

CERTIFICATE OF ANALYSIS

Client: Coastal Environmental
721 Flittertown Rd
Hammonton NJ 08037

Report Date: 4/10/2017
Report No.: 533411 - Lead Water
Project: Brigantine Schools; Brigantine Elementary
Project No.:

Client: COA212

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6192380 **Location:**Boiler Rm **Result(ppb):**6.20
Client No.:1-BE-POE-DW

Lab No.:6192381 **Location:**162 Maint. Rm **Result(ppb):**2.30
Client No.:2-BE-162-DW

Lab No.:6192382 **Location:**146 Kitchen **Result(ppb):**<2.00
Client No.:3-BE-146-FP

Lab No.:6192383 **Location:**Gym Hall (L) **Result(ppb):**<2.00
Client No.:4-BE-Gym L-WC

Lab No.:6192384 **Location:**Gym Hall (R) **Result(ppb):**<2.00
Client No.:5-BE-Gym R-WC

Lab No.:6192385 **Location:**142 **Result(ppb):**<2.00
Client No.:6-BE-142-DW

Lab No.:6192386 **Location:**137 (R) **Result(ppb):**21.4
Client No.:7-BE-137-DW

Lab No.:6192387 **Location:**Hall 145 (R) **Result(ppb):**<2.00
Client No.:8-BE-Hall145R-WC

Lab No.:6192388 **Location:**Hall 145 (L) **Result(ppb):**<2.00
Client No.:9-BE-Hall145L-WC

Lab No.:6192389 **Location:**Nurse 134 Exam **Result(ppb):**105
Client No.:10-BE-134-NS

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

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Date Analyzed: 04/10/2017

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Analyst: Mark Stewart

Approved By: 

Frank E. Ehrenfeld, III
Laboratory Director

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Lab No.: 6192390 Client No.: 11-BE-134L-NS	Location: Nurse 134 (L)	Result(ppb): 5.20
Lab No.: 6192391 Client No.: 12-BE-134R-NS	Location: Nurse 134 (R)	Result(ppb): 9.50
Lab No.: 6192392 Client No.: 13-BE-PRIN-DW	Location: Principal's Office	Result(ppb): 2.70
Lab No.: 6192393 Client No.: 14-BE-131-DW	Location: 131 M.O.W Rm	Result(ppb): 36.3
Lab No.: 6192394 Client No.: 15-BE-101-DW	Location: 101	Result(ppb): <2.00
Lab No.: 6192395 Client No.: 16-BE-102-DW	Location: 102	Result(ppb): <2.00
Lab No.: 6192396 Client No.: 17-BE-103-DW	Location: 103	Result(ppb): <2.00
Lab No.: 6192397 Client No.: 18-BE-104-DW	Location: 104	Result(ppb): 2.70
Lab No.: 6192398 Client No.: 19-BE-105-DW	Location: 105	Result(ppb): <2.00
Lab No.: 6192399 Client No.: 20-BE-106-DW	Location: 106	Result(ppb): 2.00

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6192400 **Location:**107 **Result(ppb):**<2.00
Client No.:21-BE-107-DW

Lab No.:6192401 **Location:**Hall 110 (R) **Result(ppb):**<2.00
Client No.:22-BE-110R-WC

Lab No.:6192402 **Location:**Hall 110 (L) **Result(ppb):**<2.00
Client No.:23-BE-110L-WC

Lab No.:6192403 **Location:**127 CSTW Rm **Result(ppb):**9.20
Client No.:24-BE-127-DW

Lab No.:6192404 **Location:**112 **Result(ppb):**4.00
Client No.:25-BE-112-DW

Lab No.:6192405 **Location:**129 **Result(ppb):**5.60
Client No.:26-BE-129-DW

Lab No.:6192406 **Location:**113 **Result(ppb):**4.80
Client No.:27-BE-113-DW

Lab No.:6192407 **Location:**114 **Result(ppb):**6.60
Client No.:28-BE-114-DW

Lab No.:6192408 **Location:**115 **Result(ppb):**14.6
Client No.:29-BE-115-DW

Lab No.:6192409 **Location:**116 **Result(ppb):**13.3
Client No.:30-BE-116-DW

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6192410 Client No.: 31-BE-117-DW	Location: 117	Result(ppb): 9.30
Lab No.: 6192411 Client No.: 32-BE-118-DW	Location: 118	Result(ppb): 7.20
Lab No.: 6192412 Client No.: 33-BE-119-DW	Location: 119	Result(ppb): 16.8
Lab No.: 6192413 Client No.: 34-BE-119L-WC	Location: Hall 119 (L)	Result(ppb): <2.00
Lab No.: 6192414 Client No.: 35-BE-119R-WC	Location: Hall 119 (R)	Result(ppb): <2.00
Lab No.: 6192415 Client No.: 36-BE-120-TL	Location: 120 Teach Lg.	Result(ppb): 5.20
Lab No.: 6192416 Client No.: 37-BE-121-TL	Location: 121 Teach Lg.	Result(ppb): 27.2
Lab No.: 6192417 Client No.: 38-BE-Hall241L-WC	Location: Hall 241 (L)	Result(ppb): <2.00
Lab No.: 6192418 Client No.: 39-BE-Hall241R-WC	Location: Hall 241 (R)	Result(ppb): <2.00
Lab No.: 6192419 Client No.: 40-BE-244-DW	Location: 244	Result(ppb): 10.5

