

DATA PACKAGE

GENERAL CHEMISTRY

PROJECT NAME : NYSOMH EMERGENCY SERVICE

CHA COMPANIES, INC.

III Winners Circle

P.O. Box 5269

Albany, NY - 12205-0269

Phone No: 518-453-4500

ORDER ID : Q3841

ATTENTION : Carrie Robinson



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q3841

Project ID : NYSOMH Emergency Service

Client : CHA Companies, Inc.

Lab Sample Number

Q3841-01
Q3841-02
Q3841-03
Q3841-04
Q3841-05
Q3841-06
Q3841-07

Client Sample Number

B2-W14-RM3088-SINK
B2-W14-RM3075-SINK
B2-W14-LHDF
B2-W14-RM3055-RH-SINK
B2-W14-EW
B2-W14-RM3056-SINK
B2-W14-RM3073-SINK

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

Date: 12/15/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

CASE NARRATIVE

CHA Companies, Inc.

Project Name: NYSOMH Emergency Service

Project # N/A

Order ID # Q3841

Test Name: Residual Chlorine, Turbidity

A. Number of Samples and Date of Receipt:

7 Water samples were received on 12/11/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Residual Chlorine, Turbidity. This data package contains results for Residual Chlorine, Turbidity.

C. Analytical Techniques:

The analysis of Turbidity was based on method SM2130 B and The analysis of Residual Chlorine was based on method SM4500 Cl G.

D. QA/ QC Samples:

The Holding Times were met for all samples except for B2-W14-EW of Residual Chlorine, for B2-W14-LHDF of Residual Chlorine, for B2-W14-RM3055-RH-SINK of Residual Chlorine, for B2-W14-RM3056-SINK of Residual Chlorine, for B2-W14-RM3073-SINK of Residual Chlorine, for B2-W14-RM3075-SINK of Residual Chlorine and for B2-W14-RM3088-SINK of Residual Chlorine as samples were receive out of holding time.

The Blank Spike met requirements for all compounds.

The Duplicate analysis met criteria for all compounds.

The Matrix Spike analysis met criteria for all compounds.

The Matrix Spike Duplicate analysis met criteria for all compounds.

The Blank analysis did not indicate the presence of lab contamination.

The Calibration met the requirements.

E. Additional Comments:

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature_____

DATA REPORTING QUALIFIERS- INORGANIC

For reporting results, the following “ Results Qualifiers” are used:

J	Indicates the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL), but greater than or equal to the Instrument Detection Limit (IDL).
U	Indicates the analyte was analyzed for, but not detected.
ND	Indicates the analyte was analyzed for, but not detected
E	Indicates the reported value is estimated because of the presence of interference
M	Indicates Duplicate injection precision not met.
N	Indicates the spiked sample recovery is not within control limits.
S	Indicates the reported value was determined by the Method of Standard Addition (MSA).
*	Indicates that the duplicate analysis is not within control limits.
+	Indicates the correlation coefficient for the MSA is less than 0.995.
D	Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.
M	Method qualifiers “P” for ICP instrument “PM” for ICP when Microwave Digestion is used “CV” for Manual Cold Vapor AA “AV” for automated Cold Vapor AA “CA” for MIDI-Distillation Spectrophotometric “AS” for Semi -Automated Spectrophotometric “C” for Manual Spectrophotometric “T” for Titrimetric “NR” for analyte not required to be analyzed
OR	Indicates the analyte’s concentration exceeds the calibrated range of the instrument for that specific analysis.
Q	Indicates the LCS did not meet the control limits requirements
H	Sample Analysis Out Of Hold Time

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q3841

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 12/15/2025



SAMPLE DATA

Report of Analysis

Client: CHA Companies, Inc.
Project: NYSOMH Emergency Service
Client Sample ID: B2-W14-RM3088-SINK
Lab Sample ID: Q3841-01

