

October 03, 2025

Justin Calhoun  
120Water  
250 South Elm St.  
Zionsville, Indiana 46077

Re: Virginia Department of Health  
Work Order: 743687

Dear Justin Calhoun:

GEL Laboratories, LLC (GEL) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on September 08, 2025. This original data report has been prepared and reviewed in accordance with GEL's standard operating procedures.

The samples were delivered with proper chain of custody documentation and signatures. All sample containers arrived without any visible signs of tampering or breakage. There are no additional comments concerning sample receipt.

Test results for NELAP or ISO 17025 accredited tests are verified to meet the requirements of those standards, with any exceptions noted. The results reported relate only to the items tested and to the sample as received by the laboratory. These results may not be reproduced except as full reports without approval by the laboratory. Copies of GEL's accreditations and certifications can be found on our website at [www.gel.com](http://www.gel.com).

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at (843) 556-8171, ext. .

Sincerely,

Kierra McKnight for  
Alaina Pinnick  
Project Manager

Purchase Order: PO  
Enclosures



# GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

## Certificate of Analysis Report for

120W002 120 Water Inc.

Client SDG: 743687 GEL Work Order: 743687

**The Qualifiers in this report are defined as follows:**

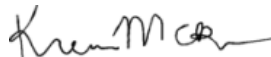
- \* A quality control analyte recovery is outside of specified acceptance criteria
- \*\* Analyte is a Tracer compound
- \*\* Analyte is a surrogate compound
- B Either presence of analyte detected in the associated blank, or MDL/IDL < sample value < PQL
- J Value is estimated
- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the Certificate of Analysis.

The designation ND, if present, appears in the result column when the analyte concentration is not detected above the limit as defined in the 'U' qualifier above.

This data report has been prepared and reviewed in accordance with GEL Laboratories LLC standard operating procedures. Please direct any questions to your Project Manager, Alaina Pinnick.

Reviewed by



# GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

## Certificate of Analysis

Company : 120Water  
Address : 250 South Elm St.  
Zionsville, Indiana 46077

Report Date: October 3, 2025

Contact: Justin Calhoun  
Project: **Virginia Department of Health**

Client Sample ID: 481273      Project: 120W00624  
Sample ID: 743687001      Client ID: 120W002  
Matrix: Drinking Water (Potable)  
Collect Date: 04-SEP-25 07:37  
Receive Date: 08-SEP-25  
Collector: Client

Parameter	Qualifier	Result	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
<b>Metals Analysis-ICP-MS</b>											
<i>Lead, Total "As Received"</i>											
Lead	<	2.00	2.00	ug/L	1.00	1	JD2	09/30/25	1138	2869647	1

*The following Prep Methods were performed:*

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	HC1	09/25/25	0950	2869646

*The following Analytical Methods were performed:*

Method	Description	Analyst Comments
1	EPA 200.8	

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## Certificate of Analysis

Company : 120Water  
Address : 250 South Elm St.  
Zionsville, Indiana 46077

Report Date: October 3, 2025

Contact: Justin Calhoun  
Project: **Virginia Department of Health**

Client Sample ID: 481274  
Sample ID: 743687002  
Matrix: Drinking Water (Potable)  
Collect Date: 04-SEP-25 07:38  
Receive Date: 08-SEP-25  
Collector: Client

Project: 120W00624  
Client ID: 120W002

Parameter	Qualifier	Result	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
<b>Metals Analysis-ICP-MS</b>											
<i>Lead, Total "As Received"</i>											
Lead	<	2.00	2.00	ug/L	1.00	1	JD2	09/26/25	1505	2866561	1

*The following Prep Methods were performed:*

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	ES3	09/24/25	2000	2866560

*The following Analytical Methods were performed:*

Method	Description	Analyst Comments
1	EPA 200.8	

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## Certificate of Analysis

Company : 120Water  
Address : 250 South Elm St.  
Zionsville, Indiana 46077

Report Date: October 3, 2025

Contact: Justin Calhoun  
Project: **Virginia Department of Health**

Client Sample ID: 481275  
Sample ID: 743687003  
Matrix: Drinking Water (Potable)  
Collect Date: 04-SEP-25 07:38  
Receive Date: 08-SEP-25  
Collector: Client

Project: 120W00624  
Client ID: 120W002

Parameter	Qualifier	Result	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
<b>Metals Analysis-ICP-MS</b>											
<i>Lead, Total "As Received"</i>											
Lead	<	2.00	2.00	ug/L	1.00	1	JD2	09/26/25	1510	2866561	1

