



BRIGANTINE PUBLIC SCHOOLS

Passion for Teaching. Passion for Learning.

Home of the Buccaneers

Brian M. Pruitt
Superintendent

301 East Evans Blvd.
Brigantine, NJ 08203

(P) 609.266.7671
(F) 609.266.4748

www.brigantineschools.org

May 19, 2017

Dear Brigantine School Community,

As you are aware from earlier correspondence, our school system conducted testing of the school district's water for lead to protect our community and be in compliance with the Department of Education regulations. The results of these tests were sent home and are also available on the District's website.

As a follow-up to those initial results, we completed a second round of required testing on those water outlets that were initially identified as higher than the 15 µg/l (parts per billion [ppb]) recommendation level provided by the NJ DOE and NJ DEP regulations. In the second round, non-flushed and flushed samples were taken. The first sample was taken once the source was "turned on" (Non-Flushed) and a second sample was taken after allowing the water to run for thirty seconds (Flushed). The results of these tests are detailed below.

Brigantine Elementary School

Thirty-six samples were taken at eighteen locations – the first was non-flushed and the second was flushed. All but four of the results tested below the 15ppb benchmark. This indicates that the elevated reading is coming from the immediate area of the faucet/outlet – lead was often used in plumbing materials until it was banned in 1986. Those outlets can and will be replaced. The water will remain shut off to these locations until the faucets are replaced and testing is completed to confirm the correction of the issue.

The four that tested with the elevated levels remain shut off as well. Those locations are listed below and signage is posted stating "DO NOT DRINK – SAFE FOR HANDWASHING ONLY". We are working with our facilities department and NJ DOE to determine our course of action for these outlets.

	LOCATION	Flushed Draw RESULT IN µg/l (ppb)	REMEDIAL ACTION
1	Room 245 ID# 41-BE-245-DW	19.2 ppb	Disconnected outlet and discontinued use. "DO NOT DRINK – SAFE FOR HANDWASHING ONLY" sign will be posted
2	Room 220 ID# 60-BE-220-DW	17.5 ppb	
3	Room 224 – Left ID# 66-BE-224L-DW	21.0 ppb	
4	Room 224 – Right ID# 68-BE-224R-DW	28.8 ppb	

Brigantine North Middle School

Twenty samples were taken at ten locations – the first was non-flushed and the second was flushed. All Brigantine North Middle School (10 locations) outlets tested below the 15ppb benchmark when flushed. This indicates that the elevated reading is coming from the immediate area of the faucet/outlet – lead was often used in plumbing materials until it was banned in 1986. Since the initial results were elevated, those outlets can and will be replaced. The water will remain shut off to these locations until the faucets are replaced and testing is completed to confirm the correction of the issue.

Our school system is committed to protecting student, teacher, and staff health. We will continue our efforts to protect our community and remain in compliance with the Department of Education.


For More Information

A copy of the test results is available in our central office for inspection by the public, including students, teachers, other school personnel, and parents, and can be viewed between the hours of 8:30 AM and 4:00 PM and are also available on our website at www.brigantineschools.org. For more information about water quality in our schools, contact the Business Administrator's Office at 609.266.3632.

For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at www.epa.gov/lead, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

If you are concerned about lead exposure at this facility or in your home, you may want to ask your health care providers about testing children to determine levels of lead in their blood.

Sincerely,

A handwritten signature in black ink, appearing to read "Brian M. Pruitt". The signature is fluid and somewhat abstract, with several loops and a long tail extending to the right.

Brian M. Pruitt
Superintendent of Schools

CERTIFICATE OF ANALYSIS

Client: Coastal Environmental
721 Flittertown Rd
Hammonton NJ 08037

Client: COA212

Report Date: 5/8/2017
Report No.: 534968 - Lead Water
Project: Brigantine Elem C1; Confirmation 1
Project No.:

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6215449 **Location:** Rm 137-Non Flushed **Result(ppb):** 27.2
Client No.: 1-BE-137R-DW

Lab No.: 6215450 **Location:** Rm 137-Flushed **Result(ppb):** 3.00
Client No.: 2-BE-137R-DW

Lab No.: 6215451 **Location:** Nurse Exam Rm-Non Flushed **Result(ppb):** 95.4
Client No.: 3-BE-NURSEEXAM-WS

Lab No.: 6215452 **Location:** Nurse Exam Rm-Flushed **Result(ppb):** 11.0
Client No.: 4-BE-NURSEEXAM-NS

Lab No.: 6215453 **Location:** Mo Rm 131-Non Flushed **Result(ppb):** 121
Client No.: 5-BE-131MO-DW

Lab No.: 6215454 **Location:** Mo Rm 131-Flushed **Result(ppb):** 4.60
Client No.: 6-BE-131MO-DW

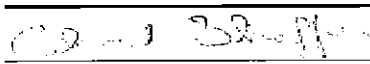
Lab No.: 6215455 **Location:** Rm 115-Non Flushed **Result(ppb):** 12.6
Client No.: 7-BE-115-DW


Lab No.: 6215456 **Location:** Rm 115-Flushed **Result(ppb):** <2.00
Client No.: 8-BE-115-DW

Lab No.: 6215457 **Location:** Rm 119-Non Flushed **Result(ppb):** 17.4
Client No.: 9-BE-119-DW

Lab No.: 6215458 **Location:** Rm 119-Flushed **Result(ppb):** <2.00
Client No.: 10-BE-119-DW

