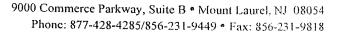


Chain of Custody - Environmental Lead -

	L/11 V 11 O111)	nemai Leau –			
Contact Informa	ation				
Client Company:	Garden State Environmental, inc.	Project Number:	8402		
Office Address:	555 South Broad St.	Project Name:	Broad office: Hopatoong		
City, State, Zip:	Glen Rock, NJ, 07452	Primary Contact:	Kaitlynn Pinero		
Fax Number:	201-652-0612	Office Phone:	201-652-1119		
Email Address:	labreports@gseconsultants.com	Cell Phone:			
		PERMICHENIAN IN CALOURICAL PRODUCTION WHICH HAVE THE THE SECRET AND THE SECRET AN			
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 10 Day 5 Day 3 Day 2 Day 1 Day* 1 Day* 1 E Hour** RUSH**					
Chain of Custod			RECEIVED		
Relinquished (Nar Received (Name /	me/Organization): Kaitlynn Pinero (GSE)	Date: 5 -21 - 2 Date:	2 Time: 12:45 pm Time:		
Sample Login (Na			Time:		
Analysis(Name(s)	/iATL):	Date: 6/6/20	Time; JUN - 2 4/22		
QA/QC Review (1			Time:		
Archived / Release	ed:QA/QC InterLAB Use:	Date:	Time:		





Client: Garden State Environmental, inc.	Project: 84027	board office, Hopatcon	À
Sampling Date/Time: 4 - 23 - 22	1:06 pm		_

Client Sample#	iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results
HA-1-8-01A	<u> </u>	Kitchenette		1:06	initial	7 OFFICE (E.7)	
HA-2022-FBA	7437739	field Blank		/	instal		C. Andrews of Africa & State of State o
							tere error det verderens og syndam meleg meggen gan ga
	AGHFIRD NS						and Anti-Carlo State of Colores and Carlo State of
	6/2/22 18150						
							Marie Berlin (18 Maries men valer pie visa de automatic
							ndretti (mirrita), me das tercente es escente e perm

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							tina di di tangka tilangga di kangga pangga pan
* = Insufficient Comp							

^{* =} 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.



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Garden State Environmental, Inc. Report Date: 6/6/2022

555 S Broad St. Ste. K Report No.: 662249 - Lead Water Glen Rock NJ 07452 Project: Board Office: Hopatcong

> Project No.: 8402

Client: GAR373

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7437738 Location: Kitchenette Result(ppb): 10.3

* Sample acidified to pH <2. Client No.:HA-1-S-01A

Lab No.:7437739 Location: Field Blank **Result(ppb):**<1.00

Client No.: HA-2022-FBA * Sample acidified to pH <2.

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

Date Received: 6/2/2022

Dated: 6/7/2022 10:48:47

06/06/2022 Date Analyzed:

Signature:

Mark Stewart Analyst:

Approved By:

Frank E. Ehrenfeld, III

Laboratory Director

Page 1 of 3



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Garden State Environmental, Inc. Report Date: 6/6/2022

555 S Broad St. Ste. K

Glen Rock NJ 07452

Report No.: 662249 - Lead Water

Project: Board Office: Hopatcong

Client: GAR373 Project No.: 8402

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 μ g/L = 1 ppb MDL = 0.24 PPB Reporting Limit (RL) = 1.0 PPB

Dated: 6/7/2022 10:48:47 Page 2 of 3



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Garden State Environmental, Inc. Report Date: 6/6/2022

555 S Broad St. Ste. K

Glen Rock NJ 07452

Report No.: 662249 - Lead Water

Project: Board Office: Hopatcong

Client: GAR373 Project No.: 8402

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.

Dated: 6/7/2022 10:48:47 Page 3 of 3



Hopatcong Borough Schools

P.O. Box 1029 • Hopatcong, New Jersey 07843 • (973) 770-8840 • FAX (973) 398-2590 **Matthew Geary**, *Facilities Supervisor*

June 8th, 2022

Hopatcong Borough Schools Hopatcong High School 2A Windsor Avenue Hopatcong, NJ 07843

Dear Hopatcong High School Community,

Our school system is committed to protecting student, teacher, and staff health. To protect our community and be in compliance with the Department of Education regulations, Hopatcong Borough Schools tested our schools' drinking water for lead.

In accordance with the Department of Education regulations, Hopatcong High School will implement immediate remedial measures for any drinking water outlet with a result greater than the action level of 15 μ g/l (parts per billion [ppb]). This includes turning off the outlet unless it is determined the location must remain on for non-drinking purposes. In these cases, a "DO NOT DRINK – SAFE FOR HANDWASHING ONLY" sign will be posted.

Results of our Testing

Following instructions given in technical guidance developed by the New Jersey Department of Environmental Protection, we completed a plumbing profile for each of the buildings within Hopatcong Borough Schools. Through this effort, we identified and tested all drinking water and food preparation outlets. Of the 36 samples taken, all but 3 tested below the lead action level established by the US Environmental Protection Agency for lead in drinking water (15 µg/l [ppb]).

The table below identifies the drinking water outlet(s) that tested above the 15 μ g/l for lead, the actual lead level, and what temporary remedial action Hopatcong Borough Schools has taken to reduce the levels of lead at these locations.

Sample Location	First Draw Result	Remedial Action
	in μg/l (ppb)	
Kitchen Dish Wash Sink	23.4	Outlet Immediately Taken Out of
ID# HHS-1-S-04		Service
Nymaa Evayyaah	25.0	Outlet Not Utilized for Drinking
Nurse Eyewash IS# HHS-1-EW-01		Water Purposes. Marked as "For
15# HH5-1-EW-01		Flushing Eyes Only."
PE-7 Comp, Left Sink	36.6	Outlet Immediately Taken Out of
ID#HHS-1-S-16		Service

Health Effects of Lead

High levels of lead in drinking water can cause health problems. Lead is most dangerous for pregnant women, infants, and children under 6 years of age. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. Exposure to high levels of lead during pregnancy contributes to low birth weight and developmental delays in infants. In young children, lead exposure can lower IQ levels, affect hearing, reduce attention span, and hurt school performance. At *very* high levels, lead can even cause brain damage. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

How Lead Enters our Water

Lead is unusual among drinking water contaminants in that it seldom occurs naturally in water supplies like groundwater, rivers and lakes. Lead enters drinking water primarily as a result of the corrosion, or wearing away, of materials containing lead in the water distribution system and in building plumbing. These materials include lead-based solder used to join copper pipe, brass, and chrome-plated brass faucets. In 1986, Congress banned the use of lead solder containing greater than 0.2% lead, and restricted the lead content of faucets, pipes and other plumbing materials. However, even the lead in plumbing materials meeting these new requirements is subject to corrosion. When water stands in lead pipes or plumbing systems containing lead for several hours or more, the lead may dissolve into the drinking water. This means the first water drawn from the tap in the morning may contain fairly high levels of lead.