*The following Prep Methods were performed:*

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	ES3	09/24/25	2000	2866560

*The following Analytical Methods were performed:*

Method	Description	Analyst Comments
1	EPA 200.8	

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## Certificate of Analysis

Company : 120Water  
Address : 250 South Elm St.  
Zionsville, Indiana 46077

Report Date: October 3, 2025

Contact: Justin Calhoun  
Project: **Virginia Department of Health**

Client Sample ID: 481276  
Sample ID: 743687004  
Matrix: Drinking Water (Potable)  
Collect Date: 04-SEP-25 07:39  
Receive Date: 08-SEP-25  
Collector: Client

Project: 120W00624  
Client ID: 120W002

Parameter	Qualifier	Result	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
<b>Metals Analysis-ICP-MS</b>											
<i>Lead, Total "As Received"</i>											
Lead	<	2.00	2.00	ug/L	1.00	1	JD2	09/26/25	1511	2866561	1

*The following Prep Methods were performed:*

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	ES3	09/24/25	2000	2866560

*The following Analytical Methods were performed:*

Method	Description	Analyst Comments
1	EPA 200.8	

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## Certificate of Analysis

Company : 120Water  
Address : 250 South Elm St.  
Zionsville, Indiana 46077

Report Date: October 3, 2025

Contact: Justin Calhoun  
Project: **Virginia Department of Health**

Client Sample ID: 481277  
Sample ID: 743687005  
Matrix: Drinking Water (Potable)  
Collect Date: 04-SEP-25 07:33  
Receive Date: 08-SEP-25  
Collector: Client

Project: 120W00624  
Client ID: 120W002

Parameter	Qualifier	Result	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
<b>Metals Analysis-ICP-MS</b>											
<i>Lead, Total "As Received"</i>											
Lead	<	2.00	2.00	ug/L	1.00	1	JD2	09/26/25	1513	2866561	1

*The following Prep Methods were performed:*

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	ES3	09/24/25	2000	2866560

*The following Analytical Methods were performed:*

Method	Description	Analyst Comments
1	EPA 200.8	

# GEL LABORATORIES LLC

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## Certificate of Analysis

Company : 120Water  
Address : 250 South Elm St.  
Zionsville, Indiana 46077

Report Date: October 3, 2025

Contact: Justin Calhoun  
Project: **Virginia Department of Health**

Client Sample ID: 481278  
Sample ID: 743687006  
Matrix: Drinking Water (Potable)  
Collect Date: 04-SEP-25 07:34  
Receive Date: 08-SEP-25  
Collector: Client

Project: 120W00624  
Client ID: 120W002

Parameter	Qualifier	Result	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
<b>Metals Analysis-ICP-MS</b>											
<i>Lead, Total "As Received"</i>											
Lead	<	2.00	2.00	ug/L	1.00	1	JD2	09/26/25	1517	2866561	1

*The following Prep Methods were performed:*

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	ES3	09/24/25	2000	2866560

*The following Analytical Methods were performed:*

Method	Description	Analyst Comments
1	EPA 200.8	

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## Certificate of Analysis

Company : 120Water  
Address : 250 South Elm St.  
Zionsville, Indiana 46077

Report Date: October 3, 2025

Contact: Justin Calhoun  
Project: **Virginia Department of Health**

Client Sample ID: 481279  
Sample ID: 743687007  
Matrix: Drinking Water (Potable)  
Collect Date: 04-SEP-25 07:35  
Receive Date: 08-SEP-25  
Collector: Client

Project: 120W00624  
Client ID: 120W002

Parameter	Qualifier	Result	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
<b>Metals Analysis-ICP-MS</b>											
<i>Lead, Total "As Received"</i>											
Lead	<	2.00	2.00	ug/L	1.00	1	JD2	09/26/25	1518	2866561	1

*The following Prep Methods were performed:*

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	ES3	09/24/25	2000	2866560

*The following Analytical Methods were performed:*

Method	Description	Analyst Comments
1	EPA 200.8	

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## Certificate of Analysis

Company : 120Water  
Address : 250 South Elm St.  
Zionsville, Indiana 46077

Report Date: October 3, 2025

Contact: Justin Calhoun  
Project: **Virginia Department of Health**

Client Sample ID: 481280  
Sample ID: 743687008  
Matrix: Drinking Water (Potable)  
Collect Date: 04-SEP-25 07:36  
Receive Date: 08-SEP-25  
Collector: Client

Project: 120W00624  
Client ID: 120W002

Parameter	Qualifier	Result	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
<b>Metals Analysis-ICP-MS</b>											
<i>Lead, Total "As Received"</i>											
Lead	<	2.00	2.00	ug/L	1.00	1	JD2	09/26/25	1519	2866561	1

