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: 1/17/2022
Report No.: 650512 - Lead Water
Project: Fair Lawn: Forrest ES
Project No.: 8345

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7342569 **Client No.:**FES-1-WF-01A	**Location:**Hall By 105 * Sample acidified to pH <2.	**Result(ppb):**12.9
Lab No.:7342570 **Client No.:**FES-1-WF-02A	**Location:**Rm 101 * Sample acidified to pH <2.	**Result(ppb):**Sample Not Received
Lab No.:7342571 **Client No.:**FES-1-S-02A	**Location:**Rm 112 * Sample acidified to pH <2.	**Result(ppb):**7.60
Lab No.:7342572 **Client No.:**FES-1-S-03A	**Location:**Rm 111 * Sample acidified to pH <2.	**Result(ppb):**2.90
Lab No.:7342573 **Client No.:**FES-1-B-01A	**Location:**Rm 108 * Sample acidified to pH <2.	**Result(ppb):**6.10
Lab No.:7342574 **Client No.:**FES-1-B-02A	**Location:**Rm 110 * Sample acidified to pH <2.	**Result(ppb):**Sample Not Received
Lab No.:7342575 **Client No.:**FES-1-B-03A	**Location:**Rm 109 * Sample acidified to pH <2.	**Result(ppb):**11.3
Lab No.:7342576 **Client No.:**FES-1-B-04A	**Location:**Rm 124 Nurse * Sample acidified to pH <2.	**Result(ppb):**12.1
Lab No.:7342577 **Client No.:**FES-1-WC-01A	**Location:**Hall By 125 * Sample acidified to pH <2.	**Result(ppb):**Sample Not Received
Lab No.:7342578 **Client No.:**FES-2-WF-04A	**Location:**Hall By 217 * Sample acidified to pH <2.	**Result(ppb):**Sample Not Received

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

Date Received: 1/12/2022
Date Analyzed: 01/17/2022
Signature: Mark Stewart
Analyst: Mark Stewart

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

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Project: Fair Lawn: Forrest ES
Project No.: 8345

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7342579 **Client No.:**FES-2-WF-05A	**Location:**Hall By 216 * Sample acidified to pH <2.	**Result(ppb):**2.70
Lab No.:7342580 **Client No.:**FES-2021-FBA	**Location:**Field Blank * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7342581 **Client No.:**FES-1-S-01A	**Location:**Faculty Rm * Sample acidified to pH <2.	**Result(ppb):**<1.00
Lab No.:7342582 **Client No.:**FES-1-WF-03A	**Location:**Gym * Sample acidified to pH <2.	**Result(ppb):**12.4
Lab No.:7342583 **Client No.:**FES-2021-FBA2	**Location:**Field Blank * Sample acidified to pH <2.	**Result(ppb):**Sample Not Received

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

Date Received: 1/12/2022
Date Analyzed: 01/17/2022
Signature: Mark Stewart
Analyst: Mark Stewart

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

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CERTIFICATE OF ANALYSIS

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	555 S Broad St. Ste. K	Report No.:	650512 - Lead Water
	Glen Rock NJ 07452	Project:	Fair Lawn: Forrest ES
		Project No.:	8345
Client:	GAR373		

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 ir 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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CERTIFICATE OF ANALYSIS

Client:	Garden State Environmental, Inc.	Report Date:	1/17/2022
	555 S Broad St. Ste. K	Report No.:	650512 - Lead Water
	Glen Rock NJ 07452	Project:	Fair Lawn: Forrest ES
		Project No.:	8345
Client:	GAR373		

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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Asbestos-TEM PCM Laboratories

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Chain of Custody

– Environmental Lead –

Contact Information

Client Company:	Garden State Environmental, Inc.	**Project Number:**	8345
Office Address:	555 South Broad Street	**Project Name:**	Fair lawn: Forrest ES
City, State, Zip:	Glen Rock, NJ 07452	**Primary Contact:**	Kathlynn Pinero
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:

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***

RECEIVED

Chain of Custody

Relinquished (Name/Organization):	Kathlynn P (GSE, inc)	Date: 1-11-22	Time: 11:55am
Received (Name / iATL):		Date:	Time: JAN 12 2022
Sample Login (Name / iATL):		Date:	Time:
Analysis(Name(s) / iATL):	MS 1/18/22	Date: 1/17/22	Time:
QA/QC Review (Name / iATL):		Date:	Time:
Archived / Released: _____	QA/QC InterLAB Use: _____	Date:	Time: iATL - By

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Sample Log

–Environmental Lead –

Client: Garden State Environmental, inc. Project: 8345: Fairlawn, Forrest ES

Sampling Date/Time: 12·30·21 7:23 am

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results ( )
FES-1-WF-01A	7342569	Hall by 105		7:23 am	Initial		
* FES-1-WF-02A	7342570	Rm 101		7:28 am	Initial		
FES-1-S-02A	7342571	Rm 112		7:47 am	Initial		
FES-1-S-03A	7342572	Rm 111		7:52 am	Initial		
FES-1-B-01A	7342573	Rm 108		7:55 am	Initial		
* FES-1-B-02A	7342574	Rm 110		8:00 am	Initial		
FES-1B-03A	7342575	Rm 109		8:03 am	Initial		
FES-1-B-04A	7342576	Rm 124 Nurse		8:11 am	Initial		
* FES-1-WC-01A	7342577	Hall by 125		8:14 am	Initial		
* FES-2-WF-04A	7342578	Hall by 217		8:26 am	Initial		
FES-2-WF-05A	7342579	Hall by 216		8:29 am	Initial		
FES-2521-FBA	7342580	Field Blank		—	Initial		
					SNL		

iATL 7342570

iATL 7342577

iATL 7342574

iATL 7342578

n QC Reanal

Insufficient Sample Provided to Analyze (<50mg) *ible*

FB = Method Requires the submittal of blank(s). ML = onsistent 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.

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Sample Log

–Environmental Lead –

Client: Garden State Environmental, Inc. Project: 8345: Fair lawn: Forrest ES

Sampling Date/Time: 12-31-21 8:12 am

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	Area (ft2) Volume (L)	Results ( )
FES-1-S-01A	7342581	faculty Rm		8:12 am	initial		
FES-1-WF-03A	7342582	Gym		8:17 am	initial		
* FES-2021-FBA2	7342583	field Blank		/	initial		
	Acidified NS						
	1/14/22 00:30						

* = 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.

iATL 7342583 *SNL

iATL