Lead in Drinking Water

Lead in drinking water, although rarely the sole cause of lead poisoning can significantly increase a person's total lead exposure, particularly the exposure of children under the age of 6. EPA estimates that drinking water can make up 20% or more of a person's total exposure to lead.

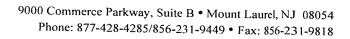
For More Information

A copy of the test results is available in our central office for inspection by the public, including students, teachers, other school personnel, and parents, and can be viewed between the hours of 8:30 a.m. and 4:00 p.m. and are also available on our website at https://www.hopatcongschools.org/p/facilities/. For more information about water quality in our schools, contact Matthew Geary at the Facilities Department at 973-770-8840 or email at mgeary@hopatcongschools.org.

For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at **www.epa.gov/lead**, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

If you are concerned about lead exposure at this facility or in your home, you may want to ask your health care providers about testing children to determine levels of lead in their blood.

Sincerely, Matthew Geary Facilities Supervisor





Chain of Custody

Contact Inform	eation					
Client Company						
Office Address:	555 South Broad Street	Project Number: 9402.				
City, State, Zip:	Glen Rock, NJ 07452	Project Name: Hopatong, High School				
Fax Number:	201-652-0612	Primary Contact: Christian Volles				
Email Address:	labreports@gseconsultants.com	Office Phone: 201-652-1119				
Eman Address.	abreports@gseconsultarits.com	Cell Phone:				
iATL is accredited	by the National Lead Laboratory A	ccreditation Program (NLLAP) to perform analytical testing of				
environmental san recognized state pr	ipics for lead (FD). The accreditation	is through AIHA-LAP, LLC and several other nationally				
Matrix/Method:						
· ·						
Paint by AAS: ASTM D3335-85a, 2009 Wipe/Dust by AAS: SW 846: 3050B: 700B, 2010						
Air by AAS:	NIOSH 7082, 1994	VIU				
	EPA SW 846 (Soil)					
✓ Water by AA	S-GF: ASTM D3559-03D, US E	D 4 200 0				
Other Metals	(Cd, Zn, Cr) by AAS	PA 200.9				
		VOLD) I AAG IVG TO AAG				
Other	acteristic Leaching Procedure (T	CLP) by AAS: US EPA 1311				
Special Instructi	Once					
Special Institucti	<u>ons.</u>					
Turnaround Tin						
Preliminary Results Re	quested Date:	Uerbal Email Fax				
	Specific date / time					
* End of next b	ousiness day unless otherwise specified ** 1	1 Day* 12 Hour** 6 Hour** RUSH** Matrix Dependent. ***Please notify the lab before shipping***				
	, and specified.	thank Dependent. The lase noting the lab before shipping***				
Chain of Custod		RECEIVED				
Received (Name / i	e/Organization): Christian Val	des Date: 4728 22 Time: 1:30 pm				
Sample Login (Name / 1	ne/iATI)	Date: Time:				
Analysis(Name(s) /	iATL):	Date: Time:				
QA/QC Review (N	ame / iATL): / Sluth	MAY Date: 5/10/12 Time: Date: Time:				
Archived / Released	d:QA/QC InterLAB Use:	Date: Time:				
	lan f					
	17 \ 1 \	LIV VV// 1				



Client:	Project: Hopationa High School
Sampling Date/Time: $4/23/22$ 8:0	20 an

			T	T		T	
Client Sample #	iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results
HIB-1-H-01A	7421339	Room 4-32		8:15	inteal	Specialization	
HHS-1-5-01A	7421340	Kitchen Island Ly Oven	-	8:20	initial	,,	
HHS-1-S-02A	7421341	Kitcher Comp Left	-	8:25	initial		*
HIIS-1-8-03A	7421342	Kitchen Comp Right		8:29	intul		***
JHS-1-ST-OIA	7421343	Kilchen Mann Kettle	_	8:33	initial		
1145-1-H-02A	7421344	Dishway Hose	-	8:37	initial		
HHS-1-1 - 04A	7421345	Dishwash Diah	-	8:41	initial		
HAS-1-S-05A	7421346	Kitchen Aland by Frago	,	8:47	initial		
NHS-1-EW-ONA	7421347	Nume Eyewash	***************************************	8:52	initial		
HHS-1-5-13A	7421348	Nune Deals		8:56	initial		
HAS-1- S-14A	7421349	Room A-19		9:03	initial	·	
AHS-1-WC-08A	7421350	Cajeteria		9:06	initial		
HHS-1-BF-05A	7421351	Cafeteria		9:08	initial		
HHS-1-WE-OIA	7421352	Hall by A-20		9:16	initial	A Little State of the Control of the	
AHS-1-BF-01A	7421353	Hall In A-20	_		initial	-	

Insufficient Sample Provided to Perform QC Reanalysis (<200pg)</p>

^{*** =} 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



Client:	Project: Hopatcona	High	School
	,)	9	
Sampling Date/Time: 4/23/22 8:0	Oam		

Client Sample #	iATL#	Location/	Flow	Start	Sampling	Area (ft2)	Results
	7421354	Description	Rate	End	time (min)	Volume (L)	()
HHS-1-S-06A		Room A - 14	*****	9:22	initial		
11HS-1-S-07A	7421355	A-12 Right Wall	_	9:27	initial		
WHS-1-5-08A	7421356	A-12 Book Wall B	**************************************	9:29	initial		
HAS-1-S-09A	7421357	A12 mille But		9:32	initial	CHARLES AND STATE OF THE STATE	
HIS-1-5-10A	7421358	A-12 mille test		9:36	initial		
H45-1-5-11A	7421359	A-12 Book Wall L		9:39	initia		
HHS-1-5-12A	7421360	A-12 Lit Wall		9:43	initial		
HHS-1-S-13A	7421361	Room A-10	,	9:46	initial	and the second	
HHS-1-WC-OZA	7421362	Hall by C-4	j	9:48	initial		
A45-1-BF-02A	7421363	Hall ly C-4		9:54	initial		
1415-1-WC-03A	7421364	Nall by PE-3		9:59	initial	<i>y</i>	
NHS-1-BF-03A	7421365	Hall by PE-3	pathograph	10:01	initial	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
HHS-1-5-15A	7421366	PE-7 Right Comp		10:06	initial		
H45-1-5-164	7421367	PE-7 Lift Comp		10:10	initial		
HAS-1-WC-04A	7421368	Rama OE - 4B	_	10:16	initial.		-

^{* =} 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.

