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 : Q1759

ATTENTION : Carrie Robinson

Laboratory Certification ID # 20012

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Cover Page

Order ID :   Q1759

Project ID :   NYSOMH Emergency Service

Client :   CHA Companies, Inc.

Lab Sample Number	Client Sample Number
Q1759-01	B2-W8-RM1016-SINK
Q1759-02	B2-W8-RM1010-SINK
Q1759-03	B2-W8-RM1011-RHSINK
Q1759-04	B2-W8-LH-DRINKING-FOUNTAIN
Q1759-05	B2-W8-RM1019-EYEWASH
Q1759-06	B2-W8-RM1040-SINK
Q1759-07	B2-W8-RM1041-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: 4/11/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

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CASE NARRATIVE

CHA Companies, Inc.
Project Name: NYSOMH Emergency Service
Project # N/A
Chemtech Project # Q1759
Test Name: Turbidity,Residual Chlorine

A. Number of Samples and Date of Receipt:
7 Water samples were received on 04/09/2025.

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

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-W8-LH-DRINKING-FOUNTAIN of Residual Chlorine, for B2-W8-RM1010-SINK of Residual Chlorine.for B2-W8-RM1011-RHSINK of Residual Chlorine.for B2-W8-RM1016-SINK of Residual Chlorine.for B2-W8-RM1019-EYEWASH of Residual Chlorine.for B2-W8-RM1040-SINK of Residual Chlorine.for B2-W8-RM1041-SINK of Residual Chlorine as samples were receive out of holding time.
The Blank Spike met requirements for all samples.
The Duplicate analysis met criteria for all samples.
The Matrix Spike analysis met criteria for all samples.
The Matrix Spike Duplicate analysis met criteria for all samples.
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

QA Control # A3040961

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1759

	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 Castody	✔
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:**   04/11/2025

SAMPLE DATA

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Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	04/09/25 09:20
Project:	NYSOMH Emergency Service	Date Received:	04/09/25
Client Sample ID:	B2-W8-RM1016-SINK	SDG No.:	Q1759
Lab Sample ID:	Q1759-01	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.26	H	1	0.023	0.10	mg/L		04/10/25 09:26	SM 4500-Cl G-11
Turbidity	2.30		1	0.15	1.00	NTU		04/10/25 14:36	SM 2130 B-11

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	* = indicates the duplicate analysis is not within control limits.
LOD = Limit of Detection	E = Indicates the reported value is estimated because of the presence
D = Dilution	of interference.
Q = indicates LCS control criteria did not meet requirements	OR = Over Range
H = Sample Analysis Out Of Hold Time	N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	04/09/25 09:25
Project:	NYSOMH Emergency Service	Date Received:	04/09/25
Client Sample ID:	B2-W8-RM1010-SINK	SDG No.:	Q1759
Lab Sample ID:	Q1759-02	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.14	H	1	0.023	0.10	mg/L		04/10/25 09:38	SM 4500-Cl G-11
Turbidity	1.60		1	0.15	1.00	NTU		04/10/25 14:44	SM 2130 B-11

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

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Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	04/09/25 09:32
Project:	NYSOMH Emergency Service	Date Received:	04/09/25
Client Sample ID:	B2-W8-RM1011-RHSINK	SDG No.:	Q1759
Lab Sample ID:	Q1759-03	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.22	H	1	0.023	0.10	mg/L		04/10/25 09:41	SM 4500-Cl G-11
Turbidity	2.03		1	0.15	1.00	NTU		04/10/25 14:48	SM 2130 B-11

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	* = indicates the duplicate analysis is not within control limits.
LOD = Limit of Detection	E = Indicates the reported value is estimated because of the presence
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Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	04/09/25 09:38
Project:	NYSOMH Emergency Service	Date Received:	04/09/25
Client Sample ID:	B2-W8-LH-DRINKING-FOUNTAIN	SDG No.:	Q1759
Lab Sample ID:	Q1759-04	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.023	HJ	1	0.023	0.10	mg/L		04/10/25 09:44	SM 4500-Cl G-11
Turbidity	2.06		1	0.15	1.00	NTU		04/10/25 14:52	SM 2130 B-11