*The following Prep Methods were performed:*

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	ES3	09/24/25	2000	2866560

*The following Analytical Methods were performed:*

Method	Description	Analyst Comments
1	EPA 200.8	

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## Certificate of Analysis

Company : 120Water  
Address : 250 South Elm St.  
Zionsville, Indiana 46077

Report Date: October 3, 2025

Contact: Justin Calhoun  
Project: **Virginia Department of Health**

Client Sample ID: 481281  
Sample ID: 743687009  
Matrix: Drinking Water (Potable)  
Collect Date: 04-SEP-25 07:32  
Receive Date: 08-SEP-25  
Collector: Client

Project: 120W00624  
Client ID: 120W002

Parameter	Qualifier	Result	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
<b>Metals Analysis-ICP-MS</b>											
<i>Lead, Total "As Received"</i>											
Lead		4.40	2.00	ug/L	1.00	1	JD2	09/26/25	1520	2866561	1

*The following Prep Methods were performed:*

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	ES3	09/24/25	2000	2866560

*The following Analytical Methods were performed:*

Method	Description	Analyst Comments
1	EPA 200.8	

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## Certificate of Analysis

Company : 120Water  
Address : 250 South Elm St.  
Zionsville, Indiana 46077

Report Date: October 3, 2025

Contact: Justin Calhoun  
Project: **Virginia Department of Health**

Client Sample ID: 481282      Project: 120W00624  
Sample ID: 743687010      Client ID: 120W002  
Matrix: Drinking Water (Potable)  
Collect Date: 04-SEP-25 07:33  
Receive Date: 08-SEP-25  
Collector: Client

Parameter	Qualifier	Result	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
<b>Metals Analysis-ICP-MS</b>											
<i>Lead, Total "As Received"</i>											
Lead	<	2.00	2.00	ug/L	1.00	1	JD2	09/26/25	1522	2866561	1

*The following Prep Methods were performed:*

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	ES3	09/24/25	2000	2866560

*The following Analytical Methods were performed:*

Method	Description	Analyst Comments
1	EPA 200.8	

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## Certificate of Analysis

Company : 120Water  
Address : 250 South Elm St.  
Zionsville, Indiana 46077

Report Date: October 3, 2025

Contact: Justin Calhoun  
Project: **Virginia Department of Health**

Client Sample ID: 481283  
Sample ID: 743687011  
Matrix: Drinking Water (Potable)  
Collect Date: 04-SEP-25 07:29  
Receive Date: 08-SEP-25  
Collector: Client

Project: 120W00624  
Client ID: 120W002

Parameter	Qualifier	Result	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
<b>Metals Analysis-ICP-MS</b>											
<i>Lead, Total "As Received"</i>											
Lead	<	2.00	2.00	ug/L	1.00	1	JD2	09/26/25	1523	2866561	1

*The following Prep Methods were performed:*

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	ES3	09/24/25	2000	2866560

*The following Analytical Methods were performed:*

Method	Description	Analyst Comments
1	EPA 200.8	

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## Certificate of Analysis

Company : 120Water  
Address : 250 South Elm St.  
Zionsville, Indiana 46077

Report Date: October 3, 2025

Contact: Justin Calhoun  
Project: **Virginia Department of Health**

Client Sample ID: 481284  
Sample ID: 743687012  
Matrix: Drinking Water (Potable)  
Collect Date: 04-SEP-25 07:30  
Receive Date: 08-SEP-25  
Collector: Client

Project: 120W00624  
Client ID: 120W002

Parameter	Qualifier	Result	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
<b>Metals Analysis-ICP-MS</b>											
<i>Lead, Total "As Received"</i>											
Lead	<	2.00	2.00	ug/L	1.00	1	JD2	09/29/25	1105	2866561	1

*The following Prep Methods were performed:*

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	ES3	09/24/25	2000	2866560

*The following Analytical Methods were performed:*

Method	Description	Analyst Comments
1	EPA 200.8	

# GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

## Certificate of Analysis

Company : 120Water  
Address : 250 South Elm St.  
Zionsville, Indiana 46077

Report Date: October 3, 2025

Contact: Justin Calhoun  
Project: **Virginia Department of Health**

Client Sample ID: 481285  
Sample ID: 743687013  
Matrix: Drinking Water (Potable)  
Collect Date: 04-SEP-25 07:30  
Receive Date: 08-SEP-25  
Collector: Client

