

CERTIFICATE OF ANALYSIS

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

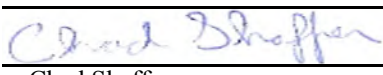
Report Date: 5/10/2022  
Report No.: 659567 - Lead Water  
Project: Wallington HS  
Project No.: 7703

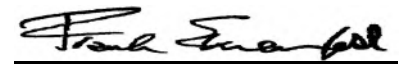
Client: GAR373

LEAD WATER SAMPLE ANALYSIS SUMMARY

<b>Lab No.:</b> 7415803 <b>Client No.:</b> WHS-1-S-02A	<b>Location:</b> Media Center Office * Sample acidified to pH <2.	<b>Result(ppb):</b> 2.20
<b>Lab No.:</b> 7415804 <b>Client No.:</b> WHS-1-S-04A	<b>Location:</b> Kitchen By Gym * Sample acidified to pH <2.	<b>Result(ppb):</b> 2.90
<b>Lab No.:</b> 7415805 <b>Client No.:</b> WHS-1-S-05A	<b>Location:</b> Home EC Right * Sample acidified to pH <2.	<b>Result(ppb):</b> 10.6
<b>Lab No.:</b> 7415806 <b>Client No.:</b> WHS-2-S-09A	<b>Location:</b> Main Office L * Sample acidified to pH <2.	<b>Result(ppb):</b> <1.00
<b>Lab No.:</b> 7415807 <b>Client No.:</b> WHS-2-S-10A	<b>Location:</b> Main Office R * Sample acidified to pH <2.	<b>Result(ppb):</b> <1.00
<b>Lab No.:</b> 7415808 <b>Client No.:</b> WHS-3-S-11A	<b>Location:</b> Faculty Room L * Sample acidified to pH <2.	<b>Result(ppb):</b> <1.00
<b>Lab No.:</b> 7415809 <b>Client No.:</b> WHS-3-S-12A	<b>Location:</b> Faculty Room R * Sample acidified to pH <2.	<b>Result(ppb):</b> 1.40
<b>Lab No.:</b> 7415810 <b>Client No.:</b> WHS-4-13-FBA	<b>Location:</b> * Sample acidified to pH <2.	<b>Result(ppb):</b> <1.00

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

Date Received: 4/25/2022  
Date Analyzed: 05/10/2022  
Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

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CERTIFICATE OF ANALYSIS

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Client: Garden State Environmental, Inc.  
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Report Date: 5/10/2022  
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Project: Wallington HS  
Project No.: 7703

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 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.

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### 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.

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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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Report Date: 5/10/2022  
Report No.: 659567 - Lead Water  
Project: Wallington HS  
Project No.: 7703

Client: GAR373

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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.

## Chain of Custody

– Environmental Lead –

<b>Contact Information</b>	
<b>Client Company:</b> <u>Garden State Environmental, Inc.</u>	<b>Project Number:</b> <u>7703</u>
<b>Office Address:</b> <u>555 South Broad Street</u>	<b>Project Name:</b> <u>Wallington H.S</u>
<b>City, State, Zip:</b> <u>Glen Rock, NJ 07452</u>	<b>Primary Contact:</b> <u>Christian Valdes</u>
<b>Fax Number:</b> <u>201-652-0612</u>	<b>Office Phone:</b> <u>201-652-1119</u>
<b>Email Address:</b> <u>labreports@gseconsultants.com</u>	<b>Cell Phone:</b> _____

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: \_\_\_\_\_  Verbal  Email  Fax

Specific date / time

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): <u>Christian Valdes</u>	Date: <u>4/18/22</u>	Time: <u>3:35 pm</u>
Received (Name / iATL): _____	Date: _____	Time: _____
Sample Login (Name / iATL): _____	Date: _____	Time: _____
Analysis(Name(s) / iATL): <u>inst/olp</u>	Date: _____	Time: _____
QA/QC Review (Name / iATL): <u>LSH/olp</u>	Date: _____	Time: <u>APR 25 2022</u>
Archived / Released: _____	QA/QC InterLAB Use: _____	Date: _____

iATL - DJ



CERTIFICATE OF ANALYSIS

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

Report Date: 5/10/2022  
Report No.: 659566 - Lead Water  
Project: Gavlak; Wallington ES  
Project No.: 7703