Date Collected: 12/11/25 09:40
Date Received: 12/11/25
SDG No.: Q3841
Matrix: Water
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.15	H	1	0.023	0.10	mg/L		12/11/25 16:26	SM 4500-Cl G-11
Turbidity	0.90	J	1	0.15	1.00	NTU		12/12/25 10:03	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.
Project: NYSOMH Emergency Service
Client Sample ID: B2-W14-RM3075-SINK
Lab Sample ID: Q3841-02

Date Collected: 12/11/25 09:45
Date Received: 12/11/25
SDG No.: Q3841
Matrix: Water
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.20	H	1	0.023	0.10	mg/L		12/11/25 16:38	SM 4500-Cl G-11
Turbidity	1.00	J	1	0.15	1.00	NTU		12/12/25 10:06	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.
Project: NYSOMH Emergency Service
Client Sample ID: B2-W14-LHDF
Lab Sample ID: Q3841-03

Date Collected: 12/11/25 09:50
Date Received: 12/11/25
SDG No.: Q3841
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		12/11/25 16:41	SM 4500-Cl G-11
Turbidity	1.48		1	0.15	1.00	NTU		12/12/25 10:09	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.
Project: NYSOMH Emergency Service
Client Sample ID: B2-W14-RM3055-RH-SINK
Lab Sample ID: Q3841-04

Date Collected: 12/11/25 09:55
Date Received: 12/11/25
SDG No.: Q3841
Matrix: Water
% Solid: 0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.041	HJ	1	0.023	0.10	mg/L		12/11/25 16:44	SM 4500-Cl G-11
Turbidity	0.53	J	1	0.15	1.00	NTU		12/12/25 10:12	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.
Project: NYSOMH Emergency Service
Client Sample ID: B2-W14-EW
Lab Sample ID: Q3841-05

Date Collected: 12/11/25 10:05
Date Received: 12/11/25
SDG No.: Q3841
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		12/11/25 16:47	SM 4500-Cl G-11
Turbidity	0.65	J	1	0.15	1.00	NTU		12/12/25 10:15	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.
Project: NYSOMH Emergency Service
Client Sample ID: B2-W14-RM3056-SINK
Lab Sample ID: Q3841-06

Date Collected: 12/11/25 10:10
Date Received: 12/11/25
SDG No.: Q3841
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		12/11/25 16:57	SM 4500-Cl G-11
Turbidity	0.44	J	1	0.15	1.00	NTU		12/12/25 10:18	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.
Project: NYSOMH Emergency Service
Client Sample ID: B2-W14-RM3073-SINK
Lab Sample ID: Q3841-07

Date Collected: 12/11/25 10:15
Date Received: 12/11/25
SDG No.: Q3841
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		12/11/25 17:00	SM 4500-Cl G-11
Turbidity	0.43	J	1	0.15	1.00	NTU		12/12/25 10:21	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

LAB CHRONICLE

OrderID:	Q3841	OrderDate:	12/11/2025 2:15:00 PM
Client:	CHA Companies, Inc.	Project:	NYSOMH Emergency Service
Contact:	Carrie Robinson	Location:	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3841-01	B2-W14-RM3088-SIN K	Water	Residual Chlorine	SM4500 CI G	12/11/25 09:40		12/11/25 16:26	12/11/25
			Turbidity	SM2130 B			12/12/25 10:03	
Q3841-02	B2-W14-RM3075-SIN K	Water	Residual Chlorine	SM4500 CI G	12/11/25 09:45		12/11/25 16:38	12/11/25
			Turbidity	SM2130 B			12/12/25 10:06	
Q3841-03	B2-W14-LHDF	Water	Residual Chlorine	SM4500 CI G	12/11/25 09:50		12/11/25 16:41	12/11/25
			Turbidity	SM2130 B			12/12/25 10:09	
Q3841-04	B2-W14-RM3055-RH- SINK	Water	Residual Chlorine	SM4500 CI G	12/11/25 09:55		12/11/25 16:44	12/11/25
			Turbidity	SM2130 B			12/12/25 10:12	
Q3841-05	B2-W14-EW	Water	Residual Chlorine	SM4500 CI G	12/11/25 10:05		12/11/25 16:47	12/11/25