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Client:			Project: Hopatcona	High	School	
			,	J		
Sampling Date/Time: _	4/23/22	8'.00	an			

				1			
Client Sample #	iATL#	Location/ Description	Flow Rate	<u>Start</u> End	Sampling time (min)	Area (ft2) Volume (L)	Results
HHS-1-1M-01	7421369	Room PE-10B		10:20	initial		
HHS-1-5-17A	7421370	Room PE-10	A-1-1-1-1-1-1	p: 22	initial		
144S-1-WC 05A	7421371	How by and - 3		10:33	initial		
HIIS-1-BF-04A	7421372	Hall by and - 3	- sketter	10:36	hitisl		
HHS-1-WC-06A	7421373	Hall by BIG A Lift		10:42	initial		
MHS-1-WC-07A	7421374	Hally BIGA Right		10:44	initial		
HHS-4-23-FBA	7421375		-	_			
	Acilified No						
	5/7/22 1:00						
			1				l

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^{*** =} 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



Lab No.:7421339

9000 Commerce Parkway Suite B Mt. Laurel, New Jersey 08054 Telephone: 856-231-9449

Email: customerservice@iatl.com

Result(ppb):1.20

CERTIFICATE OF ANALYSIS

Client: Garden State Environmental, Inc. Report Date: 5/10/2022

555 S Broad St. Ste. K

Glen Rock NJ 07452

Report No.: 660316 - Lead Water

Hopatcong, High School

Client: GAR373 Project No.: 8402

Location: Room A32

LEAD WATER SAMPLE ANALYSIS SUMMARY

Client No.: HHS-1-H-01A * Sample acidified to pH <2. Lab No.:7421340 **Location:** Kitchen Island By Oven * Sample acidified to pH <2. Client No.:HHS-1-S-01A Lab No.:7421341 Location: Kitchen Comp Left Client No.: HHS-1-S-02A * Sample acidified to pH <2. **Lab No.:**7421342 Location: Kitchen Comp Right * Sample acidified to pH <2. Client No.:HHS-1-S-03A Location: Kitchen Steam Kettle Lab No.:7421343 Client No.:HHS-1-ST-01A * Sample acidified to pH <2. Lab No.:7421344 **Location:** Dishwash Hose **Result(ppb):**<1.00 Client No.: HHS-1-H-02A * Sample acidified to pH <2. Lab No.:7421345 Location: Dishwash Sink Result(ppb):23.4 * Sample acidified to pH <2. Client No.:HHS-1-S-04A Lab No.:7421346 **Location:** Kitchen Island By Freezer Result(ppb):1.30 Client No.:HHS-1-S-05A * Sample acidified to pH <2. Lab No.:7421347 **Location:** Nurse Eyewash Result(ppb):25.0

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

Location: Nurse Sink

* Sample acidified to pH <2.

Date Received: 5/4/2022

Lab No.:7421348

Client No.:HHS-1-S-18A

Date Analyzed: 05/10/2022

Signature: Mark Stawart

Analyst: Mark Stewart

Dated: 5/11/2022 1:15:43

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Result(ppb): 7.90

Page 1 of 6

Client No.:HHS-1-EW-01A * Sample acidified to pH <2.



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Garden State Environmental, Inc. Report Date: 5/10/2022

555 S Broad St. Ste. K

Glen Rock NJ 07452

Report No.: 660316 - Lead Water

Hopatcong, High School

Client: GAR373 Project No.: 8402

LEAD WATER SAMPLE ANALYSIS SUMMARY

Client No.: HHS-1-S-14A * Sample acidified to pH <2.

Lab No.:7421350 Location: Cafeteria Result(ppb):<1.00

Client No.:HHS-1-WC-08A * Sample acidified to pH <2.

Lab No.:7421351 Location: Cafeteria Result(ppb):<1.00

Client No.: HHS-1-BF-05A * Sample acidified to pH <2.

Client No.:HHS-1-WC-01A * Sample acidified to pH <2.

Lab No.:7421353 **Location:**Hall By A-20 **Result(ppb):**<1.00

Client No.: HHS-1-BF-01A * Sample acidified to pH <2.

Lab No.:7421354 Location:Room A-14 Result(ppb):<1.00

Client No.:HHS-1-S-06A * Sample acidified to pH <2.

Lab No.:7421355 Location: A-12 Right Wall Result(ppb):<1.00

Client No.: HHS-1-S-07A * Sample acidified to pH <2.

Lab No.:7421356 Location: A-12 Back Wall R Result(ppb):<1.00

Client No.: HHS-1-S-08A * Sample acidified to pH <2.

Lab No.:7421357 Location: A-12 Middle Right Result(ppb):1.30

Client No.:HHS-1-S-09A * Sample acidified to pH <2.

Lab No.:7421358 Location: A-12 Middle Left Result(ppb):<1.00

Client No.:HHS-1-S-10A * Sample acidified to pH <2.

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

Date Received: 5/4/2022

Date Analyzed: 05/10/2022

Signature: Mark Hamel

Analyst: Mark Stewart

Dated: 5/11/2022 1:15:43

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 2 of 6



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: 5/10/2022

Report No.: 660316 - Lead Water
Project: Hopatcong, High School

Project No.: 8402

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7421359 Location: A-12 Back Wall L Result(ppb):<1.00

Client No.: HHS-1-S-11A * Sample acidified to pH <2.

Lab No.:7421360 Location: A-12 Left Wall Result(ppb): 2.80

Client No.:HHS-1-S-12A * Sample acidified to pH <2.

Client No.: HHS-1-S-13A * Sample acidified to pH <2.

Lab No.:7421362 Location: Hall By C-4 Result(ppb):<1.00

Client No.:HHS-1-WC-02A * Sample acidified to pH <2.

Lab No.:7421363 **Location:**Hall By C-4 **Result(ppb):**<1.00

Client No.:HHS-1-BF-02A * Sample acidified to pH <2.

Lab No.:7421364 Location: Hall By PE-3 Result(ppb):<1.00

Client No.:HHS-1-WC-03A * Sample acidified to pH <2.

Lab No.:7421365 Location: Hall By PE-3 Result(ppb):<1.00

Client No.:HHS-1-BF-03A * Sample acidified to pH <2.

Lab No.:7421366 Location:PE-7 Right Comp Result(ppb):14.7

Client No.:HHS-1-S-15A

* Sample acidified to pH <2.

Lab No.:7421367 Location: PE-7 Left Comp Result(ppb): 36.6

Client No.:HHS-1-S-16A * Sample acidified to pH <2.

Lab No.:7421368 Location:Room PE-4B Result(ppb):<1.00

Client No.:HHS-1-WC-04A * Sample acidified to pH <2.

