

CERTIFICATE OF ANALYSIS

Client: Health & Safety Services, Inc  
PO Box 365  
Berlin NJ 08009

Report Date: 12/6/2019  
Report No.: 605515 - Lead Water  
Project: Belmont Charter/BCMS  
Project No.: 19-1126-10

Client: HEA198

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6929394                      Location:Kitchen Wash                      Result(ppb):<1.00  
Client No.:119                      \* Sample acidified to pH <2.

Lab No.:6929395                      Location:Ice Machine                      Result(ppb):<1.00  
Client No.:120                      \* Sample acidified to pH <2.

Lab No.:6929396                      Location:1st Floor-Behavior 101                      Result(ppb):3.90  
Client No.:121                      \* Sample acidified to pH <2.

Lab No.:6929397                      Location:1st Floor-Girl's RR                      Result(ppb):<1.00  
Client No.:122                      \* Sample acidified to pH <2.

Lab No.:6929398                      Location:1st Floor-Nurse Sink                      Result(ppb):2.30  
Client No.:123                      \* Sample acidified to pH <2.

Lab No.:6929399                      Location:1st Floor-Nurse Fountain                      Result(ppb):10.5  
Client No.:124                      \* Sample acidified to pH <2.


Lab No.:6929400                      Location:1st Floor-Girl's Fountain                      Result(ppb):1.10  
Client No.:125                      \* Sample acidified to pH <2.

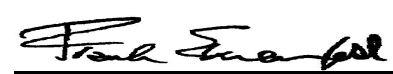
Lab No.:6929401                      Location:1st Floor-Boy's RR                      Result(ppb):1.80  
Client No.:126                      \* Sample acidified to pH <2.

Lab No.:6929402                      Location:1st Floor-Boy's Fountain                      Result(ppb):<1.00  
Client No.:127                      \* Sample acidified to pH <2.

Lab No.:6929403                      Location:2nd Floor-Boy's RR                      Result(ppb):1.10  
Client No.:128                      \* Sample acidified to pH <2.

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

Date Received: 12/3/2019  
Date Analyzed: 12/05/2019  
Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

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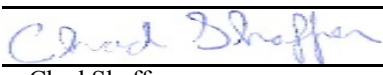
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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6929404 Client No.:129	Location:2nd Floor-Boy's Fountain * Sample acidified to pH <2.	Result(ppb):1.10
Lab No.:6929405 Client No.:130	Location:2nd Floor-Girl's RR * Sample acidified to pH <2.	Result(ppb):7.30
Lab No.:6929406 Client No.:131	Location:2nd Floor-Girl's Fountain * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6929407 Client No.:132	Location:2nd Floor-Room 200 * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6929408 Client No.:133	Location:2nd Floor-Room 204B * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6929409 Client No.:134	Location:3rd Floor-Room 300 * Sample acidified to pH <2.	Result(ppb):1.40
Lab No.:6929410 Client No.:135	Location:3rd Floor-Girl's RR * Sample acidified to pH <2.	Result(ppb):2.00
Lab No.:6929411 Client No.:136	Location:3rd Floor-Girl's Fountain * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6929412 Client No.:137	Location:3rd Floor-Room 304B * Sample acidified to pH <2.	Result(ppb):1.30
Lab No.:6929413 Client No.:138	Location:3rd Floor-Boy's RR * Sample acidified to pH <2.	Result(ppb):3.60

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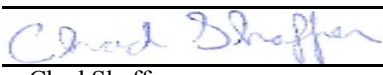
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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6929414 Client No.:139	Location:3rd Floor-Boy's Fountain * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6929415 Client No.:140	Location:1st Floor-Room 104 * Sample acidified to pH <2.	Result(ppb):1.00
Lab No.:6929416 Client No.:141	Location:BCMS 1st-Boy's RR * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6929417 Client No.:142	Location:BCMS 1st-Boy's Fountain * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6929418 Client No.:143	Location:BCMS 1st-Girl's RR * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6929419 Client No.:144	Location:BCMS 1st-Girl's Fountain * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6929420 Client No.:145	Location:BCMS 1st-Men's RR * Sample acidified to pH <2.	Result(ppb):1.30
Lab No.:6929421 Client No.:146	Location:BCMS 1st-Ladies RR * Sample acidified to pH <2.	Result(ppb):1.90
Lab No.:6929422 Client No.:147	Location:2nd-Boy's RR * Sample acidified to pH <2.	Result(ppb):2.90
Lab No.:6929423 Client No.:148	Location:2nd-Boy's Fountain * Sample acidified to pH <2.	Result(ppb):<1.00