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6192420 Client No.: 41-BE-245-DW	Location: 245	Result(ppb): 54.4
Lab No.: 6192421 Client No.: 42-BE-247-DW	Location: 247	Result(ppb): 2.00
Lab No.: 6192422 Client No.: 43-BE-248-DW	Location: 248	Result(ppb): 2.50
Lab No.: 6192423 Client No.: 44-BE-234-DW	Location: 234	Result(ppb): 18.7
Lab No.: 6192424 Client No.: 45-BE-249-DW	Location: 249	Result(ppb): 3.00
Lab No.: 6192425 Client No.: 46-BE-250-DW	Location: 250	Result(ppb): <2.00
Lab No.: 6192426 Client No.: 47-BE-201-DW	Location: 201	Result(ppb): 11.6
Lab No.: 6192427 Client No.: 48-BE-214-DW	Location: 214	Result(ppb): 14.5
Lab No.: 6192428 Client No.: 49-BE-202-DW	Location: 202	Result(ppb): <2.00
Lab No.: 6192429 Client No.: 50-BE-203-DW	Location: 203	Result(ppb): 11.1

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.: 6192430 Client No.: 51-BE-208-DW	Location: 208	Result(ppb): <2.00
Lab No.: 6192431 Client No.: 52-BE-207-DW	Location: 207	Result(ppb): 3.90
Lab No.: 6192432 Client No.: 53-BE-209-DW	Location: 209	Result(ppb): 8.50
Lab No.: 6192433 Client No.: 54-BE-208-DW	Location: 208	Result(ppb): 3.00
Lab No.: 6192434 Client No.: 55-BE-216-DW	Location: 216	Result(ppb): 3.80
Lab No.: 6192435 Client No.: 56-BE-229-DW	Location: 229	Result(ppb): <2.00
Lab No.: 6192436 Client No.: 57-BE-217-DW	Location: 217	Result(ppb): 3.40
Lab No.: 6192437 Client No.: 58-BE-218-DW	Location: 218	Result(ppb): 4.70
Lab No.: 6192438 Client No.: 59-BE-219-DW	Location: 219	Result(ppb): 16.9
Lab No.: 6192439 Client No.: 60-BE-220-DW	Location: 220	Result(ppb): 14.5

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6192440 **Location:**221 **Result(ppb):**4.80
Client No.:61-BE-221-DW

Lab No.:6192441 **Location:**222 **Result(ppb):**3.60
Client No.:62-BE-222-DW

Lab No.:6192442 **Location:**223 **Result(ppb):**23.8
Client No.:63-BE-223-DW

Lab No.:6192443 **Location:**Hall 223 (L) **Result(ppb):**<2.00
Client No.:64-BE-Hall223L-WC

Lab No.:6192444 **Location:**Hall 223 (R) **Result(ppb):**<2.00
Client No.:65-BE-Hall223R-WC

Lab No.:6192445 **Location:**224 (L) **Result(ppb):**1330
Client No.:66-BE-224L-DW

Lab No.:6192446 **Location:**224 (C) **Result(ppb):**77.0
Client No.:67-BE-224C-DW

Lab No.:6192447 **Location:**224 (R) **Result(ppb):**21.4
Client No.:68-BE-224R-DW

Lab No.:6192448 **Location:**224 Teach **Result(ppb):**43.2
Client No.:69-BE-224Teach-DW

Lab No.:6192449 **Location:**225 **Result(ppb):**32.0
Client No.:70-BE-225-DW

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6192450

Location:226

Result(ppb):39.6

Client No.:71-BE-226-DW

Lab No.:6192451

Location:Hall 212 (R)

Result(ppb):<2.00

Client No.:72-BE-212R-WC

Lab No.:6192452

Location:Hall 212 (L)

Result(ppb):<2.00

Client No.:73-BE-212L-WC

Lab No.:6192453

Location:Blank

Result(ppb):<2.00

Client No.:ES Blank

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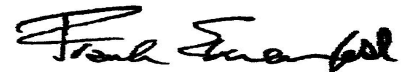
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Appendix to Analytical Report:

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.