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

Date Received: 5/4/2022

Date Analyzed: 05/10/2022

Signature: Mark Standt

Analyst: Mark Stewart

Dated: 5/11/2022 1:15:44

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 3 of 6



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Garden State Environmental, Inc. Report Date: 5/10/2022

555 S Broad St. Ste. K Report No.: 660316 - Lead Water Glen Rock NJ 07452 Project: Hopatcong, High School

> Project No.: 8402

Client: GAR373

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7421369 Location: Room PE-10B **Result(ppb):**<1.00

* Sample acidified to pH <2. Client No.:HHS-1-IM-01

Lab No.:7421370 **Location:**Room PE-10 Result(ppb):5.10

Client No.:HHS-1-S-17A * Sample acidified to pH <2.

Location: Hall By Aud-3 Lab No.:7421371 **Result(ppb):**<1.00

* Sample acidified to pH <2. Client No.:HHS-1-WC-05A

Location: Hall By Aud-3 Lab No.:7421372

* Sample acidified to pH <2. Client No.:HHS-1-BF-04A

Location:Hall By B16A Left Lab No.:7421373 Result(ppb):5.00

* Sample acidified to pH <2. Client No.:HHS-1-WC-06A

Lab No.:7421374 Location: Hall By B16A Right Result(ppb): 1.80

* Sample acidified to pH <2. Client No.:HHS-1-WC-07A

Lab No.:7421375 Location: Result(ppb):<1.00

Client No.:HHS-4-23-FBA * Sample acidified to pH <2.

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

5/4/2022 Date Received:

Dated: 5/11/2022 1:15:44

05/10/2022 Date Analyzed:

Signature: Mark Stewart

Analyst:

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 4 of 6



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Garden State Environmental, Inc. Report Date: 5/10/2022

555 S Broad St. Ste. K

Glen Rock NJ 07452

Report No.: 660316 - Lead Water

Project: Hopatcong, High School

Client: GAR373 Project No.: 8402

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.

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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.

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 μ g/L = 1 ppb MDL = 0.24 PPB Reporting Limit (RL) = 1.0 PPB

Dated: 5/11/2022 1:15:44 Page 5 of 6



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Garden State Environmental, Inc. Report Date: 5/10/2022

555 S Broad St. Ste. K

Glen Rock NJ 07452

Report No.: 660316 - Lead Water

Project: Hopatcong, High School

Client: GAR373 Project No.: 8402

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.

Dated: 5/11/2022 1:15:44 Page 6 of 6



Hopatcong Borough Schools

P.O. Box 1029 • Hopatcong, New Jersey 07843 • (973) 770-8840 • FAX (973) 398-2590 **Matthew Geary**, *Facilities Supervisor*

June 8th, 2022

Hopatcong Borough Schools Hopatcong Middle School 1 David Road Stanhope, NJ 07874

Dear Hopatcong Middle School Community,

Our school system is committed to protecting student, teacher, and staff health. To protect our community and be in compliance with the Department of Education regulations, Hopatcong Borough Schools tested our schools' drinking water for lead.

In accordance with the Department of Education regulations, Hopatcong Middle School will implement immediate remedial measures for any drinking water outlet with a result greater than the action level of 15 μ g/l (parts per billion [ppb]). This includes turning off the outlet unless it is determined the location must remain on for non-drinking purposes. In these cases, a "DO NOT DRINK – SAFE FOR HANDWASHING ONLY" sign will be posted.

Results of our Testing

Following instructions given in technical guidance developed by the New Jersey Department of Environmental Protection, we completed a plumbing profile for each of the buildings within Hopatcong Borough Schools. Through this effort, we identified and tested all drinking water and food preparation outlets. Of the 18 samples taken, all but 4 tested below the lead action level established by the US Environmental Protection Agency for lead in drinking water (15 μ g/l [ppb]).

The table below identifies the drinking water outlet(s) that tested above the 15 μ g/l for lead, the actual lead level, and what temporary remedial action Hopatcong Borough Schools has taken to reduce the levels of lead at these locations.

Sample Location	First Draw Result	Remedial Action
	in μg/l (ppb)	
Kitchen Comp, Right Sink	27.4	Outlet immediately taken out of
ID # HM-1-S-01		service.
Kitchen Comp, Left Sink	32.0	Outlet immediately taken out of
ID# HM-1-S-02		service.
Kitchen Hose	21.2	Outlet immediately taken out of
ID #: HM-1-H-01		service.
Room B104, Right Sink	29.4	Outlet immediately taken out of

ID #: HM-1-S-06	service.

Health Effects of Lead

High levels of lead in drinking water can cause health problems. Lead is most dangerous for pregnant women, infants, and children under 6 years of age. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. Exposure to high levels of lead during pregnancy contributes to low birth weight and developmental delays in infants. In young children, lead exposure can lower IQ levels, affect hearing, reduce attention span, and hurt school performance. At *very* high levels, lead can even cause brain damage. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

How Lead Enters our Water

Lead is unusual among drinking water contaminants in that it seldom occurs naturally in water supplies like groundwater, rivers and lakes. Lead enters drinking water primarily as a result of the corrosion, or wearing away, of materials containing lead in the water distribution system and in building plumbing. These materials include lead-based solder used to join copper pipe, brass, and chrome-plated brass faucets. In 1986, Congress banned the use of lead solder containing greater than 0.2% lead, and restricted the lead content of faucets, pipes and other plumbing materials. However, even the lead in plumbing materials meeting these new requirements is subject to corrosion. When water stands in lead pipes or plumbing systems containing lead for several hours or more, the lead may dissolve into the drinking water. This means the first water drawn from the tap in the morning may contain fairly high levels of lead.

Lead in Drinking Water

Lead in drinking water, although rarely the sole cause of lead poisoning can significantly increase a person's total lead exposure, particularly the exposure of children under the age of 6. EPA estimates that drinking water can make up 20% or more of a person's total exposure to lead.

For More Information

A copy of the test results is available in our central office for inspection by the public, including students, teachers, other school personnel, and parents, and can be viewed between the hours of 8:30 4:00 also available website and and are on our a.m. at https://www.hopatcongschools.org/p/facilities/. For more information about water quality in our schools, contact Matthew Geary at the Facilities Department at 973-770-8840 or email at mgeary@hopatcongschools.org.

For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at **www.epa.gov/lead**, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

If you are concerned about lead exposure at this facility or in your home, you may want to ask your health care providers about testing children to determine levels of lead in their blood.