Project: 120W00624  
Client ID: 120W002

Parameter	Qualifier	Result	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
<b>Metals Analysis-ICP-MS</b>											
<i>Lead, Total "As Received"</i>											
Lead	<	2.00	2.00	ug/L	1.00	1	JD2	09/26/25	1532	2866561	1

*The following Prep Methods were performed:*

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	ES3	09/24/25	2000	2866560

*The following Analytical Methods were performed:*

Method	Description	Analyst Comments
1	EPA 200.8	

# GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

## Certificate of Analysis

Company : 120Water  
Address : 250 South Elm St.  
Zionsville, Indiana 46077

Report Date: October 3, 2025

Contact: Justin Calhoun  
Project: **Virginia Department of Health**

Client Sample ID: 481286  
Sample ID: 743687014  
Matrix: Drinking Water (Potable)  
Collect Date: 04-SEP-25 07:31  
Receive Date: 08-SEP-25  
Collector: Client

Project: 120W00624  
Client ID: 120W002

Parameter	Qualifier	Result	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
<b>Metals Analysis-ICP-MS</b>											
<i>Lead, Total "As Received"</i>											
Lead	<	2.00	2.00	ug/L	1.00	1	JD2	09/26/25	1533	2866561	1

*The following Prep Methods were performed:*

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	ES3	09/24/25	2000	2866560

*The following Analytical Methods were performed:*

Method	Description	Analyst Comments
1	EPA 200.8	

# GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

## Certificate of Analysis

Company : 120Water  
Address : 250 South Elm St.  
Zionsville, Indiana 46077

Report Date: October 3, 2025

Contact: Justin Calhoun  
Project: **Virginia Department of Health**

Client Sample ID: 481287  
Sample ID: 743687015  
Matrix: Drinking Water (Potable)  
Collect Date: 04-SEP-25 07:25  
Receive Date: 08-SEP-25  
Collector: Client

Project: 120W00624  
Client ID: 120W002

Parameter	Qualifier	Result	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
<b>Metals Analysis-ICP-MS</b>											
<i>Lead, Total "As Received"</i>											
Lead	<	2.00	2.00	ug/L	1.00	1	JD2	09/26/25	1534	2866561	1

*The following Prep Methods were performed:*

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	ES3	09/24/25	2000	2866560

*The following Analytical Methods were performed:*

Method	Description	Analyst Comments
1	EPA 200.8	

# GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

## Certificate of Analysis

Company : 120Water  
Address : 250 South Elm St.  
Zionsville, Indiana 46077

Report Date: October 3, 2025

Contact: Justin Calhoun  
Project: **Virginia Department of Health**

Client Sample ID: 481288  
Sample ID: 743687016  
Matrix: Drinking Water (Potable)  
Collect Date: 04-SEP-25 07:26  
Receive Date: 08-SEP-25  
Collector: Client

Project: 120W00624  
Client ID: 120W002

Parameter	Qualifier	Result	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
<b>Metals Analysis-ICP-MS</b>											
<i>Lead, Total "As Received"</i>											
Lead	<	2.00	2.00	ug/L	1.00	1	JD2	09/26/25	1536	2866561	1

*The following Prep Methods were performed:*

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	ES3	09/24/25	2000	2866560

*The following Analytical Methods were performed:*

Method	Description	Analyst Comments
1	EPA 200.8	

# GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

## Certificate of Analysis

Company : 120Water  
Address : 250 South Elm St.  
Zionsville, Indiana 46077

Report Date: October 3, 2025

Contact: Justin Calhoun  
Project: **Virginia Department of Health**

Client Sample ID: 481289  
Sample ID: 743687017  
Matrix: Drinking Water (Potable)  
Collect Date: 04-SEP-25 07:26  
Receive Date: 08-SEP-25  
Collector: Client

Project: 120W00624  
Client ID: 120W002

Parameter	Qualifier	Result	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
<b>Metals Analysis-ICP-MS</b>											
<i>Lead, Total "As Received"</i>											
Lead	<	2.00	2.00	ug/L	1.00	1	JD2	09/26/25	1537	2866561	1

*The following Prep Methods were performed:*

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	ES3	09/24/25	2000	2866560

*The following Analytical Methods were performed:*

Method	Description	Analyst Comments
1	EPA 200.8	

# GEL LABORATORIES LLC

2040 Savage Road Charleston SC 29407 - (843) 556-8171 - www.gel.com

## Certificate of Analysis

Company : 120Water  
Address : 250 South Elm St.  
Zionsville, Indiana 46077

Report Date: October 3, 2025

Contact: Justin Calhoun  
Project: **Virginia Department of Health**

Client Sample ID: 481290  
Sample ID: 743687018  
Matrix: Drinking Water (Potable)  
Collect Date: 04-SEP-25 07:27  
Receive Date: 08-SEP-25  
Collector: Client