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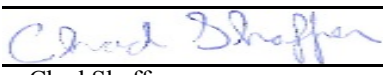
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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6929424 Client No.:149	Location:2nd-Girl's RR * Sample acidified to pH <2.	Result(ppb):3.60
Lab No.:6929425 Client No.:150	Location:2nd-Girl's Fountain * Sample acidified to pH <2.	Result(ppb):<1.00
Lab No.:6929426 Client No.:151	Location:2nd-Men's RR * Sample acidified to pH <2.	Result(ppb):1.20
Lab No.:6929427 Client No.:152	Location:2nd-Ladies RR * Sample acidified to pH <2.	Result(ppb):26.6
Lab No.:6929428 Client No.:153	Location:2nd-Girl's Locker * Sample acidified to pH <2.	Result(ppb):136
Lab No.:6929429 Client No.:154	Location:2nd-Hall Fountain * Sample acidified to pH <2.	Result(ppb):1.20

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LEAD WATER SAMPLE ANALYSIS SUMMARY

**Lab No.:**6929430                      **Location:**2nd-Kitchen Wash                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**155                      \* Sample acidified to pH <2.

**Lab No.:**6929431                      **Location:**2nd-Ice Machine                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**156                      \* Sample acidified to pH <2.

**Lab No.:**6929432                      **Location:**2nd-Girl's Locker                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**157                      \* Sample acidified to pH <2.

**Lab No.:**6929433                      **Location:**2nd-Hall Fountain                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**158                      \* Sample acidified to pH <2.

**Lab No.:**6929434                      **Location:**1st-Room 101                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**159                      \* Sample acidified to pH <2.

**Lab No.:**6929435                      **Location:**1st-Girl's RR                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**160                      \* Sample acidified to pH <2.

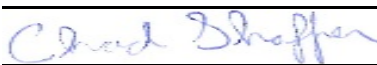
**Lab No.:**6929436                      **Location:**1st-Girl's Fountain                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**161                      \* Sample acidified to pH <2.


**Lab No.:**6929437                      **Location:**1st-Nurse Sink                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**162                      \* Sample acidified to pH <2.

**Lab No.:**6929438                      **Location:**1st-Nurse Fountain                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**163                      \* Sample acidified to pH <2.

**Lab No.:**6929439                      **Location:**1st-Boy's RR                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**164                      \* Sample acidified to pH <2.

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6929440                      Location:1st-Boy's Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:165                      \* Sample acidified to pH <2.

Lab No.:6929441                      Location:1st-Room 104                      Result(ppb):Sample Not Analyzed  
Client No.:166                      \* Sample acidified to pH <2.

Lab No.:6929442                      Location:2nd-Boy's RR                      Result(ppb):Sample Not Analyzed  
Client No.:167                      \* Sample acidified to pH <2.

Lab No.:6929443                      Location:2nd-Boy's Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:168                      \* Sample acidified to pH <2.

Lab No.:6929444                      Location:2nd-Room 200                      Result(ppb):Sample Not Analyzed  
Client No.:169                      \* Sample acidified to pH <2.

Lab No.:6929445                      Location:2nd-Room 204B                      Result(ppb):Sample Not Analyzed  
Client No.:170                      \* Sample acidified to pH <2.


Lab No.:6929446                      Location:2nd-Girl's RR                      Result(ppb):Sample Not Analyzed  
Client No.:171                      \* Sample acidified to pH <2.


Lab No.:6929447                      Location:2nd-Girl's Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:172                      \* Sample acidified to pH <2.

Lab No.:6929448                      Location:3rd-Room 300                      Result(ppb):Sample Not Analyzed  
Client No.:173                      \* Sample acidified to pH <2.

Lab No.:6929449                      Location:3rd-Girl's RR                      Result(ppb):Sample Not Analyzed  
Client No.:174                      \* Sample acidified to pH <2.

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6929450                      Location:3rd-Girl's Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:175                      \* Sample acidified to pH <2.

Lab No.:6929451                      Location:3rd-Room 304B                      Result(ppb):Sample Not Analyzed  
Client No.:176                      \* Sample acidified to pH <2.

Lab No.:6929452                      Location:3rd-Boy's RR                      Result(ppb):Sample Not Analyzed  
Client No.:177                      \* Sample acidified to pH <2.