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

Date Received: 4/19/2017
Date Analyzed: 05/05/2017
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Coastal Environmental
721 Flittertown Rd
Hammonton NJ 08037

Report Date: 5/8/2017
Report No.: 534968 - Lead Water
Project: Brigantine Elem C1; Confirmation 1
Project No.:

Client: COA212

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6215459 **Location:** Teach Lg 121-Non Flushed **Result(ppb):** 73.0
Client No.: 11-BE-121-TL

Lab No.: 6215460 **Location:** Teach Lg 121-Flushed **Result(ppb):** 2.30
Client No.: 12-BE-121-TL

Lab No.: 6215461 **Location:** Rm 245-Non Flushed **Result(ppb):** 111
Client No.: 13-BE-245-DW

Lab No.: 6215462 **Location:** Rm 245-Flushed **Result(ppb):** 19.2
Client No.: 14-BE-245-DW

Lab No.: 6215463 **Location:** Rm 234-Non Flushed **Result(ppb):** 39.2
Client No.: 15-BE-234-DW

Lab No.: 6215464 **Location:** Rm 234-Flushed **Result(ppb):** <2.00
Client No.: 16-BE-234-DW

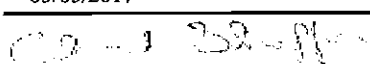
Lab No.: 6215465 **Location:** Rm 214-Non Flushed **Result(ppb):** 14.9
Client No.: 17-BE-214-DW


Lab No.: 6215466 **Location:** Rm 214-Flushed **Result(ppb):** 3.20
Client No.: 18-BE-214-DW

Lab No.: 6215467 **Location:** Rm 219-Non Flushed **Result(ppb):** 36.9
Client No.: 19-BE-219-DW

Lab No.: 6215468 **Location:** Rm 219-Flushed **Result(ppb):** <2.00
Client No.: 20-BE-219-DW

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

Date Received: 4/19/2017
Date Analyzed: 05/05/2017
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Coastal Environmental
721 Flittertown Rd
Hammonton NJ 08037

Report Date: 5/8/2017
Report No.: 534968 - Lead Water
Project: Brigantine Elem C1; Confirmation 1
Project No.:

Client: COA212

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6215469 **Location:** Rm 220-Non Flushed **Result(ppb):** 27.8
Client No.: 21-BE-220-DW

Lab No.: 6215470 **Location:** Rm 220-Flushed **Result(ppb):** 17.5
Client No.: 22-BE-220-DW

Lab No.: 6215471 **Location:** Rm 223-Non Flushed **Result(ppb):** 1140
Client No.: 23-BE-223-DW

Lab No.: 6215472 **Location:** Rm 223-Flushed **Result(ppb):** 7.40
Client No.: 24-BE-223-DW

Lab No.: 6215473 **Location:** Rm 224L-Non Flushed **Result(ppb):** 44.9
Client No.: 25-BE-224L-DW

Lab No.: 6215474 **Location:** Rm 224L-Flushed **Result(ppb):** 21.0
Client No.: 26-BE-224L-DW

Lab No.: 6215475 **Location:** Rm 224C-Non Flushed **Result(ppb):** 30.0
Client No.: 27-BE-224C-DW

Lab No.: 6215476 **Location:** Rm 224C-Flushed **Result(ppb):** 8.50
Client No.: 28-BE-224C-DW

Lab No.: 6215477 **Location:** Rm 224R-Non Flushed **Result(ppb):** 89.4
Client No.: 29-BE-224R-DW

Lab No.: 6215478 **Location:** Rm 224R-Flushed **Result(ppb):** 28.8
Client No.: 30-BE-224R-DW


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

Date Received: 4/19/2017

Date Analyzed: 05/06/2017

Signature: 

Analyst: Chad Shaffer

Approved By: 

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Coastal Environmental
721 Flittertown Rd
Hammonton NJ 08037

Report Date: 5/8/2017
Report No.: 534968 - Lead Water
Project: Brigantine Elem C1; Confirmation 1
Project No.:

Client: COA212

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6215479 **Location:** Rm 224T-Non Flushed **Result(ppb):** 19.4
Client No.: 31-BE-224T-DW

Lab No.: 6215480 **Location:** Rm 224T-Flushed **Result(ppb):** <2.00
Client No.: 32-BE-224T-DW

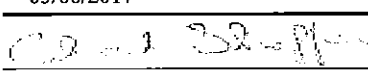
Lab No.: 6215481 **Location:** Rm 225-Non Flushed **Result(ppb):** 32.6
Client No.: 33-BE-225-DW

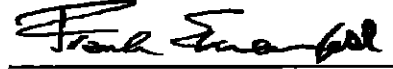
Lab No.: 6215482 **Location:** Rm 225-Flushed **Result(ppb):** <2.00
Client No.: 34-BE-225-DW

Lab No.: 6215483 **Location:** Rm 226-Non Flushed **Result(ppb):** 27.2
Client No.: 35-BE-226-DW

Lab No.: 6215484 **Location:** Rm 226-Flushed **Result(ppb):** 2.20
Client No.: 36-BE-226-DW

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

Date Received: 4/19/2017
Date Analyzed: 05/06/2017
Signature: 
Analyst: Chad Shaffer

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Coastal Environmental
721 Flittertown Rd
Hammonton NJ 08037

Client: COA212

Report Date: 5/8/2017
Report No.: 534968 - Lead Water
Project: Brigantine Elem C1; Confirmation 1
Project No.:

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.

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.