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	* = indicates the duplicate analysis is not within control limits.
LOD = Limit of Detection	E = Indicates the reported value is estimated because of the presence
D = Dilution	of interference.
Q = indicates LCS control criteria did not meet requirements	OR = Over Range
H = Sample Analysis Out Of Hold Time	N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	04/09/25 09:45
Project:	NYSOMH Emergency Service	Date Received:	04/09/25
Client Sample ID:	B2-W8-RM1019-EYEWASH	SDG No.:	Q1759
Lab Sample ID:	Q1759-05	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.077	HJ	1	0.023	0.10	mg/L		04/10/25 09:47	SM 4500-Cl G-11
Turbidity	1.28		1	0.15	1.00	NTU		04/10/25 14:56	SM 2130 B-11

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

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Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	04/09/25 09:53
Project:	NYSOMH Emergency Service	Date Received:	04/09/25
Client Sample ID:	B2-W8-RM1040-SINK	SDG No.:	Q1759
Lab Sample ID:	Q1759-06	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		04/10/25 09:56	SM 4500-Cl G-11
Turbidity	1.49		1	0.15	1.00	NTU		04/10/25 15:00	SM 2130 B-11

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	* = indicates the duplicate analysis is not within control limits.
LOD = Limit of Detection	E = Indicates the reported value is estimated because of the presence
D = Dilution	of interference.
Q = indicates LCS control criteria did not meet requirements	OR = Over Range
H = Sample Analysis Out Of Hold Time	N =Spiked sample recovery not within control limits

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Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	04/09/25 09:58
Project:	NYSOMH Emergency Service	Date Received:	04/09/25
Client Sample ID:	B2-W8-RM1041-SINK	SDG No.:	Q1759
Lab Sample ID:	Q1759-07	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.29	H	1	0.023	0.10	mg/L		04/10/25 09:59	SM 4500-Cl G-11
Turbidity	1.82		1	0.15	1.00	NTU		04/10/25 15:04	SM 2130 B-11

Comments:

U = Not Detected	J = Estimated Value
LOQ = Limit of Quantitation	B = Analyte Found in Associated Method Blank
MDL = Method Detection Limit	* = indicates the duplicate analysis is not within control limits.
LOD = Limit of Detection	E = Indicates the reported value is estimated because of the presence
D = Dilution	of interference.
Q = indicates LCS control criteria did not meet requirements	OR = Over Range
H = Sample Analysis Out Of Hold Time	N =Spiked sample recovery not within control limits

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LAB CHRONICLE

OrderID:	Q1759	**OrderDate:**	4/9/2025 2:34:00 PM
Client:	CHA Companies, Inc.	**Project:**	NYSOMH Emergency Service
Contact:	Carrie Robinson	**Location:**	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1759-01	B2-W8-RM1016-SINK	Water			04/09/25 09:20			04/09/25
			Residual Chlorine	SM4500 Cl G			04/10/25 09:26	
			Turbidity	SM2130 B			04/10/25 14:36	
Q1759-02	B2-W8-RM1010-SINK	Water			04/09/25 09:25			04/09/25
			Residual Chlorine	SM4500 Cl G			04/10/25 09:38	
			Turbidity	SM2130 B			04/10/25 14:44	
Q1759-03	B2-W8-RM1011-RHSINK	Water			04/09/25 09:32			04/09/25
			Residual Chlorine	SM4500 Cl G			04/10/25 09:41	
			Turbidity	SM2130 B			04/10/25 14:48	
Q1759-04	B2-W8-LH-DRINKING -FOUNTAIN	Water			04/09/25 09:38			04/09/25
			Residual Chlorine	SM4500 Cl G			04/10/25 09:44	
			Turbidity	SM2130 B			04/10/25 14:52	
Q1759-05	B2-W8-RM1019-EYEW ASH	Water			04/09/25 09:45			04/09/25
			Residual Chlorine	SM4500 Cl G			04/10/25 09:47	