Sincerely, Matthew Geary Facilities Supervisor

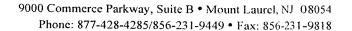


ASBESTOS TESTING LABORATORIES

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

Chain of Custody

Contact Informa	ation		
Client Company:		Project Number:	8402
Office Address:	555 South Broad St.	Project Name:	Hopaticana Middle Schrol
City, State, Zip:	Glen Rock, NJ, 07452	Primary Contact:	Kaitlynn Pinero
Fax Number:	201-652-0612	Office Phone:	201-652-1119
Email Address:	labreports@gseconsultants.com	Cell Phone:	
environmental sam recognized state properties. Matrix/Method: Paint by AAS: Wipe/Dust by Air by AAS: Soil by AAS: Water by AA Other Metals	ples for lead (Pb). The accreditation ograms. E: ASTM D3335-85a, 2009 FAAS: SW 846: 3050B: 700B, 20 NIOSH 7082, 1994 EPA SW 846 (Soil) S-GF: ASTM D3559-03D, US El (Cd, Zn, Cr) by AAS racteristic Leaching Procedure (To	is through AIHA-LAP, L D10 PA 200.9	
			6 Hour** RUSH**
Chain of Custod Relinquished (Name / Received (Name / Sample Login (Na Analysis(Name(s) QA/QC Review (Narchived / Release	ne/Organization): Kaitlynn Pinero (GSE) iATL): me / iATL): / iATL): Vame / iATL):	Date: 6/3/22	Time: Time: Time: Time: Time: Time: Time: Time:





-Environmental Lead -

Client: Garden State Environmental, inc.

Project: 8402: Hopatcong Middle School

Sampling Date/Time: 4-23-22 3:36 pm

		T		T		<u> </u>	
Client Sample#	iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results
HM-1-WC-01A	7437715	Hall by A101		3:35 pm	inital		
HM-1-BF-01A	7437716	Hall by Alol		3:36 pm	initial		
HM-1-WC-02A	7437717	Hall by Alol		3:37 pm	inital		
HM-1-BF-02A	7437710	Hall by Alol		3:38 pm	instal		
HM-1-S-01A	7437713	Kitchen comp, Right		3:39 pm	initial		
HH-1-5-02A	7437720	Kitchen camp, left		3:40 pm	initial		
HM-1-5-03A	7437721	Kitchen Island		3:41 pm	initial		
HM-1-H-01A	7437722	Kitchen Hose		3:42 pm	initial		
HM-1-12-03A	7437723	Hall by M112, Left		3:45 pm	initeal		
HM-1-BF-03A	7409991	Hall by M112, get		3:46 pm	initial		
HM-1-WC-04A	7427725	Hall by M112, Right		3:47 pm	initial		
4M-1-BF-04A	7437726	Hall by M112, Right		3:49 pm	initici		
HM-1-5-06A	7437777	Room 18104, Right		3:51 pm	loitial		
HM-1-S-07A	#4077.JU	Room 13104, feft		3:52 pm	initial		
HM-1-WC-05A	7437729	Hall by 1304, teft		3:5¾ ρm	mitial		

^{* =} 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.



-Environmental Lead -

Client: Garden State Environmental, inc.	Project: 8402: Hopat cong	Middle	School
--	---------------------------	--------	--------

Sampling Date/Time: 4-23-22 3:36 pm

Client Sample #	iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results
HM-1-BF-05A	7437730	Holl by 18104, Feft		3:53 pm	initial	- Viana (E.)	
AM-1-BF-06A	7437732	Hall by, 18104, Right		3:5A pm	rnital		менен укласа боложую реализо
4M-1-WC-06A	7437732	Hall by B104, Right	***************************************	3.56 pm	initial		THE RESERVE OF THE PERSON NAMED IN
4M-3055-EBA	7427733	field Blank		/	initeal		
					\$1 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		***************************************
	Acidified MS				*		**************************************
	6/2/22 (8:50						The PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE SERVICE AND ADDRES
							order berkere i er en enderder en en en en

^{* =} Insufficient Sample Provided to Perform QC Reanalysis (<200mg)

** = Insufficient Sample Provided to Analyze (<50mg) *** = Matrix / Substrate Interference Possible

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

CERTIFICATE OF ANALYSIS

6/3/2022

Client: Garden State Environmental, Inc. Report Date:

> 555 S Broad St. Ste. K Report No.: 662247 - Lead Water Glen Rock NJ 07452 Project: Hopatcong Middle School

Project No.: 8402 Client: GAR373

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7437715 Location: Hall By A101 **Result(ppb):**<1.00 Client No.:HM-1-WC-01A * Sample acidified to pH <2.

Lab No.:7437716 Location: Hall By A101

* Sample acidified to pH <2. Client No.:HM-1-BF-01A

Location: Hall By A101 Lab No.:7437717

Client No.:HM-1-WC-02A * Sample acidified to pH <2.

Location: Hall By A101 Lab No.:7437718

* Sample acidified to pH <2. Client No.:HM-1-BF-02A

Lab No.:7437719 Location: Kitchen Comp, Right

* Sample acidified to p $\dot{\rm H}$ <2. Client No.:HM-1-S-01A

Lab No.:7437720 Location: Kitchen Comp, Left Result(ppb):32.0

* Sample acidified to pH <2. Client No.:HM-1-S-02A

Lab No.:7437721 Location: Kitchen Island Result(ppb):11.2

* Sample acidified to pH <2. Client No.:HM-1-S-03A

Lab No.:7437722 Location: Kitchen Hose Result(ppb):21.2 Client No.:HM-1-H-01A * Sample acidified to pH <2.

Lab No.:7437723 Location: Hall By M112, Left **Result(ppb):**<1.00

Client No.:HM-1-WC-03A * Sample acidified to pH <2.

Lab No.:7437724 Location: Hall By M112, Left Result(ppb):<1.00

* Sample acidified to pH <2. Client No.:HM-1-BF-03A

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

6/2/2022 Date Received:

Dated: 6/6/2022 12:18:40

06/03/2022 Date Analyzed:

Signature:

Mark Stewart Analyst:

Laboratory Director

Frank E. Ehrenfeld, III

Approved By:

Page 1 of 4



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: 6/3/2022

Report No.: 662247 - Lead Water Project: Hopatcong Middle School

Project No.: 8402

LEAD WATER SAMPLE ANALYSIS SUMMARY

Location: Hall By M112, Right Lab No.:7437725 **Result(ppb):**<1.00

* Sample acidified to pH <2. Client No.:HM-1-WC-04A

Lab No.:7437726 Location: Hall By M112, Right **Result(ppb):**<1.00

* Sample acidified to pH <2. Client No.:HM-1-BF-04A

Lab No.:7437727 Location: Room B104, Right

* Sample acidified to pH <2. Client No.:HM-1-S-06A

Lab No.:7437728 Location: Room B104, Left

* Sample acidified to pH <2. Client No.:HM-1-S-07A

Location: Hall By B104, Left Lab No.:7437729 Result(ppb):<1.00

* Sample acidified to pH <2. Client No.:HM-1-WC-05A

Lab No.:7437730 Location: Hall By B104, Left **Result(ppb):**<1.00

* Sample acidified to pH <2. Client No.:HM-1-BF-05A

Lab No.:7437731 Location: Hall By B104, Right **Result(ppb):**<1.00 * Sample acidified to pH <2. Client No.:HM-1-BF-06A

Lab No.:7437732 **Location:**Hall By B104, Right **Result(ppb):**<1.00

* Sample acidified to pH <2. Client No.:HM-1-WC-06A

Lab No.:7437733 Location: Field Blank Result(ppb):<1.00

Client No.:HM-2022-FBA * Sample acidified to pH <2.