Lab No.:6929453                      Location:3rd-Boy's Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:178                      \* Sample acidified to pH <2.

Lab No.:6929454                      Location:BCMS 1st-Boy's RR                      Result(ppb):Sample Not Analyzed  
Client No.:179                      \* Sample acidified to pH <2.

Lab No.:6929455                      Location:BCMS 1st-Boy's Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:180                      \* Sample acidified to pH <2.

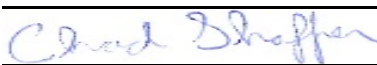
Lab No.:6929456                      Location:BCMS 1st-Girl's RR                      Result(ppb):Sample Not Analyzed  
Client No.:181                      \* Sample acidified to pH <2.


Lab No.:6929457                      Location:BCMS 1st-Girl's Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:182                      \* Sample acidified to pH <2.

Lab No.:6929458                      Location:BCMS 1st-Men's                      Result(ppb):Sample Not Analyzed  
Client No.:183                      \* Sample acidified to pH <2.

Lab No.:6929459                      Location:BCMS 1st-Ladies                      Result(ppb):Sample Not Analyzed  
Client No.:184                      \* Sample acidified to pH <2.

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LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6929460 Client No.:185	Location:2nd-Boy's RR * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:6929461 Client No.:186	Location:2nd-Boy's F * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:6929462 Client No.:187	Location:2nd-Girl's RR * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:6929463 Client No.:188	Location:2nd-Girl's F * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:6929464 Client No.:189	Location:2nd-Men's * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:6929465 Client No.:190	Location:2nd-Ladies * Sample acidified to pH <2.	Result(ppb):<1.00

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## Appendix to Analytical Report:

**Customer Contact:** Jim Proctor  
**Analysis:** AAS-GF - ASTM D3559-08D

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:** ?wchampion@iatl.com  
**iATL Account Representative:** Kelly Klippel  
**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](http://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

Certification:

- NYS-DOH No. 11021

- NJDEP No. 03863

### Note: These methods are analytically equivalent to iATL's accredited method;

- USEPA 40CFR 141.11B

- USEPA 200.9 Pb, AAS-GF, RL <2 ppb/sample

- USEPA SW 846-7421 - Pb(AAS-GF, RL <2 ppb/sample)

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) = 1.0 PPB

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**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).

Matrix spiking is performed on each client batch to determine if interferences could impact results. When spike recoveries fall out of acceptable range matrix interference is suspected and samples are diluted until acceptable spike recovery can be achieved. Reporting limits will increase by the same degree as the dilution required.

Note: Sample dilution required due to matrix interference.

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

\* ASTM D3559 (D) calls for the addition of acid at the time of sampling. Unless so noted on the chain of custody by the client iATL acidifies samples to a pH of <2 at least 24 hours prior to analysis.

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COPPER WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6929394                      Location:Kitchen Wash                      Result(ppb):369  
Client No.:119                      \* Sample acidified to pH <2.

Lab No.:6929395                      Location:Ice Machine                      Result(ppb):325  
Client No.:120                      \* Sample acidified to pH <2.

Lab No.:6929396                      Location:1st Floor-Behavior 101                      Result(ppb):266  
Client No.:121                      \* Sample acidified to pH <2.

Lab No.:6929397                      Location:1st Floor-Girl's RR                      Result(ppb):247  
Client No.:122                      \* Sample acidified to pH <2.

Lab No.:6929398                      Location:1st Floor-Nurse Sink                      Result(ppb):456  
Client No.:123                      \* Sample acidified to pH <2.

Lab No.:6929399                      Location:1st Floor-Nurse Fountain                      Result(ppb):679  
Client No.:124                      \* Sample acidified to pH <2.


Lab No.:6929400                      Location:1st Floor-Girl's Fountain                      Result(ppb):674  
Client No.:125                      \* Sample acidified to pH <2.


Lab No.:6929401                      Location:1st Floor-Boy's RR                      Result(ppb):306  
Client No.:126                      \* Sample acidified to pH <2.

Lab No.:6929402                      Location:1st Floor-Boy's Fountain                      Result(ppb):413  
Client No.:127                      \* Sample acidified to pH <2.

Lab No.:6929403                      Location:2nd Floor-Boy's RR                      Result(ppb):259  
Client No.:128                      \* Sample acidified to pH <2.

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COPPER WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6929404                      Location:2nd Floor-Boy's Fountain                      Result(ppb):460  
Client No.:129                      \* Sample acidified to pH <2.

