iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

9000 Commerce Parkway Suite B
Mt. Laurel, New Jersey 08054
Telephone: 856-231-9449
Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Garden State Environmental, Inc.
555 S Broad St. Ste. K
Glen Rock NJ 07452

Client: GAR373

Report Date: 9/8/2023
Report No.: 689236 - Lead Water
Project: Cedar Grove BOE
Project No.: 8486

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7668202 **Client No.:**CGHS-1-S03-C	**Location:**Kitchen 3 Comp Left * Sample acidified to pH <2.	**Result(ppb):**1.70
Lab No.:7668203 **Client No.:**CGHS-1-S03-D	**Location:**Kitchen 3 Comp Left * Sample acidified to pH <2.	**Result(ppb):**Sample Not Analyzed
Lab No.:7668204 **Client No.:**CGHS-1-S04-C	**Location:**Kitchen 3 Comp Right * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7668205 **Client No.:**CGHS-1-S04-D	**Location:**Kitchen 3 Comp Right * Sample acidified to pH <2.	**Result(ppb):**Sample Not Analyzed
Lab No.:7668206 **Client No.:**CGHS-9-6-FB-C	**Location:**Field Blank * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7668207 **Client No.:**CGHS-9-6-FB-D	**Location:**Field Blank * 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: 9/7/2023
Date Analyzed: 09/08/2023
Signature:
Analyst: Chad Shaffer

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

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Appendix to Analytical Report:

Customer Contact: Send ALL Lab Reports
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 OfficeManager: ?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 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 docs 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.**

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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Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

– Environmental Lead –

Contact Information

Client Company:	Garden State Environmental, Inc.	**Project Number:**	8486
Office Address:	555 South Broad Street	**Project Name:**	Cedar Grove BOE
City, State, Zip:	Glen Rock, NJ 07452	**Primary Contact:**	Michael Blaney
Fax Number:	201-652-0612	**Office Phone:**	201-652-1119
Email Address:	labreports@gseconsultants.com	**Cell Phone:**	

iATL is accredited by the National Lead Laboratory Accreditation Program (NLLAP) to perform analytical testing of environmental samples for lead (Pb). The accreditation is through AIHA-LAP, LLC and several other nationally recognized state programs.

Matrix/Method:

- ☐ Paint by AAS: ASTM D3335-85a, 2009
- ☐ Wipe/Dust by AAS: SW 846: 3050B: 700B, 2010
- ☐ Air by AAS: NIOSH 7082, 1994
- ☐ Soil by AAS: EPA SW 846 (Soil)
- ☑ Water by AAS-GF: ASTM D3559-03D, US EPA 200.9
- ☐ Other Metals (Cd, Zn, Cr) by AAS
- ☐ Toxicity Characteristic Leaching Procedure (TCLP) by AAS: US EPA 1311
- ☐ Other _____

Special Instructions:

only analyze "D" samples if "C" samples are elevated 15ppb - 19d

Turnaround Time

Preliminary Results Requested Date: _____ (Specific date / time) ☐ Verbal ■ Email ☐ Fax

☐ 10 Day ☐ 5 Day ☐ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ■ 6 Hour** ☐ RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization):	Michael Blaney	Date:	9/6/23	Time:	3:40pm RECEIVED
Received (Name / iATL):		Date:		Time:	
Sample Login (Name / iATL):		Date:		Time:	
Analysis(Name(s) / iATL):		Date:		Time:	SEP - 7 2023
QA/QC Review (Name / iATL):	9/8/23	Date:		Time:	
Archived / Released: _____ QA/QC InterLAB Use: ____		Date:		Time:	

iATL - BV

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Sample Log

–Environmental Lead –

Client: Garden State Environmental, Inc. Project: 8486

Sampling Date/Time: 9/6/23 @ 6:05am

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results ( )
CGHS-1-S03-C	7668202	kitchen 3 comp. left	–	6:05 9m	initial	250ML	
CGHS-1-S03-D	7668203 7668204	kitchen 3 comp. left	–	6:06 9m	30 sec	↓	
CGHS-1-S04-C		kitchen 3 comp. right	–	6:06 9m	initial	↓	
CGHS-1-S04-D	7668205	kitchen 3 comp. right	–	6:07 9m	30 sec	↓	
CGHS-9-6-FB-C	7668206	field blank	–	-	initial	↓	
CGHS-9-6-FB-D	7668207	field blank	–	-	flush	↓	
	Qual Ck	9/7/23 1015					

** = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
*** = Insufficient Sample Provided to Analyze (<50mg) ***= Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.
These **preliminary results** are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.