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

6/2/2022 Date Received:

Date Analyzed:

06/03/2022

Signature:

Mark Stewart Analyst:

Approved By:

Frank E. Ehrenfeld, III

Laboratory Director

Dated: 6/6/2022 12:18:40 Page 2 of 4



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Garden State Environmental, Inc. Report Date: 6/3/2022

555 S Broad St. Ste. K

Glen Rock NJ 07452

Report No.: 662247 - Lead Water

Project: Hopatcong Middle School

Client: GAR373 Project No.: 8402

Appendix to Analytical Report:

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

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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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PPB = Parts per billion. 1 μ g/L = 1 ppb MDL = 0.24 PPB Reporting Limit (RL) = 1.0 PPB

Dated: 6/6/2022 12:18:40 Page 3 of 4



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Garden State Environmental, Inc. Report Date: 6/3/2022

555 S Broad St. Ste. K

Glen Rock NJ 07452

Report No.: 662247 - Lead Water

Project: Hopatcong Middle School

Client: GAR373 Project No.: 8402

Disclaimers / Qualifiers:

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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.

Dated: 6/6/2022 12:18:40 Page 4 of 4

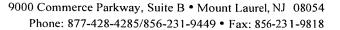


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Chain of Custody

– Environmental Lead –

Contact Informa	ation		
Client Company:	Garden State Environmental, Inc.	Project Number:	8402
Office Address:	555 South Broad Street	Project Name:	Tulsa Trail Hopatcona
City, State, Zip:	Glen Rock, NJ 07452	Primary Contact:	
Fax Number:	201-652-0612	Office Phone:	201-652-1119
Email Address:	labreports@gseconsultants.com	Cell Phone:	
environmental sam recognized state properties. Matrix/Method: Paint by AAS: Wipe/Dust by Air by AAS: Soil by AAS: Water by AAS: Other Metals	ples for lead (Pb). The accreditation ograms. : ASTM D3335-85a, 2009 : AAS: SW 846: 3050B: 700B, 20 NIOSH 7082, 1994 EPA SW 846 (Soil) S-GF: ASTM D3559-03D, US ER (Cd, Zn, Cr) by AAS racteristic Leaching Procedure (To	is through AIHA-LAP, I	
Turnaman I Ti			
			6 Hour** □ RUSH**
~ -		<u> </u>	
Chain of Custod Relinquished (Name / Received (Name / Sample Login (Name (Name)) Analysis(Name(S)) QA/QC Review (Name) Archived / Release	ne/Organization): Christian Valde iATL): me / iATL): / iATL): // iATL]: // i	Date: t Date: Date: Date:	7 Time: CENED Time: Time: Time: Time: Time: Time: Time:





-Environmental Lead -

Client: Garden State Environmental, Inc	Project: Tulsa Trail.	Hopateona
	,	

Sampling Date/Time: 4/23/22 1:00 pm

Acidified w s/11/22 1:15 Location/ Flow Start Sampling Area (ft2) Results Client Sample # iATL# Description Rate End time (min) Volume (L) 7421830 HT-1-S-05A 1:08 7421831 HT-1-WC-02/ 1:09 7421832 HT-1-BF-02A 1:10 7421833 1:17 HT-1-5-02A 7421834 HE1-8-03A 1:12 7421835 HT-1-WC-01A 7421836 HT-1-BF-01A 1:14 7421837 1:15 HT-LS-OIA 7421838 HT-1-WC-03A 1:16 7421839 HT-1-BF-03A 1:17 7421840 HT-1-5-06A 1:18 7421841 HT-1-WC-04A :19 7421842 HT-1-BF- BUA 7421843 1:23 7421844 11-4-23-13A

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. Choice 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.

^{* =} Insufficient Sample Provided to Perform QC Reanalysis (<200mg)

^{**=} 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



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Garden State Environmental, Inc. Report Date: 5/13/2022

555 S Broad St. Ste. K

Glen Rock NJ 07452

Report No.: 660337 - Lead Water

Project: Tulsa Tail Hopatcong

Client: GAR373 Project No.: 8402

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7421830Location: CafeResult(ppb): 10.8Client No.:HT-1-S-05A* Sample acidified to pH <2.</td>

Lab No.:7421831 **Location:**Hall By B-3 **Result(ppb):**<1.00

Client No.:HT-1-WC-02A * Sample acidified to pH <2.

Lab No.:7421832Location: Hall By B-3Result(ppb):<1.00</th>Client No.:HT-1-BF-02A* Sample acidified to pH <2.</td>

Lab No.:7421833 Location: Kitchen Comp R Result(ppb):9.00

Client No.:HT-1-S-02A * Sample acidified to pH <2.

Lab No.:7421834Location: Kitchen Comp LResult(ppb):3.50

Client No.:HT-1-S-03A * Sample acidified to pH <2.

Lab No.:7421835Location: Hall By Conf RoomResult(ppb):<1.00</th>Client No.:HT-1-WC-01A* Sample acidified to pH <2.</td>

Lab No.:7421836 Location: Hall By Conf Room Result(ppb):<1.00

Client No.: HT-1-BF-01A

* Sample acidified to pH <2.

Lab No.:7421837 Location: Main Office K Result(ppb):<1.00

Client No.:HT-1-S-01A * Sample acidified to pH <2.

Lab No.:7421838 Location: Hall By Room 16 Result(ppb):<1.00

Client No.:HT-1-WC-03A * Sample acidified to pH <2.

Lab No.:7421839 Location: Hall By Room 16 Result(ppb):<1.00

Client No.:HT-1-BF-03A * Sample acidified to pH <2.