Project: 120W00624  
Client ID: 120W002

Parameter	Qualifier	Result	RL	Units	PF	DF	Analyst	Date	Time	Batch	Method
<b>Metals Analysis-ICP-MS</b>											
<i>Lead, Total "As Received"</i>											
Lead	<	2.00	2.00	ug/L	1.00	1	JD2	09/26/25	1538	2866561	1

*The following Prep Methods were performed:*

Method	Description	Analyst	Date	Time	Prep Batch
EPA 200.2	ICP-MS 200.2 PREP	ES3	09/24/25	2000	2866560

*The following Analytical Methods were performed:*

Method	Description	Analyst Comments
1	EPA 200.8	

# GEL LABORATORIES LLC

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## QC Summary

Report Date: October 3, 2025

Page 1 of 3

**120Water**  
**250 South Elm St.**  
**Zionsville, Indiana**  
**Contact: Justin Calhoun**

**Workorder: 743687**

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
<b>Metals Analysis - ICPMS</b>											
Batch	2866561										
QC1206239944	743687002	DUP									
Lead	U	ND	U	ND	ug/L	N/A			JD2	09/26/25	15:06
QC1206239947	743687011	DUP									
Lead	J	1.69	J	1.72	ug/L	2.29	^	(+/-2.00)		09/26/25	15:24
QC1206239943	LCS										
Lead	50.0			51.7	ug/L			103 (85%-115%)		09/26/25	15:04
QC1206239942	MB										
Lead			U	ND	ug/L					09/26/25	15:03
QC1206239945	743687002	MS									
Lead	50.0	U	ND	51.6	ug/L			103 (75%-125%)		09/26/25	15:08
QC1206239948	743687011	MS									
Lead	50.0	J	1.69	53.1	ug/L			103 (75%-125%)		09/26/25	15:25
QC1206239946	743687002	SDILT									
Lead	U	ND	U	ND	ug/L	N/A		(0%-10%)		09/26/25	15:09
QC1206239949	743687011	SDILT									
Lead	J	1.69	U	ND	ug/L	N/A		(0%-10%)		09/26/25	15:27
Batch	2869647										
QC1206246465	743687001	DUP									
Lead	J	1.11	J	1.10	ug/L	0.453	^	(+/-2.00)	JD2	09/30/25	11:40

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## QC Summary

Workorder: 743687

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Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
<b>Metals Analysis - ICPMS</b>											
Batch	2869647										
QC1206246464	LCS										
Lead	50.0			51.1	ug/L		102	(85%-115%)	JD2	09/30/25	11:37
QC1206246463	MB										
Lead			U	ND	ug/L					09/30/25	11:48
QC1206246466	743687001 MS										
Lead	50.0	J	1.11	52.9	ug/L		104	(75%-125%)		09/30/25	11:41
QC1206246467	743687001 SDILT										
Lead		J	1.11	U	ND	ug/L	N/A	(0%-10%)		09/30/25	11:43

**Notes:**

The Qualifiers in this report are defined as follows:

- U Analyte was analyzed for, but not detected above the MDL, MDA, MDC or LOD.
- J Value is estimated
- X Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- N Metals--The Matrix spike sample recovery is not within specified control limits
- H Analytical holding time was exceeded
- < Result is less than value reported
- > Result is greater than value reported
- h Preparation or preservation holding time was exceeded
- R Sample results are rejected
- ^ RPD of sample and duplicate evaluated using +/-RL. Concentrations are <5X the RL. Qualifier Not Applicable for Radiochemistry.
- N/A RPD or %Recovery limits do not apply.
- ND Analyte concentration is not detected above the detection limit
- E %difference of sample and SD is >10%. Sample concentration must meet flagging criteria
- NJ Consult Case Narrative, Data Summary package, or Project Manager concerning this qualifier
- Q One or more quality control criteria have not been met. Refer to the applicable narrative or DER.
- FB Mercury was found present at quantifiable concentrations in field blanks received with these samples. Data associated with the blank are deemed invalid for reporting to regulatory agencies
- N1 See case narrative
- Y Other specific qualifiers were required to properly define the results. Consult case narrative.
- x Subaliquot was taken. See Case Narrative for details.

# GEL LABORATORIES LLC

2040 Savage Road Charleston, SC 29407 - (843) 556-8171 - www.gel.com

## QC Summary

Workorder: 743687

Page 3 of 3

Parmname	NOM	Sample	Qual	QC	Units	RPD/D%	REC%	Range	Anlst	Date	Time
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N/A indicates that spike recovery limits do not apply when sample concentration exceeds spike conc. by a factor of 4 or more or %RPD not applicable.

