:6192466 **Location:**B-19 Bath **Result(ppb):**<2.00
Client No.:13-BM-B19-DW

Lab No.:6192467 **Location:**BA Office **Result(ppb):**<2.00
Client No.:14-BM-BA-DW

Lab No.:6192468 **Location:**B-21 **Result(ppb):**5.60
Client No.:15-BM-B21-DW

Lab No.:6192469 **Location:**B-22 **Result(ppb):**<2.00
Client No.:16-BM-B22-DW


Lab No.:6192470 **Location:**Superintendent's Office **Result(ppb):**9.20
Client No.:17-BM-Super-DW


Lab No.:6192471 **Location:**A-7 (L) **Result(ppb):**5.30
Client No.:18-BM-A7L-DW

Lab No.:6192472 **Location:**A-7 (R) **Result(ppb):**5.90
Client No.:20-BM-A7R-DW

Lab No.:6192473 **Location:**Hall A8 (R) **Result(ppb):**48.4
Client No.:21-BM-A8R-WC

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Lab No.:6192474 **Location:**A-2 Gym **Result(ppb):**<2.00
Client No.:23-BM-A2-DW

Lab No.:6192475 **Location:**A-3 Gym **Result(ppb):**<2.00
Client No.:24-BM-A3-DW

Lab No.:6192476 **Location:**Hall C-4 **Result(ppb):**<2.00
Client No.:25-BM-HallC4-WC

Lab No.:6192477 **Location:**Hall C-12 **Result(ppb):**<2.00
Client No.:26-BM-Hall12-WC

Lab No.:6192478 **Location:**C-12 **Result(ppb):**36.0
Client No.:27-BM-C12-DW

Lab No.:6192479 **Location:**Hall C-20 **Result(ppb):**2.50
Client No.:28-BM-HallC20-WC


Lab No.:6192480 **Location:**C-15 **Result(ppb):**11.3
Client No.:29-BM-C15-DW


Lab No.:6192481 **Location:**C-25 **Result(ppb):**41.5
Client No.:30-BM-C25-DW

Lab No.:6192482 **Location:**Hall C-27 **Result(ppb):**2.50
Client No.:31-BM-BM-HallC27-WC

Lab No.:6192483 **Location:**Main Office **Result(ppb):**<2.00
Client No.:32-BM-MO-DW

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6192484 **Location:**Principal's Office **Result(ppb):**<2.00
Client No.:33-BM-Prin-DW

Lab No.:6192485 **Location:**Nurse B-27 **Result(ppb):**<2.00
Client No.:34-BM-B27-NS

Lab No.:6192486 **Location:**D-4 **Result(ppb):**11.3
Client No.:35-BM-D4-DW

Lab No.:6192487 **Location:**Hall Near Admissions (R) **Result(ppb):**3.00
Client No.:36-BM-HallAdmR-WC

Lab No.:6192488 **Location:**Hall Near Admissions (C) **Result(ppb):**5.50
Client No.:37-BM-HallAdmC-WC

Lab No.:6192489 **Location:**Hall Near Admissions (L) **Result(ppb):**<2.00
Client No.:38-BM-HallAdminL-WC


Lab No.:6192490 **Location:**D-12 **Result(ppb):**9.70
Client No.:39-BM-D12-DW


Lab No.:6192491 **Location:**D-11 **Result(ppb):**24.0
Client No.:40-BM-D11-DW

Lab No.:6192492 **Location:**D-6 **Result(ppb):**5.80
Client No.:41-BM-D6-DW

Lab No.:6192493 **Location:**D-7 **Result(ppb):**31.7
Client No.:42-BM-D7-DW

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6192494 Client No.: 43-BM-D8-DW	Location: D-8	Result(ppb): 20.4
Lab No.: 6192495 Client No.: 44-BM-D10-DW	Location: D-10	Result(ppb): 15.4
Lab No.: 6192496 Client No.: 45-BM-D9-DW	Location: D-9	Result(ppb): 9.50
Lab No.: 6192497 Client No.: 46-BM-D14-DW	Location: D-14	Result(ppb): 15.2
Lab No.: 6192498 Client No.: 47-BM-HallB27L-WC	Location: Hall B-27 (L)	Result(ppb): <2.00
Lab No.: 6192499 Client No.: 48-BM-HallB27R-WC	Location: Hall B-27 (R)	Result(ppb): <2.00
Lab No.: 6192500 Client No.: 49-BM-E1-DW	Location: E-1	Result(ppb): 4.90
Lab No.: 6192501 Client No.: 50-BM-E2-DW	Location: E-2	Result(ppb): 7.60
Lab No.: 6192502 Client No.: 51-BM-E3-DW	Location: E-3	Result(ppb): 7.10
Lab No.: 6192503 Client No.: 52-BM-HallE3-DW	Location: Hall E-3	Result(ppb): <2.00

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LEAD WATER SAMPLE ANALYSIS SUMMARY


Lab No.:6192504 **Location:**E-4 **Result(ppb):**9.90
Client No.:53-BM-E4-DW


Lab No.:6192505 **Location:**E-5 **Result(ppb):**4.80
Client No.:54-BM-E5-DW

Lab No.:6192506 **Location:**E-6 **Result(ppb):**2.10
Client No.:55-BM-E6-DW

Lab No.:6192507 **Location:**E-7 **Result(ppb):**2.70
Client No.:56-BM-E7-DW

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Lab No.:6192508 **Location:**E-8 **Result(ppb):**17.6
Client No.:57-BM-E8-DW


Lab No.:6192509 **Location:**E-9 **Result(ppb):**2.90
Client No.:58-BM-E9-DW

Lab No.:6192510 **Location:**E-10 **Result(ppb):**4.30
Client No.:59-BM-E10-WC

Lab No.:6192511 **Location:**Blank **Result(ppb):**<2.00
Client No.:MS-Blank

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Date Received: 4/3/2017
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Signature: 
Analyst: Chad Shaffer

Approved By: 
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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

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.