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

Date Received: 5/4/2022

Date Analyzed: 05/13/2022

Signature:
Analyst:
Chad Shaffer

Dated: 5/16/2022 4:51:20 Page 1 of 4

Approved By:

Frank Transit

Frank E. Ehrenfeld, III Laboratory Director



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Garden State Environmental, Inc. Report Date: 5/13/2022

555 S Broad St. Ste. K Report No.: 660337 - Lead Water Glen Rock NJ 07452 Project: Tulsa Tail Hopatcong

Project No.: 8402 Client: GAR373

LEAD WATER SAMPLE ANALYSIS SUMMARY

Location: Nurse Room **Lab No.:**7421840 Result(ppb):3.00

* Sample acidified to pH <2. Client No.:HT-1-S-06A

Lab No.:7421841 Location: Hall By Room 6 **Result(ppb):**<1.00

* Sample acidified to pH <2. Client No.:HT-1-WC-04A

Lab No.:7421842 **Location:**Hall By Room 6 **Result(ppb):**<1.00

* Sample acidified to pH <2. Client No.:HT-1-BF-04A

Location: Room 23 Lab No.:7421843

* Sample acidified to pH <2. Client No.:HT-1-S-07A

Lab No.:7421844 **Location:** Result(ppb):<1.00

* Sample acidified to pH <2. Client No.:HT-4-23-FBA

Lab No.:7421845 Location: Additional Sample Received Result(ppb):6.30

Client No.:HT-1-S-03A * Sample acidified to pH <2.

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

5/4/2022 Date Received:

Dated: 5/16/2022 4:51:20

05/13/2022 Date Analyzed:

Signature: Chad Shaffer Analyst:

Approved By:

Frank E. Ehrenfeld, III

Laboratory Director



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Garden State Environmental, Inc. Report Date: 5/13/2022

555 S Broad St. Ste. K

Glen Rock NJ 07452

Report No.: 660337 - Lead Water

Project: Tulsa Tail Hopatcong

Client: GAR373 Project No.: 8402

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 μ g/L = 1 ppb MDL = 0.24 PPB Reporting Limit (RL) = 1.0 PPB

Dated: 5/16/2022 4:51:20 Page 3 of 4



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Garden State Environmental, Inc. Report Date: 5/13/2022

555 S Broad St. Ste. K

Glen Rock NJ 07452

Report No.: 660337 - Lead Water

Project: Tulsa Tail Hopatcong

Client: GAR373 Project No.: 8402

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.

Dated: 5/16/2022 4:51:20 Page 4 of 4



Hopatcong Borough Schools

P.O. Box 1029 • Hopatcong, New Jersey 07843 • (973) 770-8840 • FAX (973) 398-2590 **Matthew Geary**, *Facilities Supervisor*

June 8th, 2022

Hopatcong Borough Schools Durban Avenue School 616 Durban Avenue Hopatcong, NJ 07843

Dear Durban Avenue School Community,

Our school system is committed to protecting student, teacher, and staff health. To protect our community and be in compliance with the Department of Education regulations, Hopatcong Borough Schools tested our schools' drinking water for lead.

In accordance with the Department of Education regulations, Durban Avenue School will implement immediate remedial measures for any drinking water outlet with a result greater than the action level of 15 μ g/l (parts per billion [ppb]). This includes turning off the outlet unless it is determined the location must remain on for non-drinking purposes. In these cases, a "DO NOT DRINK – SAFE FOR HANDWASHING ONLY" sign will be posted.

Results of our Testing

Following instructions given in technical guidance developed by the New Jersey Department of Environmental Protection, we completed a plumbing profile for each of the buildings within Hopatcong Borough Schools. Through this effort, we identified and tested all drinking water and food preparation outlets. Of the 13 samples taken, all but 1 tested below the lead action level established by the US Environmental Protection Agency for lead in drinking water (15 μ g/l [ppb]).

The table below identifies the drinking water outlet(s) that tested above the 15 μ g/l for lead, the actual lead level, and what temporary remedial action Hopatcong Borough Schools has taken to reduce the levels of lead at these locations.

Sample Location	First Draw Result in µg/l (ppb)	Remedial Action
First Floor Kitchen Dish-Wash Hose	76.0	Outlet immediately taken out of service.

Health Effects of Lead

High levels of lead in drinking water can cause health problems. Lead is most dangerous for pregnant women, infants, and children under 6 years of age. It can cause damage to the brain and kidneys, and can interfere with the production of red blood cells that carry oxygen to all parts of your body. Exposure to high levels of lead during pregnancy contributes to low birth weight and developmental delays in infants. In young children, lead exposure can lower IQ levels, affect hearing, reduce attention span, and hurt school performance. At *very* high levels, lead can even cause brain damage. Adults with kidney problems and high blood pressure can be affected by low levels of lead more than healthy adults.

How Lead Enters our Water

Lead is unusual among drinking water contaminants in that it seldom occurs naturally in water supplies like groundwater, rivers and lakes. Lead enters drinking water primarily as a result of the corrosion, or wearing away, of materials containing lead in the water distribution system and in building plumbing. These materials include lead-based solder used to join copper pipe, brass, and chrome-plated brass faucets. In 1986, Congress banned the use of lead solder containing greater than 0.2% lead, and restricted the lead content of faucets, pipes and other plumbing materials. However, even the lead in plumbing materials meeting these new requirements is subject to corrosion. When water stands in lead pipes or plumbing systems containing lead for several hours or more, the lead may dissolve into the drinking water. This means the first water drawn from the tap in the morning may contain fairly high levels of lead.

Lead in Drinking Water

Lead in drinking water, although rarely the sole cause of lead poisoning can significantly increase a person's total lead exposure, particularly the exposure of children under the age of 6. EPA estimates that drinking water can make up 20% or more of a person's total exposure to lead.

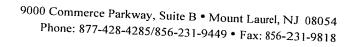
For More Information

A copy of the test results is available in our central office for inspection by the public, including students, teachers, other school personnel, and parents, and can be viewed between the hours of 8:30 a.m. and 4:00 p.m. and are also available on our website at https://www.hopatcongschools.org/p/facilities/. For more information about water quality in our schools, contact Matthew Geary at the Facilities Department at 973-770-8840 or email at mgeary@hopatcongschools.org.

For more information on reducing lead exposure around your home and the health effects of lead, visit EPA's Web site at **www.epa.gov/lead**, call the National Lead Information Center at 800-424-LEAD, or contact your health care provider.

If you are concerned about lead exposure at this facility or in your home, you may want to ask your health care providers about testing children to determine levels of lead in their blood.