Lab No.:6929405                      Location:2nd Floor-Girl's RR                      Result(ppb):340  
Client No.:130                      \* Sample acidified to pH <2.

Lab No.:6929406                      Location:2nd Floor-Girl's Fountain                      Result(ppb):571  
Client No.:131                      \* Sample acidified to pH <2.

Lab No.:6929407                      Location:2nd Floor-Room 200                      Result(ppb):115  
Client No.:132                      \* Sample acidified to pH <2.

Lab No.:6929408                      Location:2nd Floor-Room 204B                      Result(ppb):360  
Client No.:133                      \* Sample acidified to pH <2.

Lab No.:6929409                      Location:3rd Floor-Room 300                      Result(ppb):263  
Client No.:134                      \* Sample acidified to pH <2.


Lab No.:6929410                      Location:3rd Floor-Girl's RR                      Result(ppb):284  
Client No.:135                      \* Sample acidified to pH <2.


Lab No.:6929411                      Location:3rd Floor-Girl's Fountain                      Result(ppb):597  
Client No.:136                      \* Sample acidified to pH <2.

Lab No.:6929412                      Location:3rd Floor-Room 304B                      Result(ppb):366  
Client No.:137                      \* Sample acidified to pH <2.

Lab No.:6929413                      Location:3rd Floor-Boy's RR                      Result(ppb):358  
Client No.:138                      \* Sample acidified to pH <2.

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Lab No.:6929414                      Location:3rd Floor-Boy's Fountain                      Result(ppb):408  
Client No.:139                      \* Sample acidified to pH <2.

Lab No.:6929415                      Location:1st Floor-Room 104                      Result(ppb):267  
Client No.:140                      \* Sample acidified to pH <2.

Lab No.:6929416                      Location:BCMS 1st-Boy's RR                      Result(ppb):326  
Client No.:141                      \* Sample acidified to pH <2.

Lab No.:6929417                      Location:BCMS 1st-Boy's Fountain                      Result(ppb):456  
Client No.:142                      \* Sample acidified to pH <2.

Lab No.:6929418                      Location:BCMS 1st-Girl's RR                      Result(ppb):408  
Client No.:143                      \* Sample acidified to pH <2.

Lab No.:6929419                      Location:BCMS 1st-Girl's Fountain                      Result(ppb):600  
Client No.:144                      \* Sample acidified to pH <2.


Lab No.:6929420                      Location:BCMS 1st-Men's RR                      Result(ppb):525  
Client No.:145                      \* Sample acidified to pH <2.


Lab No.:6929421                      Location:BCMS 1st-Ladies RR                      Result(ppb):438  
Client No.:146                      \* Sample acidified to pH <2.

Lab No.:6929422                      Location:2nd-Boy's RR                      Result(ppb):374  
Client No.:147                      \* Sample acidified to pH <2.

Lab No.:6929423                      Location:2nd-Boy's Fountain                      Result(ppb):422  
Client No.:148                      \* Sample acidified to pH <2.

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

Date Received: 12/3/2019  
Date Analyzed: 12/06/2019  
Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

CERTIFICATE OF ANALYSIS


Client: Health & Safety Services, Inc  
PO Box 365  
Berlin NJ 08009  
  
Client: HEA198

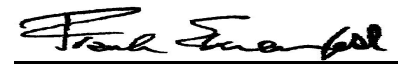
Report Date: 12/6/2019  
Report No.: 605515 - Copper Water  
Project: Belmont Charter/BCMS  
Project No.: 19-1126-10

COPPER WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6929424 Client No.:149	Location:2nd-Girl's RR * Sample acidified to pH <2.	Result(ppb):411
Lab No.:6929425 Client No.:150	Location:2nd-Girl's Fountain * Sample acidified to pH <2.	Result(ppb):591
Lab No.:6929426 Client No.:151	Location:2nd-Men's RR * Sample acidified to pH <2.	Result(ppb):428
Lab No.:6929427 Client No.:152	Location:2nd-Ladies RR * Sample acidified to pH <2.	Result(ppb):538
Lab No.:6929428 Client No.:153	Location:2nd-Girl's Locker * Sample acidified to pH <2.	Result(ppb):514
Lab No.:6929429 Client No.:154	Location:2nd-Hall Fountain * Sample acidified to pH <2.	Result(ppb):396
Lab No.:6929430 Client No.:155	Location:2nd-Kitchen Wash * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:6929431 Client No.:156	Location:2nd-Ice Machine * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:6929432 Client No.:157	Location:2nd-Girl's Locker * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed
Lab No.:6929433 Client No.:158	Location:2nd-Hall Fountain * Sample acidified to pH <2.	Result(ppb):Sample Not Analyzed

