

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

LAB CHRONICLE

OrderID:	Q1157	OrderDate:	1/22/2025 3:12:00 PM
Client:	CHA Companies, Inc.	Project:	Kingsboro B28 Water Sampling
Contact:	Carrie Robinson	Location:	E11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1157-01	B2-W10-RM2016-SIN K	Water	Residual Chlorine	SM4500 CI G	01/22/25 10:20		01/23/25 09:36	01/22/25
			Turbidity	SM2130 B			01/23/25 14:44	
Q1157-02	B2-W10-RM2010-SIN K	Water	Residual Chlorine	SM4500 CI G	01/22/25 10:15		01/23/25 09:48	01/22/25
			Turbidity	SM2130 B			01/23/25 14:52	
Q1157-03	B2-W10-RM2011-RH- SINK	Water	Residual Chlorine	SM4500 CI G	01/22/25 10:05		01/23/25 09:51	01/22/25
			Turbidity	SM2130 B			01/23/25 14:56	
Q1157-04	B2-W10-LH-DRINKIN G FOUNTAIN	Water	Residual Chlorine	SM4500 CI G	01/22/25 09:50		01/23/25 09:54	01/22/25
			Turbidity	SM2130 B			01/23/25 15:00	
Q1157-05	B2-W10-RM2019-EYE WASH	Water	Residual Chlorine	SM4500 CI G	01/22/25 10:00		01/23/25 09:57	01/22/25

LAB CHRONICLE

Q1157-06	B2-W10-RM2040-SIN K	Water	Turbidity	SM2130 B		01/23/25 15:04	01/22/25 09:40	01/22/25
			Residual Chlorine	SM4500 Cl G		01/23/25 10:06		
			Turbidity	SM2130 B		01/23/25 15:08		
Q1157-07	B2-W10-RM-2035-SIN K	Water					01/22/25 09:45	01/22/25
			Residual Chlorine	SM4500 Cl G		01/23/25 10:09		
			Turbidity	SM2130 B		01/23/25 15:12		



SAMPLE DATA

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	01/22/25 10:20
Project:	Kingsboro B28 Water Sampling	Date Received:	01/22/25
Client Sample ID:	B2-W10-RM2016-SINK	SDG No.:	Q1157
Lab Sample ID:	Q1157-01	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.086	HJ	1	0.016	0.10	mg/L		01/23/25 09:36	SM 4500-Cl G-11
Turbidity	0.77	J	1	0.075	1.00	NTU		01/23/25 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

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	01/22/25 10:15
Project:	Kingsboro B28 Water Sampling	Date Received:	01/22/25
Client Sample ID:	B2-W10-RM2010-SINK	SDG No.:	Q1157
Lab Sample ID:	Q1157-02	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.048	HJ	1	0.016	0.10	mg/L		01/23/25 09:48	SM 4500-Cl G-11
Turbidity	0.64	J	1	0.075	1.00	NTU		01/23/25 14:52	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

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	01/22/25 10:05
Project:	Kingsboro B28 Water Sampling	Date Received:	01/22/25
Client Sample ID:	B2-W10-RM2011-RH-SINK	SDG No.:	Q1157
Lab Sample ID:	Q1157-03	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.048	HJ	1	0.016	0.10	mg/L		01/23/25 09:51	SM 4500-Cl G-11
Turbidity	0.61	J	1	0.075	1.00	NTU		01/23/25 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

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	01/22/25 09:50
Project:	Kingsboro B28 Water Sampling	Date Received:	01/22/25
Client Sample ID:	B2-W10-LH-DRINKING FOUNTAIN	SDG No.:	Q1157
Lab Sample ID:	Q1157-04	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.030	HJ	1	0.016	0.10	mg/L		01/23/25 09:54	SM 4500-Cl G-11
Turbidity	0.94	J	1	0.075	1.00	NTU		01/23/25 15:00	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

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	01/22/25 10:00
Project:	Kingsboro B28 Water Sampling	Date Received:	01/22/25
Client Sample ID:	B2-W10-RM2019-EYEWASH	SDG No.:	Q1157
Lab Sample ID:	Q1157-05	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.11	H	1	0.016	0.10	mg/L		01/23/25 09:57	SM 4500-Cl G-11
Turbidity	0.71	J	1	0.075	1.00	NTU		01/23/25 15:04	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