^ The Relative Percent Difference (RPD) obtained from the sample duplicate (DUP) is evaluated against the acceptance criteria when the sample is greater than five times (5X) the contract required detection limit (RL). In cases where either the sample or duplicate value is less than 5X the RL, a control limit of +/- the RL is used to evaluate the DUP result.

\* Indicates that a Quality Control parameter was not within specifications.

For PS, PSD, and SDILT results, the values listed are the measured amounts, not final concentrations.

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless qualified on the QC Summary.

743687

# Chain of Custody

**Chain of Custody (CoC) Instructions:** The CoC is an official record that accounts for your water samples and must be filled out. You can either collect samples with your 120Water account or by using this form. If you collect samples within your 120Water account, simply fill out section 1 and use return to lab shipping label included in kit and drop kit off at post office. If you use this form to collect samples, fill out both sections 1 and 2, make sure to write down the time you collected each sample and then use return to lab shipping label included in kit and drop kit off at post office. Have questions? Call **800.674.7961** or email **sampling@120water.com**

Facility Name: Big Stone Gap Center

Facility ID: 12083

Sample Event ID: 12737

Account ID: 4394

## SECTION 1 MUST BE COMPLETED (even if you collect samples with your 120Water account)

Sampling Date (MM/DD/YYYY): 09.04.2025	Sample Collector's Email: tgentry@kidscentralinc.com
Sample Collector(s) Name (s) (Please Print): Terry Gentry	Sample Collector's Phone: 276-679-0514 ext. 114
Sample Collector(s) Signature: <i>Terry Gentry</i>	When was water last used in the building? DATE: 9.3.25 TIME: 4:00pm

Did you collect samples within your 120Water account?  YES  NO, I will use this form

\*\*\*\*\*

## SECTION 2 (NEXT PAGE) MUST BE COMPLETED IF YOU USE THIS FORM TO COLLECT SAMPLES

*If you use this form to collect samples (instead of collecting within the 120Water platform) you must write the time each sample was collected in Section 2.*

### Lab Use Only

RECEIVED IN LAB BY: <i>Onita Williams</i>	DATE: 9/8/25	TIME: 1005	Matrix: DW-Lead
WORK ORDER:	Lab Reporting: Email EDD to results@120water.com		Analyte: Total Lead
			Sample Type: Grab

Section 2 (Starting Here) Must be Completed if you use this Form to Collect Samples - Facility Code: CDC

Sample Code	Fixture Code	Sample Type	Location	Location Description	Fixture Type	Time Sample Collected	Notes
481287	BSGEHS10 8	Initial	Classroom sink located between rooms	Sink shared between both classrooms	Faucet, Cold	7:25am	
481288	BSGEHS10 8	Flush	Classroom sink located between rooms	Sink shared between both classrooms	Faucet, Cold	7:26	
481289	BSGEHS10 9	Initial	Shared bathroom	Sink located in shared bathroom	Faucet, Cold	7:26	
481290	BSGEHS10 9	Flush	Shared bathroom	Sink located in shared bathroom	Faucet, Cold	7:27	
481283	BSGEHS1 Diaper10 6	Initial	BSG EHS 1 Classroom Diaper Changing Area	Sink at diaper changing table	Faucet, Cold	7:29	
481284	BSGEHS1 Diaper10 6	Flush	BSG EHS 1 Classroom Diaper Changing Area	Sink at diaper changing table	Faucet, Cold	7:30	
481285	BSGEHS2 Diaper10 7	Initial	BSG EHS 2 Diaper Changing Area	Sink at diaper changing table	Faucet, Cold	7:30	
481286	BSGEHS2 Diaper10 7	Flush	BSG EHS 2 Diaper Changing Area	Sink at diaper changing table	Faucet, Cold	7:31	
481281	BSGHallBa throom10 5	Initial	Hallway	Bathroom sink	Faucet, Cold	7:32	

Section 2 (Starting Here) Must be Completed if you use this Form to Collect Samples - Facility Code: CDC