Client: GAR373

LEAD WATER SAMPLE ANALYSIS SUMMARY

**Lab No.:** 7415797                      **Location:** Trainer's Room                      **Result(ppb):** <1.00  
**Client No.:** WGK-B-IM-01                      \* Sample acidified to pH <2.

**Lab No.:** 7415798                      **Location:** Boy's Locker Room                      **Result(ppb):** <1.00  
**Client No.:** WGK-B-SP-01A                      \* Sample acidified to pH <2.

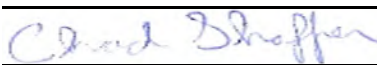
**Lab No.:** 7415799                      **Location:** Faculty Room L                      **Result(ppb):** <1.00  
**Client No.:** WGK-1-S-01A                      \* Sample acidified to pH <2.

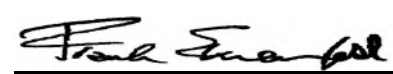
**Lab No.:** 7415800                      **Location:** Faculty Room R                      **Result(ppb):** <1.00  
**Client No.:** WGK-1-S-02A                      \* Sample acidified to pH <2.

**Lab No.:** 7415801                      **Location:** Nurse Room                      **Result(ppb):** 2.50  
**Client No.:** WGK-1-S-03A                      \* Sample acidified to pH <2.

**Lab No.:** 7415802                      **Location:**                      **Result(ppb):** <1.00  
**Client No.:** WGK-4-13-FBA                      \* Sample acidified to pH <2.

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

Date Received: 4/25/2022  
Date Analyzed: 05/10/2022  
Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

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CERTIFICATE OF ANALYSIS

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Client: Garden State Environmental, Inc.  
555 S Broad St. Ste. K  
Glen Rock NJ 07452  
  
Client: GAR373

Report Date: 5/10/2022  
Report No.: 659566 - Lead Water  
Project: Gavlak; Wallington ES  
Project No.: 7703

## Appendix to Analytical Report:

**Customer Contact:** Send ALL Lab Reports  
**Analysis:** AAS-GF - ASTM D3559-08D

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**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

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### 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)

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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

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

Report Date: 5/10/2022  
Report No.: 659566 - Lead Water  
Project: Gavlak; Wallington ES  
Project No.: 7703

Client: GAR373

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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.



## Chain of Custody

– Environmental Lead –

<b>Contact Information</b>	
<b>Client Company:</b> Garden State Environmental, Inc.	<b>Project Number:</b> 7703
<b>Office Address:</b> 555 South Broad Street	<b>Project Name:</b> Gavlak, Wallington ES
<b>City, State, Zip:</b> Glen Rock, NJ 07452	<b>Primary Contact:</b> Christian Valdes
<b>Fax Number:</b> 201-652-0612	<b>Office Phone:</b> 201-652-1119
<b>Email Address:</b> labreports@gseconsultants.com	<b>Cell Phone:</b> _____

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**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:**

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**Turnaround Time**

Preliminary Results Requested Date: \_\_\_\_\_

Specific date / time

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\*\*\*

Verbal  
 Email  
 Fax

**Chain of Custody**

Relinquished (Name/Organization): <u>Christian Valdes</u>	Date: <u>4/18/22</u>	Time: <u>3:50 pm</u>
Received (Name / iATL): _____	Date: _____	Time: _____
Sample Login (Name / iATL): _____	Date: _____	Time: _____
Analysis(Name(s) / iATL): <u>Cristina</u>	Date: _____	Time: <u>APR 25 2022</u>
QA/QC Review (Name / iATL): <u>LSIQU</u>	Date: _____	Time: _____
Archived / Released: _____	Date: _____	Time: _____
QA/QC InterLAB Use: _____	Date: _____	Time: _____