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	01/22/25 09:40
Project:	Kingsboro B28 Water Sampling	Date Received:	01/22/25
Client Sample ID:	B2-W10-RM2040-SINK	SDG No.:	Q1157
Lab Sample ID:	Q1157-06	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.058	HJ	1	0.016	0.10	mg/L		01/23/25 10:06	SM 4500-Cl G-11
Turbidity	0.67	J	1	0.075	1.00	NTU		01/23/25 15:08	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

Report of Analysis

Client:	CHA Companies, Inc.	Date Collected:	01/22/25 09:45
Project:	Kingsboro B28 Water Sampling	Date Received:	01/22/25
Client Sample ID:	B2-W10-RM-2035-SINK	SDG No.:	Q1157
Lab Sample ID:	Q1157-07	Matrix:	Water
		% Solid:	0

Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
Residual Chlorine	0.20	H	1	0.016	0.10	mg/L		01/23/25 10:09	SM 4500-Cl G-11
Turbidity	0.74	J	1	0.075	1.00	NTU		01/23/25 15:12	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



QC RESULT SUMMARY



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

Initial and Continuing Calibration Verification

Client: CHA Companies, Inc.

SDG No.: Q1157

Project: Kingsboro B28 Water Sampling

RunNo.: LB134371

Analyte	Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: ICV Residual Chlorine	mg/L	0.378	0.4	94	90-110	01/23/2025
Sample ID: CCV1 Residual Chlorine	mg/L	0.407	0.4	102	90-110	01/23/2025
Sample ID: CCV2 Residual Chlorine	mg/L	0.397	0.4	99	90-110	01/23/2025
Sample ID: CCV3 Residual Chlorine	mg/L	0.388	0.4	97	90-110	01/23/2025

Initial and Continuing Calibration Verification

Client: CHA Companies, Inc.

SDG No.: Q1157

Project: Kingsboro B28 Water Sampling

RunNo.: LB134384

Analyte		Units	Result	True Value	% Recovery	Acceptance Window (%R)	Analysis Date
Sample ID: Turbidity	ICV	NTU	9.920	10	99	90-110	01/23/2025
Sample ID: Turbidity	CCV1	NTU	10.193	10	102	90-110	01/23/2025
Sample ID: Turbidity	CCV2	NTU	10.046	10	100	90-110	01/23/2025
Sample ID: Turbidity	CCV3	NTU	9.384	10	94	90-110	01/23/2025

Initial and Continuing Calibration Blank Summary

Client: CHA Companies, Inc.

SDG No.: Q1157

Project: Kingsboro B28 Water Sampling

RunNo.: LB134371

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Residual Chlorine	mg/L	0.02	0.0500	J	0.016	0.1	01/23/2025
Sample ID: CCB1 Residual Chlorine	mg/L	0.020	0.0500	J	0.016	0.1	01/23/2025
Sample ID: CCB2 Residual Chlorine	mg/L	0.020	0.0500	J	0.016	0.1	01/23/2025
Sample ID: CCB3 Residual Chlorine	mg/L	0.020	0.0500	J	0.016	0.1	01/23/2025

Initial and Continuing Calibration Blank Summary

Client: CHA Companies, Inc.

SDG No.: Q1157

Project: Kingsboro B28 Water Sampling

RunNo.: LB134384

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: ICB Turbidity	NTU	< 0.5000	0.5000	U	0.075	1.0	01/23/2025
Sample ID: CCB1 Turbidity	NTU	< 0.5000	0.5000	U	0.075	1	01/23/2025
Sample ID: CCB2 Turbidity	NTU	< 0.5000	0.5000	U	0.075	1	01/23/2025
Sample ID: CCB3 Turbidity	NTU	< 0.5000	0.5000	U	0.075	1	01/23/2025

Preparation Blank Summary

Client: CHA Companies, Inc.