Sample Code	Fixture Code	Sample Type	Location	Location Description	Fixture Type	Time Sample Collected	Notes
481282	BSGHallBathroom105	Flush	Hallway	Bathroom sink	Faucet, Cold	7:33	
481277	BSGKitchen103	Initial	Kitchen sink Faucet	Kitchen	Faucet, Cold	7:33	
481278	BSGKitchen103	Flush	Kitchen sink Faucet	Kitchen	Faucet, Cold	7:34	
481279	BSGKitchen104	Initial	Kitchen	Handwashing Sink in kitchen	Faucet, Cold	7:35	
481280	BSGKitchen104	Flush	Kitchen	Handwashing Sink in kitchen	Faucet, Cold	7:36	
481273	Grossmotor101	Initial	Classroom	Sink located in classroom	Faucet, Cold	7:37	
481274	Grossmotor101	Flush	Classroom	Sink located in classroom	Faucet, Cold	7:38	
481275	Grossmotor102	Initial	Bathroom	Sink in bathroom	Faucet, Cold	7:38	
481276	Grossmotor102	Flush	Bathroom	Sink in bathroom	Faucet, Cold	7:39	

743687

74374  
743678

743672  
743676

743680  
743682

GEL Laboratories LLC

SAMPLE RECEIPT & REVIEW FORM 743480

Client: 120W SDG/AR/COC/Work Order: GEL PM: AP

Received By: AW Date Received at GEL: 9-8-25

Carrier (Circle Applicable) FedEx Express FedEx Ground UPS Field Services Courier Client Other: IR Temp gun # IR3-25 Daily Calibration Performed: Y/N

Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).	Tracking Number	Temp (C)	If over 6 °C, check if samples do not require cold preservation (ie radiochem only).
USPS	23	✓			

**Suspected Hazard Information**

\*If Net Counts > 100cpm on samples not marked "radioactive", contact the Radiation Safety Group for further investigation.

A) Shipped as a DOT Hazardous?  Yes  No Hazard Class Shipped: UN#: If UN2910, Is the Radioactive Shipment Survey Compliant? Yes \_\_\_ No \_\_\_

B) Did the client designate the samples are to be received as radioactive?  Yes  No COC notation or radioactive stickers on containers equal client designation.

C) Did the RSO classify the samples as radioactive?  Yes  No Maximum Net Counts Observed\* (Observed Counts - Area Background Counts): Classified as: Rad 1 Rad 2 Rad 3 CPM mR/Hr

D) Are there any sample hazards to document?  Yes  No If yes, select Hazards below. PCBs Flammable Foreign Soil RCRA Asbestos Beryllium Corrosive Other: \_\_\_\_\_

E) Was a SDS received and reviewed by Lab Safety?  Yes  No Circle Applicable: See additional Comments below. No additional comments needed after review.

Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (Required for Non-Conforming Items)
1 Shipping containers received intact and sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Circle Applicable: Direct client dropoff Seals broken Damaged container Leaking container Other (describe)
2 Chain of custody documents included with shipment?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Circle Applicable: Client contacted and provided COC COC created upon receipt
3 If there are samples requiring cold preservation, did they arrive within (0 < 6 °C)?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Preservation Method: Wet Ice Ice Packs Dry Ice <u>None</u> Other: *all temperatures recorded next to tracking numbers are in Celcius
4 Sample containers intact and sealed?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Circle Applicable: Seals broken Damaged container Leaking container Other (describe)
5 Samples requiring chemical preservation at proper pH?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Preserved per COC request or list Sample IDs and Containers Affected: If Preservation added, Lot#: 250721BP
6 Do any samples require Volatile Analysis? (If yes, answer all three additional questions.)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	If Yes, are Encores or Soil Kits present? Yes ___ No ___ (If yes, take to VOA Freezer) Do liquid VOA vials contain acid preservation? Yes ___ No ___ NA ___ (If unknown, select No) Are liquid VOA vials free of headspace? Yes ___ No ___ NA ___ Sample IDs and containers affected:
7 Samples received within holding time?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	IDs and tests affected:
8 Sample IDs on COC match IDs on bottles?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	IDs and containers affected:
9 Date & time on COC match date & time on bottles?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Circle Applicable: No dates on containers No times on containers COC missing info Other (describe)
10 Number of containers received match number indicated on COC?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Circle Applicable: No container count on COC Missing Container (provide details) Other (describe)
11 Are sample containers identifiable as GEL provided by use of GEL labels?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
12 COC form is properly signed in relinquished/received sections?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Circle Applicable: Not relinquished Other (describe)

Comments:

PM (or PMA) review: Initials km Date 9/19/25

Continuation Form Required when selected

**Metals**  
**Technical Case Narrative**  
**120 Water Inc.**  
**SDG #: 743687**

**Product:** Determination of Metals by ICP-MS

**Analytical Method:** EPA 200.8

**Analytical Procedure:** GL-MA-E-014 REV# 37

**Analytical Batch:** 2866561

**Preparation Method:** EPA 200.2

**Preparation Procedure:** GL-MA-E-016 REV# 19

**Preparation Batch:** 2866560

The following samples were analyzed using the above methods and analytical procedure(s).