RECEIVED

iATL - By \_\_\_\_\_

## Sample Log

—Environmental Lead—

Client: Garden State Environmental, Inc. Project: Gavlak ES, Wallington

Sampling Date/Time: 4/13/22 8:40 am

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results ( )
W&K-B-TM-01	7415797	Trainer's room	—	8:49	initial	—	
W&K-B-SP-01A	7415798	Boys locker room	—	8:52	initial	—	
W&K-I-S-01A	7415799	Faculty room L	—	8:57	initial	—	
W&K-I-S-02A	7415800	Faculty room R	—	8:59	initial	—	
W&K-I-S-03A	7415801	Nurse Room	—	9:03	initial	—	
<del>W&amp;K-I-S-04A</del>							
W&K-4-13-FBA	7415802	—	—	—	—	—	
	Acidified MS						
	5/3/22 2:00						

\* = 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.

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CERTIFICATE OF ANALYSIS

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

Report Date: 5/10/2022  
Report No.: 659565 - Lead Water  
Project: Jefferson Annex; Wallington  
Project No.: 7703

Client: GAR373

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LEAD WATER SAMPLE ANALYSIS SUMMARY

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**Lab No.:** 7415794                      **Location:** Faculty Room                      **Result(ppb):** <1.00  
**Client No.:** WJA-2-S-01A              \* Sample acidified to pH <2.

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**Lab No.:** 7415795                      **Location:** Nurse                      **Result(ppb):** 9.20  
**Client No.:** WJA-2-S-02A              \* Sample acidified to pH <2.

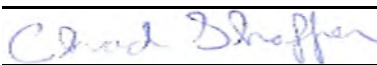
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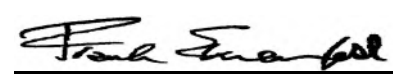
**Lab No.:** 7415796                      **Location:**                      **Result(ppb):** <1.00  
**Client No.:** WJA-4-13-FBA              \* Sample acidified to pH <2.

---

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Date Received: 4/25/2022  
Date Analyzed: 05/10/2022  
Signature:   
Analyst: Chad Shaffer

Approved By:   
Frank E. Ehrenfeld, III  
Laboratory Director

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Glen Rock NJ 07452

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Project: Jefferson Annex; Wallington  
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9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054  
 Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

## Chain of Custody

– Environmental Lead –

<b>Contact Information</b>	
<b>Client Company:</b> <u>Garden State Environmental, Inc.</u>	<b>Project Number:</b> <u>7703</u>
<b>Office Address:</b> <u>555 South Broad Street</u>	<b>Project Name:</b> <u>Jefferson Annex, Wallington</u>
<b>City, State, Zip:</b> <u>Glen Rock, NJ 07452</u>	<b>Primary Contact:</b> <u>Christian Valdes</u>
<b>Fax Number:</b> <u>201-652-0612</u>	<b>Office Phone:</b> <u>201-652-1119</u>
<b>Email Address:</b> <u>labreports@gseconsultants.com</u>	<b>Cell Phone:</b> _____

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: \_\_\_\_\_  Verbal  Email  Fax

Specific date / time

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\*\*\*

<b>Chain of Custody</b>		<b>RECEIVED</b>
Relinquished (Name/Organization): <u>Christian Valdes</u>	Date: <u>4/18/22</u>	Time: <u>4:05</u>
Received (Name / iATL): _____	Date: _____	Time: _____
Sample Login (Name / iATL): _____	Date: _____	Time: _____
Analysis(Name(s) / iATL): <u>cust/olp</u>	Date: _____	Time: <u>APR 25 2022</u>
QA/QC Review (Name / iATL): <u>LS1012</u>	Date: _____	Time: _____
Archived / Released: _____ QA/QC InterLAB Use: _____	Date: _____	Time: _____

iATL - By \_\_\_\_\_