SDG No.: Q1157

Project: Kingsboro B28 Water Sampling

Analyte	Units	Result	Acceptance Limits	Conc Qual	MDL	RDL	Analysis Date
Sample ID: LB134371BL							
Residual Chlorine	mg/L	0.02	0.0500	J	0.016	0.1	01/23/2025
Sample ID: LB134384BL							
Turbidity	NTU	< 0.5000	0.5000	U	0.075	1.0	01/23/2025

Matrix Spike Summary

Client:	CHA Companies, Inc.	SDG No.:	Q1157
Project:	Kingsboro B28 Water Sampling	Sample ID:	Q1157-01
Client ID:	B2-W10-RM2016-SINKMS	Percent Solids for Spike Sample:	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	0.41		0.086	J	0.4	1	82		01/23/2025

Matrix Spike Summary

Client:	CHA Companies, Inc.	SDG No.:	Q1157
Project:	Kingsboro B28 Water Sampling	Sample ID:	Q1157-01
Client ID:	B2-W10-RM2016-SINKMSD	Percent Solids for Spike Sample:	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	0.39		0.086	J	0.4	1	76		01/23/2025

Duplicate Sample Summary

Client:	CHA Companies, Inc.	SDG No.:	Q1157
Project:	Kingsboro B28 Water Sampling	Sample ID:	Q1157-01
Client ID:	B2-W10-RM2016-SINKDUP	Percent Solids for Spike Sample:	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	0.086	J	0.077	J	1	11.04		01/23/2025
Turbidity	NTU	+/-20	0.77	J	0.77	J	1	0.39		01/23/2025

Duplicate Sample Summary

Client: CHA Companies, Inc. Project: Kingsboro B28 Water Sampling Client ID: B2-W10-RM2016-SINKMSD	SDG No.: Q1157 Sample ID: Q1157-01 Percent Solids for Spike Sample: 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	0.41		0.39		1	6.48		01/23/2025

Laboratory Control Sample Summary

Client: CHA Companies, Inc.

SDG No.: Q1157

Project: Kingsboro B28 Water Sampling

Run No.: LB134371

Analyte	Units	True Value	Result	Conc. Qualifier	% Recovery	Dilution Factor	Acceptance Limit %R	Analysis Date
Sample ID	LB134371BS							
Residual Chlorine	mg/L	0.4	0.38		94	1	90-110	01/23/2025



RAW DATA

Analytical Summary Report

Analysis Method: SM4500 Cl G

ANALYST: Niha

Parameter: Residual Chlorine

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134371

Reagent/Standard	Lot/Log #
Residual chlorine ICV-LCS, 0.4PPM	WP111572
Chlorine Calibration std, 0.1ppm	WP111567
Chlorine Calibration std, 0.2ppm	WP111568
Chlorine Calibration std, 0.8ppm	WP111569
Chlorine Calibration std, 0.0ppm	WP111566
Chlorine Calibration std, 1.6ppm	WP111570
Residual Chlorine Calibration and CCV std, 0	WP111571
Total Chlorine Powder Pillows	W3147

Intercept: -0.0114

Slope: 1.0189

Regression: 0.999670

Seq	Lab ID	True Val (mg/l)	DF	Initial Reading	Final Reading	Difference	Result (mg/l)	%D	AnalDate	Anal Time
1	CAL1	0	1	0.000	0.000	0.000	0.01		01/23/2025	09:00
2	CAL2	0.1	1	0.000	0.110	0.110	0.12	19	01/23/2025	09:03
3	CAL3	0.2	1	0.000	0.180	0.180	0.19	-6	01/23/2025	09:06
4	CAL4	0.4	1	0.000	0.380	0.380	0.38	-4	01/23/2025	09:09
5	CAL5	0.8	1	0.000	0.790	0.790	0.79	-1.6	01/23/2025	09:12
6	CAL6	1.6	1	0.000	1.630	1.630	1.61	0.7	01/23/2025	09:15