LAB CHRONICLE

Q3841-06	B2-W14-RM3056-SIN K	Water	Turbidity	SM2130 B	12/12/25 10:15	12/11/25 10:10	12/11/25
			Residual Chlorine	SM4500 Cl G	12/11/25 16:57		
			Turbidity	SM2130 B	12/12/25 10:18		
Q3841-07	B2-W14-RM3073-SIN K	Water	Turbidity	SM2130 B	12/12/25 10:21	12/11/25 10:15	12/11/25
			Residual Chlorine	SM4500 Cl G	12/11/25 17:00		
			Turbidity	SM2130 B	12/12/25 10:21		



SHIPPING DOCUMENTS

CHAIN OF CUSTODY RECORD

CLIENT INFORMATION

COMPANY: CHA Consulting
ADDRESS: 3 Winners Circle
CITY Albany STATE: NY ZIP: 12205
ATTENTION: Carrie Robinson
PHONE: 518-453-8703 FAX: _____

PROJECT INFORMATION

PROJECT NAME: NYSOMH Emergency Services
PROJECT #: 103389.0009001 LOCATION: Kingsboro PC
PROJECT MANAGER: Carrie Robinson
E-MAIL: crobins@chasolutions.com
PHONE: 518-453-8703 FAX: _____

Alliance Project Number: Q3842
COC Number: Q3841

BILLING INFORMATION

BILL TO: invoices@chasolutions.com PO# 103389.000-02 Seq1
ADDRESS: _____
CITY: _____ STATE: _____ ZIP: _____
ATTENTION: _____ PHONE: _____

DATA TURNAROUND INFORMATION

FAX: 4 DAY TAT DAYS*
HARD COPY: 4 DAY TAT DAYS*
EDD 4 DAY TAT DAYS*
* TO BE APPROVED BY ALLIANCE
STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☐ RESULTS ONLY ☐ USEPA CLP
☐ RESULTS + QC ☐ New York State ASP "B"
☐ New Jersey REDUCED ☐ New York State ASP "A"
☐ New Jersey CLP ☐ Other _____
☐ EDD Format _____

ANALYSIS

1	Total Coliform	2	Turbidity	3	Chlorine	4		5		6		7		8		9	
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PRESERVATIVES

COMMENTS

F=NaOH 20%

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# of Bottles	PRESERVATIVES									COMMENTS
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	

1.	B2 - W14 - Rm 3088 - Sink	DN			X	12/11/25	940	3	X	X	X								
2.	B2 - W14 - Rm 3075 - Sink						945		X	X	X								
3.	B2 - W14 - LHDF						950		X	X	X								
4.	B2 - W14 - Rm 3055 - RH Sink						955		X	X	X								
5.	B2 - W14 - EW						1005		X	X	X								
6.	B2 - W14 - Rm 3056 - Sink						1010		X	X	X								
7.	B2 - W14 - Rm 3073 - Sink						1015		X	X	X								
8.																			
9.																			
10.																			

SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY

RELINQUISHED BY SAMPLER	DATE/TIME	RECEIVED BY	DATE/TIME	RECEIVED FOR LAB BY	DATE/TIME	SHIPPED VIA: CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Overnight	SHIPMENT COMPLETE <input type="checkbox"/> YES <input type="checkbox"/> NO
RELINQUISHED BY	12/11/25	1345	12/11/25	1345	1345	ALLIANCE: <input type="checkbox"/> Picked Up <input type="checkbox"/> Overnight	
RELINQUISHED BY	12/11/25	1345	12/11/25	1345	1345		
RELINQUISHED BY	12/11/25	1345	12/11/25	1345	1345		

WHITE - ALLIANCE COPY FOR RETURN TO CLIENT YELLOW - ALLIANCE COPY PINK - SAMPLER COPY

Laboratory Certification

Certified By	License No.
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255425
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	TX-C25-00189
Virginia	460312