Sincerely, Matthew Geary Facilities Supervisor





Chain of Custody - Environmental Lead -

	0		
Office Address:	Garden State Environmental, Inc.	Project Number:	8402
	555 South Broad Street	Project Name:	Durhan ES Hopationa
City, State, Zip: Fax Number:	Glen Rock, NJ 07452	_ Primary Contact:	Christian Valdes
	201-652-0612	_ Office Phone:	201-652-1119
Email Address:	labreports@gseconsultants.com	Cell Phone:	201 002-1113
Matrix/Method: Paint by AAS: Wipe/Dust by Air by AAS: N Soil by AAS: I	ASTM D3335-85a, 2009 AAS: SW 846: 3050B: 700B, 2 HOSH 7082, 1994 EPA SW 846 (Soil) -GF: ASTM D3559-03D, US F	2010	LAP) to perform analytical testing of LC and several other nationally
Other Metals (Cd, Zn, Cr) by AAS cteristic Leaching Procedure (7		1311
Toxicity Charadother Other Decial Instruction Turnaround Time Teliminary Results Requestion Toxicity Charadother Toxicity Charad	ested Date: Specific date / time	CLP) by AAS: US EPA	Email
Toxicity Charadother Other Decial Instruction Turnaround Time Teliminary Results Requestion Toxicity Charadother Toxicity Charad	ested Date: Specific date / time Day 5 Day 3 Day 2 Day iness day unless otherwise specified. ** N	CLP) by AAS: US EPA	Email



Client:	Project: Durban Ave Elementary Hapateona
Sampling Date/Time: 4/23/22	
Sampling Date/Time: 4/12/12	2:25pm

	T T			7			
Client Sample #	iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results
HD-1-WC-02A	7421376	Hall by C-1		2:25	initial		
HD-LBF-OZA	7421377	Hall by C-1	-	2:26	initial		
HD-1- S-04A	7421378	Nurse Room		2:27	initial		
HD-1-wc-03A	7421379	Hall nutricle Nune		2:28	initial		
HD-1-BF-03A	7421330	Hall Outride Name	_	2:29	intial		
HD-1- H- 02 A	7421381	Kitchen Comp Hose	1	2:31	initial		
HD-1- S- 03A	7421382	Utcher Comp Left		2:32			
HD-1-H-01A	7 421 38 3	Dishwash Hose		2:33	initial		
HD-1-WC-01A	7421384	Idall by D-9		2:34	المتكنس	_	
HD-1-BF-01A	1 4 v4 4 v	Itall ly 0-9	-	2:36	initial		
HD-1- S-01A	7421386	Granty Room		2:38	initial		
HD-4- 23-FBA	7421387	-			***************************************		
HD-1-5-01A	7421388	Kitchen Comp Right		2:33	initial	magnetacités	
ND-1-5-05A	7421389	'			Acidified	M	
	or extra	Famole re	N		5/7/22	1:00	

² – 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.



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. Report Date: 5/11/2022

555 S Broad St. Ste. K Report No.: 660317 - Lead Water Glen Rock NJ 07452 Project: Durban ES, Hopatcong

Project No.: 8402 Client: GAR373

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7421376 **Location:**Hall By C-1 **Result(ppb):**<1.00

* Sample acidified to pH <2. Client No.:HD-1-WC-02A

Lab No.:7421377 **Location:**Hall By C-1

* Sample acidified to pH <2. Client No.:HD-1-BF-02A

Lab No.:7421378 Location: Nurse Room

Client No.: HD-1-S-04A * Sample acidified to pH <2.

Lab No.:7421379 **Location:**Hall Outside Nurse

* Sample acidified to pH <2. Client No.:HD-1-WC-03A

Location:Hall Outside Nurse Lab No.:7421380

* Sample acidified to pH <2. Client No.:HD-1-BF-03A

Lab No.:7421381 **Location:**Kitchen Comp Hose **Result(ppb):**<1.00

* Sample acidified to pH <2. Client No.:HD-1-H-02A

Lab No.:7421382 Location: Kitchen Comp Left Result(ppb):5.60

* Sample acidified to pH <2. Client No.:HD-1-S-03A

Lab No.:7421383 **Location:** Dishwash Hose Result(ppb):76.0

Client No.: HD-1-H-01A * Sample acidified to pH <2.

Lab No.:7421384 **Location:**Hall By D-9 **Result(ppb):**<1.00

Client No.:HD-1-WC-01A * Sample acidified to pH <2.

Location: Hall By D-9 Lab No.:7421385 Result(ppb):<1.00

* Sample acidified to pH <2. Client No.:HD-1-BF-01A

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

5/4/2022 Date Received:

05/11/2022 Date Analyzed:

Dated: 5/12/2022 2:43:43

Signature: Chad Shaffer

Analyst:

Approved By:

Frank E. Ehrenfeld, III

Laboratory Director



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Garden State Environmental, Inc. Report Date:

> 555 S Broad St. Ste. K Report No.: 660317 - Lead Water Glen Rock NJ 07452 Project: Durban ES, Hopatcong

> > Project No.: 8402

5/11/2022

Client: GAR373

LEAD WATER SAMPLE ANALYSIS SUMMARY

Lab No.:7421386 Location: Faculty Room Result(ppb): 7.20

* Sample acidified to pH <2. Client No.:HD-1-S-01A

Lab No.:7421387 **Location: Result(ppb):**<1.00

Client No.:HD-4-23-FBA * Sample acidified to pH <2.

Lab No.:7421388 Location: Kitchen Comp Right **Result(ppb):**<1.00

* Sample acidified to pH <2. Client No.:HD-1-S-02A

Lab No.:7421389 Location: Additional Sample Received Result(ppb):<1.00

* Sample acidified to pH <2. Client No.:HD-1-S-05A

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

5/4/2022 Date Received:

Dated: 5/12/2022 2:43:43

05/11/2022 Date Analyzed:

Signature: Chad Shaffer Analyst:

Frank E. Ehrenfeld, III Laboratory Director

Approved By:

Page 2 of 4



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Garden State Environmental, Inc. Report Date: 5/11/2022

555 S Broad St. Ste. K

Glen Rock NJ 07452

Report No.: 660317 - Lead Water

Project: Durban ES, Hopatcong

Client: GAR373 Project No.: 8402

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

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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

- <u>Certification:</u>
 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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PPB = Parts per billion. 1 μ g/L = 1 ppb MDL = 0.24 PPB Reporting Limit (RL) = 1.0 PPB

Dated: 5/12/2022 2:43:43 Page 3 of 4



Email: customerservice@iatl.com

CERTIFICATE OF ANALYSIS

Client: Garden State Environmental, Inc. Report Date: 5/11/2022

555 S Broad St. Ste. K

Glen Rock NJ 07452

Report No.: 660317 - Lead Water

Project: Durban ES, Hopatcong

Client: GAR373 Project No.: 8402

Disclaimers / Qualifiers:

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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.

Dated: 5/12/2022 2:43:43 Page 4 of 4