Analysis Method: SM4500 Cl G

ANALYST: Niha

Parameter: Residual Chlorine

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134371

Seq	Lab ID	Initial Weight	Final Vol	True Value (mg/L)	DF	Initial Reading	Final Reading	Diff.	Result (mg/L)	Anal Date	Anal Time
1	ICV			0.4	1	0.0000	0.3800	0.3800	0.3780	01/23/2025	09:18
2	ICB				1	0.0000	0.0000	0.0000	0.0200	01/23/2025	09:21
3	CCV1			0.4	1	0.0000	0.4100	0.4100	0.4070	01/23/2025	09:24
4	CCB1				1	0.0000	0.0000	0.0000	0.0200	01/23/2025	09:27
5	LB134371BL	50	50		1	0.0000	0.0000	0.0000	0.0200	01/23/2025	09:30
6	LB134371BS	50	50	0.4	1	0.0000	0.3800	0.3800	0.3780	01/23/2025	09:33
7	Q1157-01	50	50		1	0.0000	0.0700	0.0700	0.0860	01/23/2025	09:36
8	Q1157-01DUP	50	50		1	0.0000	0.0600	0.0600	0.0770	01/23/2025	09:39
9	Q1157-01MS	50	50	0.4	1	0.0000	0.4100	0.4100	0.4140	01/23/2025	09:42
10	Q1157-01MSD	50	50	0.4	1	0.0000	0.3900	0.3900	0.3880	01/23/2025	09:45
11	Q1157-02	50	50		1	0.0000	0.0300	0.0300	0.0480	01/23/2025	09:48
12	Q1157-03	50	50		1	0.0000	0.0300	0.0300	0.0480	01/23/2025	09:51
13	Q1157-04	50	50		1	0.0000	0.0100	0.0100	0.0300	01/23/2025	09:54
14	Q1157-05	50	50		1	0.0000	0.0900	0.0900	0.1050	01/23/2025	09:57
15	CCV2			0.4	1	0.0000	0.4000	0.4000	0.3970	01/23/2025	10:00
16	CCB2				1	0.0000	0.0000	0.0000	0.0200	01/23/2025	10:03
17	Q1157-06	50	50		1	0.0000	0.0400	0.0400	0.0580	01/23/2025	10:06
18	Q1157-07	50	50		1	0.0000	0.1900	0.1900	0.1990	01/23/2025	10:09
19	CCV3			0.4	1	0.0000	0.3900	0.3900	0.3880	01/23/2025	10:12
20	CCB3				1	0.0000	0.0000	0.0000	0.0200	01/23/2025	10:15

WORKLIST(Hardcopy Internal Chain)

LB134371

WorkList Name : RESIDUAL CHLORINE-C

WorkList ID : 187070

Department : Wet-Chemistry

Date : 01-22-2025 16:57:57

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1157-01	B2-W10-RM2016-SINK	Water	Residual Chlorine	Cool 4 deg C	CLOU03	E11	01/22/2025	SM4500 Cl G
Q1157-02	B2-W10-RM2010-SINK	Water	Residual Chlorine	Cool 4 deg C	CLOU03	E11	01/22/2025	SM4500 Cl G
Q1157-03	B2-W10-RM2011-RH-SINK	Water	Residual Chlorine	Cool 4 deg C	CLOU03	E11	01/22/2025	SM4500 Cl G
Q1157-04	B2-W10-LH-DRINKING FOUNT	Water	Residual Chlorine	Cool 4 deg C	CLOU03	E11	01/22/2025	SM4500 Cl G
Q1157-05	B2-W10-RM2019-EYEWASH	Water	Residual Chlorine	Cool 4 deg C	CLOU03	E11	01/22/2025	SM4500 Cl G
Q1157-06	B2-W10-RM2040-SINK	Water	Residual Chlorine	Cool 4 deg C	CLOU03	E11	01/22/2025	SM4500 Cl G
Q1157-07	B2-W10-RM-2035-SINK	Water	Residual Chlorine	Cool 4 deg C	CLOU03	E11	01/22/2025	SM4500 Cl G

Date/Time 01.23.2025, 08:45

Raw Sample Received by: NFLWC

Raw Sample Relinquished by: NFLWC

Date/Time 01.23.2025, 11:00

Raw Sample Received by: NFLWC

Raw Sample Relinquished by: NFLWC

Analytical Summary Report

Analysis Method: SM2130 B

ANALYST: Niha

Parameter: Turbidity

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134384

Reagent/Standard	Lot/Log #
TURBIDITY LOD STD, 0.5NTU	WP111573
Turbidity Calibration std, 0NTU	WP111558
Turbidity Calibration std, 20NTU	WP111563
Turbidity Calibration std, 40NTU	WP111559
Turbidity Calibration std, 1NTU	WP111560
Turbidity Calibration std, 5NTU	WP111561
Turbidity LOQ std, 1.0NTU	WP111574
Turbidity Calibration - CCV std, 10 NTU	WP111562