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

Date Received: 12/3/2019  
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Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Health & Safety Services, Inc  
PO Box 365  
Berlin NJ 08009  
  
Client: HEA198

Report Date: 12/6/2019  
Report No.: 605515 - Copper Water  
Project: Belmont Charter/BCMS  
Project No.: 19-1126-10

COPPER WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6929434                      Location:1st-Room 101                      Result(ppb):Sample Not Analyzed  
Client No.:159                      \* Sample acidified to pH <2.

Lab No.:6929435                      Location:1st-Girl's RR                      Result(ppb):Sample Not Analyzed  
Client No.:160                      \* Sample acidified to pH <2.

Lab No.:6929436                      Location:1st-Girl's Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:161                      \* Sample acidified to pH <2.

Lab No.:6929437                      Location:1st-Nurse Sink                      Result(ppb):Sample Not Analyzed  
Client No.:162                      \* Sample acidified to pH <2.

Lab No.:6929438                      Location:1st-Nurse Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:163                      \* Sample acidified to pH <2.

Lab No.:6929439                      Location:1st-Boy's RR                      Result(ppb):Sample Not Analyzed  
Client No.:164                      \* Sample acidified to pH <2.


Lab No.:6929440                      Location:1st-Boy's Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:165                      \* Sample acidified to pH <2.


Lab No.:6929441                      Location:1st-Room 104                      Result(ppb):Sample Not Analyzed  
Client No.:166                      \* Sample acidified to pH <2.

Lab No.:6929442                      Location:2nd-Boy's RR                      Result(ppb):Sample Not Analyzed  
Client No.:167                      \* Sample acidified to pH <2.

Lab No.:6929443                      Location:2nd-Boy's Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:168                      \* Sample acidified to pH <2.

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

Date Received: 12/3/2019  
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Signature:   
Analyst: Chad Shaffer

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Frank E. Ehrenfeld, III  
Laboratory Director



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Client: Health & Safety Services, Inc  
PO Box 365  
Berlin NJ 08009  
  
Client: HEA198

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Report No.: 605515 - Copper Water  
Project: Belmont Charter/BCMS  
Project No.: 19-1126-10

COPPER WATER SAMPLE ANALYSIS SUMMARY

Lab No.:6929444                      Location:2nd-Room 200                      Result(ppb):Sample Not Analyzed  
Client No.:169                      \* Sample acidified to pH <2.

Lab No.:6929445                      Location:2nd-Room 204B                      Result(ppb):Sample Not Analyzed  
Client No.:170                      \* Sample acidified to pH <2.

Lab No.:6929446                      Location:2nd-Girl's RR                      Result(ppb):Sample Not Analyzed  
Client No.:171                      \* Sample acidified to pH <2.

Lab No.:6929447                      Location:2nd-Girl's Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:172                      \* Sample acidified to pH <2.

Lab No.:6929448                      Location:3rd-Room 300                      Result(ppb):Sample Not Analyzed  
Client No.:173                      \* Sample acidified to pH <2.

Lab No.:6929449                      Location:3rd-Girl's RR                      Result(ppb):Sample Not Analyzed  
Client No.:174                      \* Sample acidified to pH <2.


Lab No.:6929450                      Location:3rd-Girl's Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:175                      \* Sample acidified to pH <2.


Lab No.:6929451                      Location:3rd-Room 304B                      Result(ppb):Sample Not Analyzed  
Client No.:176                      \* Sample acidified to pH <2.

Lab No.:6929452                      Location:3rd-Boy's RR                      Result(ppb):Sample Not Analyzed  
Client No.:177                      \* Sample acidified to pH <2.

Lab No.:6929453                      Location:3rd-Boy's Fountain                      Result(ppb):Sample Not Analyzed  
Client No.:178                      \* Sample acidified to pH <2.

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

Date Received: 12/3/2019  
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Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: Health & Safety Services, Inc  
PO Box 365  
Berlin NJ 08009  
  
Client: HEA198

Report Date: 12/6/2019  
Report No.: 605515 - Copper Water  
Project: Belmont Charter/BCMS  
Project No.: 19-1126-10

COPPER WATER SAMPLE ANALYSIS SUMMARY

**Lab No.:**6929454                      **Location:**BCMS 1st-Boy's RR                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**179                      \* Sample acidified to pH <2.

