

## LAB CHRONICLE

<b>OrderID:</b>	Q3061	<b>OrderDate:</b>	9/9/2025 3:36:00 PM
<b>Client:</b>	CHA Companies, Inc.	<b>Project:</b>	NYSOMH Emergency Service
<b>Contact:</b>	Carrie Robinson	<b>Location:</b>	J12

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3061-01	B2-W16-RM4080-SIN K	Water	Residual Chlorine	SM4500 CI G	09/09/25 08:53		09/10/25 11:27	09/09/25
			Turbidity	SM2130 B			09/10/25 13:00	
Q3061-02	B2-W16-RM4056-SIN K	Water	Residual Chlorine	SM4500 CI G	09/09/25 09:07		09/10/25 11:40	09/09/25
			Turbidity	SM2130 B			09/10/25 13:07	
Q3061-03	B2-W16-RM4057-RHS INK	Water	Residual Chlorine	SM4500 CI G	09/09/25 09:12		09/10/25 11:43	09/09/25
			Turbidity	SM2130 B			09/10/25 13:10	
Q3061-04	B2-W16-LHDrinking Fountain	Water	Residual Chlorine	SM4500 CI G	09/09/25 09:15		09/10/25 11:52	09/09/25
			Turbidity	SM2130 B			09/10/25 13:14	
Q3061-05	B2-W16-RM4065-Eye wash	Water	Residual Chlorine	SM4500 CI G	09/09/25 09:22		09/10/25 11:55	09/09/25

### LAB CHRONICLE

Q3061-06	B2-W16-RM4088-SIN K	Water	Turbidity	SM2130 B		09/10/25 13:20	09/09/25 08:56	09/09/25
			Residual Chlorine	SM4500 Cl G		09/10/25 11:58		
			Turbidity	SM2130 B		09/10/25 13:24		
Q3061-07	B2-W16-RM4075-SIN K	Water					09/09/25 09:02	09/09/25
			Residual Chlorine	SM4500 Cl G		09/10/25 12:01		
			Turbidity	SM2130 B		09/10/25 13:36		



# SAMPLE DATA

A

B

C

D

## Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	09/09/25 08:53
Project:	NYSOMH Emergency Service	Date Received:	09/09/25
Client Sample ID:	B2-W16-RM4080-SINK	SDG No.:	Q3061
Lab Sample ID:	Q3061-01	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.093	HJ	1	0.023	0.10	mg/L		09/10/25 11:27	SM 4500-Cl G-11
Turbidity	0.38	J	1	0.15	1.00	NTU		09/10/25 13:00	SM 2130 B-20

Comments: \_\_\_\_\_

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

H = Sample Analysis Out Of Hold Time

J = Estimated Value

B = Analyte Found in Associated Method Blank

\* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits

## Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	09/09/25 09:07
Project:	NYSOMH Emergency Service	Date Received:	09/09/25
Client Sample ID:	B2-W16-RM4056-SINK	SDG No.:	Q3061
Lab Sample ID:	Q3061-02	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.052	HJ	1	0.023	0.10	mg/L		09/10/25 11:40	SM 4500-Cl G-11
Turbidity	0.56	J	1	0.15	1.00	NTU		09/10/25 13:07	SM 2130 B-20

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## Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	09/09/25 09:12
Project:	NYSOMH Emergency Service	Date Received:	09/09/25
Client Sample ID:	B2-W16-RM4057-RHSINK	SDG No.:	Q3061
Lab Sample ID:	Q3061-03	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.032	HJ	1	0.023	0.10	mg/L		09/10/25 11:43	SM 4500-Cl G-11
Turbidity	0.31	J	1	0.15	1.00	NTU		09/10/25 13:10	SM 2130 B-20

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## Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	09/09/25 09:15
Project:	NYSOMH Emergency Service	Date Received:	09/09/25
Client Sample ID:	B2-W16-LHDrinking Fountain	SDG No.:	Q3061
Lab Sample ID:	Q3061-04	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.073	HJ	1	0.023	0.10	mg/L		09/10/25 11:52	SM 4500-Cl G-11
Turbidity	1.76		1	0.15	1.00	NTU		09/10/25 13:14	SM 2130 B-20

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## Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	09/09/25 09:22
Project:	NYSOMH Emergency Service	Date Received:	09/09/25
Client Sample ID:	B2-W16-RM4065-Eyewash	SDG No.:	Q3061
Lab Sample ID:	Q3061-05	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.023	HU	1	0.023	0.10	mg/L		09/10/25 11:55	SM 4500-Cl G-11
Turbidity	0.40	J	1	0.15	1.00	NTU		09/10/25 13:20	SM 2130 B-20

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## Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	09/09/25 08:56
Project:	NYSOMH Emergency Service	Date Received:	09/09/25
Client Sample ID:	B2-W16-RM4088-SINK	SDG No.:	Q3061
Lab Sample ID:	Q3061-06	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.042	HJ	1	0.023	0.10	mg/L		09/10/25 11:58	SM 4500-Cl G-11
Turbidity	2.01		1	0.15	1.00	NTU		09/10/25 13:24	SM 2130 B-20

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## Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	09/09/25 09:02
Project:	NYSOMH Emergency Service	Date Received:	09/09/25
Client Sample ID:	B2-W16-RM4075-SINK	SDG No.:	Q3061
Lab Sample ID:	Q3061-07	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.032	HJ	1	0.023	0.10	mg/L		09/10/25 12:01	SM 4500-Cl G-11
Turbidity	0.35	J	1	0.15	1.00	NTU		09/10/25 13:36	SM 2130 B-20

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H = Sample Analysis Out Of Hold Time