<b><u>GEL Sample ID#</u></b>	<b><u>Client Sample Identification</u></b>
743687002	481274
743687003	481275
743687004	481276
743687005	481277
743687006	481278
743687007	481279
743687008	481280
743687009	481281
743687010	481282
743687011	481283
743687012	481284
743687013	481285
743687014	481286
743687015	481287
743687016	481288
743687017	481289
743687018	481290
1206239942	Method Blank (MB)ICP-MS
1206239943	Laboratory Control Sample (LCS)
1206239946	743687002(481274L) Serial Dilution (SD)
1206239949	743687011(481283L) Serial Dilution (SD)
1206239944	743687002(481274D) Sample Duplicate (DUP)
1206239947	743687011(481283D) Sample Duplicate (DUP)
1206239945	743687002(481274S) Matrix Spike (MS)
1206239948	743687011(481283S) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

**Data Summary:**

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

**Calibration Information**

**ICSA/ICSAB Statement**

For the ICP-MS analysis, the ICSA solution contains analyte concentrations which are verified trace impurities indigenous to the purchased standard.

### **Miscellaneous Information**

#### **Additional Comments**

Turbidity measurement was recorded as less than 1 NTU, indicating that digestion was not required per method specifications. As such, digestion was not performed. All relevant data has been documented within the preparation batch record to support analysis

#### **Product: Determination of Metals by ICP-MS**

**Analytical Method:** EPA 200.8

**Analytical Procedure:** GL-MA-E-014 REV# 37

**Analytical Batch:** 2869647

**Preparation Method:** EPA 200.2

**Preparation Procedure:** GL-MA-E-016 REV# 19

**Preparation Batch:** 2869646

The following samples were analyzed using the above methods and analytical procedure(s).

<b><u>GEL Sample ID#</u></b>	<b><u>Client Sample Identification</u></b>
743687001	481273
1206246463	Method Blank (MB)ICP-MS
1206246464	Laboratory Control Sample (LCS)
1206246467	743687001(481273L) Serial Dilution (SD)
1206246465	743687001(481273D) Sample Duplicate (DUP)
1206246466	743687001(481273S) Matrix Spike (MS)

The samples in this SDG were analyzed on an "as received" basis.

#### **Data Summary:**

All sample data provided in this report met the acceptance criteria specified in the analytical methods and procedures for initial calibration, continuing calibration, instrument controls and process controls where applicable, with the following exceptions.

#### **Calibration Information**

#### **ICSA/ICSAB Statement**

For the ICP-MS analysis, the ICSA solution contains analyte concentrations which are verified trace impurities indigenous to the purchased standard.

#### **Certification Statement**

Where the analytical method has been performed under NELAP certification, the analysis has met all of the requirements of the NELAC standard unless otherwise noted in the analytical case narrative.

**List of current GEL Certifications as of 03 October 2025**

<b>State</b>	<b>Certification</b>
Alabama	42200
Alaska	17-018
Alaska Drinking Water	SC00012
Arkansas	88-00651
CLIA	42D0904046
California	2940
Colorado	SC00012
Connecticut	PH-0169
DoD ELAP/ ISO17025 A2LA	2567.01
Florida NELAP	E87156
Foreign Soils Permit	525-24-281-19660
Georgia	SC00012
Georgia SDWA	967
Hawaii	SC00012
Idaho	SC00012
Illinois NELAP	200029
Indiana	C-SC-01
Kansas NELAP	E-10332
Kentucky SDWA	KY90129
Kentucky Wastewater	KY90129
Louisiana Drinking Water	LA024
Louisiana NELAP	03046 (AI33904)
Maine	2023019
Maryland	270
Massachusetts	M-SC012
Massachusetts PFAS Approval	Letter
Michigan	9976
Mississippi	SC00012
Nebraska	NE-OS-26-13
Nevada	NV-C24-00175
New Hampshire NELAP	205424
New Jersey NELAP	SC002
New Mexico	SC00012
New York NELAP	11501
North Carolina	233
North Carolina SDWA	45709
North Dakota	R-158
Oklahoma	2023-152
Pennsylvania NELAP	68-00485
Puerto Rico	SC00012
S. Carolina Radiochem	10120002
Sanitation Districts of LA	9255651
South Carolina Chemistry	10120001
Tennessee	TN 02934
Texas NELAP	T104704235
Utah NELAP	SC000122024-45
Vermont	VT87156
Virginia NELAP	460202
Washington	C780