**Lab No.:**6929455                      **Location:**BCMS 1st-Boy's Fountain                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**180                      \* Sample acidified to pH <2.

**Lab No.:**6929456                      **Location:**BCMS 1st-Girl's RR                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**181                      \* Sample acidified to pH <2.

**Lab No.:**6929457                      **Location:**BCMS 1st-Girl's Fountain                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**182                      \* Sample acidified to pH <2.

**Lab No.:**6929458                      **Location:**BCMS 1st-Men's                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**183                      \* Sample acidified to pH <2.

**Lab No.:**6929459                      **Location:**BCMS 1st-Ladies                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**184                      \* Sample acidified to pH <2.

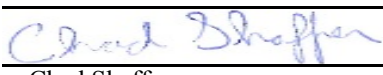
**Lab No.:**6929460                      **Location:**2nd-Boy's RR                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**185                      \* Sample acidified to pH <2.


**Lab No.:**6929461                      **Location:**2nd-Boy's F                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**186                      \* Sample acidified to pH <2.

**Lab No.:**6929462                      **Location:**2nd-Girl's RR                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**187                      \* Sample acidified to pH <2.

**Lab No.:**6929463                      **Location:**2nd-Girl's F                      **Result(ppb):**Sample Not Analyzed  
**Client No.:**188                      \* Sample acidified to pH <2.

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

Date Received: 12/3/2019  
Date Analyzed: 12/06/2019  
Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

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CERTIFICATE OF ANALYSIS

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Client: Health & Safety Services, Inc  
PO Box 365  
Berlin NJ 08009

Report Date: 12/6/2019  
Report No.: 605515 - Copper Water  
Project: Belmont Charter/BCMS  
Project No.: 19-1126-10

Client: HEA198

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COPPER WATER SAMPLE ANALYSIS SUMMARY

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Lab No.:6929464  
Client No.:189

Location:2nd-Men's  
\* Sample acidified to pH <2.

Result(ppb):Sample Not Analyzed

Lab No.:6929465  
Client No.:190

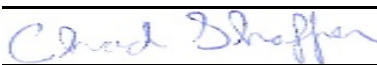
Location:2nd-Ladies  
\* Sample acidified to pH <2.

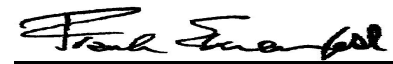
Result(ppb):Sample Not Analyzed

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

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Date Received: 12/3/2019  
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Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

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CERTIFICATE OF ANALYSIS

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Client: Health & Safety Services, Inc  
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Report Date: 12/6/2019  
Report No.: 605515 - Copper Water  
Project: Belmont Charter/BCMS  
Project No.: 19-1126-10

Client: HEA198

## Appendix to Analytical Report:

**Customer Contact:** Jim Proctor  
**Analysis:** AAS-FL- ASTM D1688-12(A)

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:** wchampion@iatl.com  
**iATL Account Representative:** Kelly Klippel  
**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](http://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, impartiality, sample archival and disposal, and data interpretation. See also [www.iatl.com/resources/FAQ](http://www.iatl.com/resources/FAQ)

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, NELAC (TNI), 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 D1688-12(A)

Accreditations:

- NYS-DOH No. 11021

- NJDEP No. 03863

### Note: These methods are analytically equivalent to iATL's accredited method;

- USEPA 200.9 Cu, AAS-FL, RL <40 ppb/sample

Regulatory limit for copper in drinking water is 1300 parts per billion (or 1.3 ppm) 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 = 20 PPB Reporting Limit (RL) = 40 PPB

### Disclaimers / Qualifiers:

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CERTIFICATE OF ANALYSIS

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Client: Health & Safety Services, Inc  
PO Box 365  
Berlin NJ 08009

Report Date: 12/6/2019  
Report No.: 605515 - Copper Water  
Project: Belmont Charter/BCMS  
Project No.: 19-1126-10

Client: HEA198

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).

Matrix spiking is performed on each client batch to determine if interferences could impact results. When spike recoveries fall out of acceptable range matrix interference is suspected and samples are diluted until acceptable spike recovery can be achieved. Reporting limits will increase by the same degree as the dilution required.

Note: Sample dilution required due to matrix interference.

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

\* ASTM D1668-12(A) calls for the addition of acid at the time of sampling. Unless so noted on the chain of custody by the client iATL acidifies samples to a pH of <2 at least 24 hours prior to analysis.