J = Estimated Value

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# QC RESULT SUMMARY

## Initial and Continuing Calibration Verification

**Client:** CHA Companies, Inc.

**SDG No.:** Q3061

**Project:** NYSOMH Emergency Service

**RunNo.:** LB137137

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: <b>ICV</b> Residual Chlorine	mg/L	0.429	0.4	107	90-110	09/10/2025
Sample ID: <b>CCV1</b> Residual Chlorine	mg/L	0.398	0.4	100	90-110	09/10/2025
Sample ID: <b>CCV2</b> Residual Chlorine	mg/L	0.398	0.4	100	90-110	09/10/2025
Sample ID: <b>CCV3</b> Residual Chlorine	mg/L	0.408	0.4	102	90-110	09/10/2025

## Initial and Continuing Calibration Verification

**Client:** CHA Companies, Inc.

**SDG No.:** Q3061

**Project:** NYSOMH Emergency Service

**RunNo.:** LB137138

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Turbidity	ICV	NTU	10.564	10	106	90-110	09/10/2025
Sample ID: Turbidity	CCV1	NTU	10.189	10	102	90-110	09/10/2025
Sample ID: Turbidity	CCV2	NTU	10.564	10	106	90-110	09/10/2025
Sample ID: Turbidity	CCV3	NTU	10.877	10	109	90-110	09/10/2025

### Initial and Continuing Calibration Blank Summary

**Client:** CHA Companies, Inc.

**SDG No.:** Q3061

**Project:** NYSOMH Emergency Service

**RunNo.:** LB137137

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: <b>ICB</b> Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	09/10/2025
Sample ID: <b>CCB1</b> Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	09/10/2025
Sample ID: <b>CCB2</b> Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	09/10/2025
Sample ID: <b>CCB3</b> Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	09/10/2025

### Initial and Continuing Calibration Blank Summary

**Client:** CHA Companies, Inc.

**SDG No.:** Q3061

**Project:** NYSOMH Emergency Service

**RunNo.:** LB137138

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: <b>ICB</b> Turbidity	NTU	< 0.5000	0.5000	U	0.15	1.0	09/10/2025
Sample ID: <b>CCB1</b> Turbidity	NTU	< 0.5000	0.5000	U	0.15	1	09/10/2025
Sample ID: <b>CCB2</b> Turbidity	NTU	< 0.5000	0.5000	U	0.15	1	09/10/2025
Sample ID: <b>CCB3</b> Turbidity	NTU	< 0.5000	0.5000	U	0.15	1	09/10/2025

### Preparation Blank Summary

**Client:** CHA Companies, Inc.

**SDG No.:** Q3061

**Project:** NYSOMH Emergency Service

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: <b>LB137137BL</b>							
Residual Chlorine	mg/L	< 0.0500	0.0500	U	0.023	0.1	09/10/2025
Sample ID: <b>LB137138BL</b>							
Turbidity	NTU	< 0.5000	0.5000	U	0.15	1.0	09/10/2025



## Matrix Spike Summary

<b>Client:</b>	CHA Companies, Inc.	<b>SDG No.:</b>	Q3061
<b>Project:</b>	NYSOMH Emergency Service	<b>Sample ID:</b>	Q3061-01
<b>Client ID:</b>	B2-W16-RM4080-SINKMS	<b>Percent Solids for Spike Sample:</b>	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Residual Chlorine	mg/L	71-148	0.44		0.093	J	0.4	1	86		09/10/2025

### Matrix Spike Summary

<b>Client:</b>	CHA Companies, Inc.	<b>SDG No.:</b>	Q3061
<b>Project:</b>	NYSOMH Emergency Service	<b>Sample ID:</b>	Q3061-01
<b>Client ID:</b>	B2-W16-RM4080-SINKMSD	<b>Percent Solids for Spike Sample:</b>	0

Analyte	Units	Acceptance Limit %R	Spiked Result	Conc. Qualifier	Sample Result	Conc. Qualifier	Spike Added	Dilution Factor	% Rec	Qual	Analysis Date
Residual Chlorine	mg/L	71-148	0.43		0.093	J	0.4	1	84		09/10/2025

## Duplicate Sample Summary

<b>Client:</b>	CHA Companies, Inc.	<b>SDG No.:</b>	Q3061
<b>Project:</b>	NYSOMH Emergency Service	<b>Sample ID:</b>	Q3061-01
<b>Client ID:</b>	B2-W16-RM4080-SINKDUP	<b>Percent Solids for Spike Sample:</b>	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/AD	Qual	Analysis Date
Residual Chlorine	mg/L	+/-20	0.093	J	0.093	J	1	0		09/10/2025
Turbidity	NTU	+/-20	0.38	J	0.38	J	1	1.31		09/10/2025

## Duplicate Sample Summary

<b>Client:</b>	CHA Companies, Inc.	<b>SDG No.:</b>	Q3061
<b>Project:</b>	NYSOMH Emergency Service	<b>Sample ID:</b>	Q3061-01
<b>Client ID:</b>	B2-W16-RM4080-SINKMSD	<b>Percent Solids for Spike Sample:</b>	0

Analyte	Units	Acceptance Limit	Sample Result	Conc. Qualifier	Duplicate Result	Conc. Qualifier	Dilution Factor	RPD/ AD	Qual	Analysis Date
Residual Chlorine	mg/L	+/-20	0.44		0.43		1	2.3		09/10/2025

### Laboratory Control Sample Summary

**Client:** CHA Companies, Inc.

**SDG No.:** Q3061

**Project:** NYSOMH Emergency Service

**Run No.:** LB137137

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB137137BS							
Residual Chlorine	mg/L	0.4	0.42		105	1	90-110	09/10/2025