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LAB CHRONICLE

			Turbidity	SM2130 B		04/10/25 14:56	
Q1759-06	**B2-W8-RM1040-SINK**	**Water**			**04/09/25 09:53**		**04/09/25**
			Residual Chlorine	SM4500 Cl G		04/10/25 09:56	
			Turbidity	SM2130 B		04/10/25 15:00	
Q1759-07	**B2-W8-RM1041-SINK**	**Water**			**04/09/25 09:58**		**04/09/25**
			Residual Chlorine	SM4500 Cl G		04/10/25 09:59	
			Turbidity	SM2130 B		04/10/25 15:04	

SHIPPING DOCUMENTS

Alliance TECHNICAL GROUP

ALLIANCE PROJECT NO. Q1758/59

QUOTE NO.

COC Number .2046623

6
6.1

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: CHA Consulting, Inc

ADDRESS: 3 Winners Circle

CITY: Albany STATE: NY ZIP: 12205

ATTENTION: Carrie Robinson

PHONE: 518-453-8703 FAX:

CLIENT PROJECT INFORMATION

PROJECT NAME: NYSOMH Emergency Services

PROJECT NO.: 078672.0009001 LOCATION: Kingsboro PC

PROJECT MANAGER: Carrie Robinson

e-mail: crobinson@chasolutions.com

PHONE: 5184538703 FAX: N/A

CLIENT BILLING INFORMATION

078672.0009001
BILL TO: invoices@chasolutions.com PO#: 07867202
.com Seq#2

ADDRESS:

CITY: email only STATE: ZIP:

ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH): 5day TAT ___ DAYS*

HARDCOPY (DATA PACKAGE): 5day TAT ___ DAYS*

EDD: ___ DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

DATA DELIVERABLE INFORMATION

- [X] Level 1 (Results Only) [ ] Level 4 (QC + Full Raw Data)
- [ ] Level 2 (Results + QC) [ ] NJ Reduced [ ] US EPA CLP
- [ ] Level 3 (Results + QC [ ] NYS ASP A [ ] NYS ASP B
  + Raw Data) [ ] Other ___
- [ ] EDD FORMAT ___

Analysis: 1. Chlorine 2. Turbidity 3. Coliform (total)

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	COMP	GRAB	DATE	TIME	# OF BOTTLES	E 1	E 2	F 3	4	5	6	7	8	9	COMMENTS
1.	B2-W8-Rm1016-Sink	DW	X	4/9/25	9:20	3	X	X	X							F = Na₂S₂O₃
2.	B2-W8-Rm1010-Sink	W	X	4/9/25	9:25	3	X	X	X							
3.	B2-W8-Rm1011-RHSink	W	X	4/9/25	932	3	X	X	X							
4.	B2-W8-LH Drinking Fountain	W	X	4/9/25	9:38	3	X	X	X							
5.	B2-W8-Rm1019-Eyewash	W	X	4/9/25	9:45	3	X	X	X							
6.	B2-W8-Rm1040-Sink	W	X	4/9/25	9:53	3	X	X	X							
7.	B2-W8-Rm1041-Sink	W	X	4/9/25	958	3	X	X	X							
8.																	
9.																	
10.																	

Note: PRESERVATIVES — Specify Preservatives A-HCl, B-HN03, C-H2SO4, D-NaOH, E-ICE, F-OTHER

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

RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:
1.	4/9/25 1401	1. 1401 49.25
2.		2.
3.	1800 4-9-25	3.

Conditions of bottles or coolers at receipt: [ ] COMPLIANT. [ ] NON COMPLIANT [ ] COOLER TEMP 4.7°C °C

Comments: Temp 4.7°C (Adjustment Factor +1) IR Gun #1

CLIENT: [ ] Hand Delivered [ ] Other

Page 1 of 1

Shipment Complete [ ] YES [ ] NO

284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488

QA Control Code: A2070148

Q1759