Intercept: 0.1344

Slope: 0.9522

Regression: 1

Seq	Lab ID	True Value (NTU)	Dilution	Reading	Result (mg/l)	%D	Anal Date	Anal Time
1	CAL1	0	1	0.145	0.01		01/23/2025	14:00
2	CAL2	1	1	1.130	1.05	4.6	01/23/2025	14:04
3	CAL3	5	1	4.700	4.80	-4.1	01/23/2025	14:08
4	CAL4	10	1	9.800	10.15	1.5	01/23/2025	14:12
5	CAL5	20	1	19.200	20.02	0.1	01/23/2025	14:16
6	CAL6	40	1	38.200	39.98	-0.1	01/23/2025	14:20

Analytical Summary Report

Analysis Method: SM2130 B

ANALYST: Niha

Parameter: Turbidity

SUPERVISOR REVIEW BY: Iwona

Run Number: LB134384

Seq	Lab ID	True Value (NTU)	Dilution	Reading	Result (NTU)	AnalDate	Anal Time
1	ICV	10	1	9.580	9.920	01/23/2025	14:24
2	ICB		1	0.137	0.003	01/23/2025	14:28
3	CCV1	10	1	9.840	10.193	01/23/2025	14:32
4	CCB1		1	0.124	-0.011	01/23/2025	14:36
5	LB134384BL		1	0.148	0.014	01/23/2025	14:40
6	Q1157-01		1	0.865	0.767	01/23/2025	14:44
7	Q1157-01DUP		1	0.868	0.770	01/23/2025	14:48
8	Q1157-02		1	0.740	0.636	01/23/2025	14:52
9	Q1157-03		1	0.717	0.612	01/23/2025	14:56
10	Q1157-04		1	1.030	0.941	01/23/2025	15:00
11	Q1157-05		1	0.808	0.707	01/23/2025	15:04
12	Q1157-06		1	0.768	0.665	01/23/2025	15:08
13	Q1157-07		1	0.842	0.743	01/23/2025	15:12
14	Q1168-10		1	0.704	0.598	01/23/2025	15:16
15	CCV2	10	1	9.700	10.046	01/23/2025	15:20
16	CCB2		1	0.142	0.008	01/23/2025	15:24
17	Q1168-11		1	1.260	1.182	01/23/2025	15:28
18	CCV3	10	1	9.070	9.384	01/23/2025	15:32
19	CCB3		1	0.184	0.052	01/23/2025	15:36

WORKLIST(Hardcopy Internal Chain)

LB134384

WorkList Name : TURBIDITY-01232025

WorkList ID : 187085

Department : Wet-Chemistry

Date : 01-23-2025 08:57:38

Sample	Customer Sample	Matrix	Test	Preservative	Customer	Raw Sample Storage Location	Collect Date	Method
Q1157-01	B2-W10-RM2016-SINK	Water	Turbidity	Cool 4 deg C	CLOU03	E11	01/22/2025	SM2130 B
Q1157-02	B2-W10-RM2010-SINK	Water	Turbidity	Cool 4 deg C	CLOU03	E11	01/22/2025	SM2130 B
Q1157-03	B2-W10-RM2011-RH-SINK	Water	Turbidity	Cool 4 deg C	CLOU03	E11	01/22/2025	SM2130 B
Q1157-04	B2-W10-LH-DRINKING FOUNT	Water	Turbidity	Cool 4 deg C	CLOU03	E11	01/22/2025	SM2130 B
Q1157-05	B2-W10-RM2019-EYEWASH	Water	Turbidity	Cool 4 deg C	CLOU03	E11	01/22/2025	SM2130 B
Q1157-06	B2-W10-RM2040-SINK	Water	Turbidity	Cool 4 deg C	CLOU03	E11	01/22/2025	SM2130 B
Q1157-07	B2-W10-RM-2035-SINK	Water	Turbidity	Cool 4 deg C	CLOU03	E11	01/22/2025	SM2130 B
Q1168-10	LOD-MDL-WATER-04-QT1-202	Water	Turbidity	Cool 4 deg C	CHEM02	QA Of	01/23/2025	SM2130 B
Q1168-11	LOQ-WATER-05-QT1-2025	Water	Turbidity	Cool 4 deg C	CHEM02	QA Of	01/23/2025	SM2130 B

Date/Time 01.23.2025, 13:45
 Raw Sample Received by: NF(WC)
 Raw Sample Relinquished by: NF(WC)

Date/Time 01.23.2025, 16:00
 Raw Sample Received by: NF(WC)
 Raw Sample Relinquished by: NF(WC)

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134371

Review By	Niha	Review On	1/23/2025 2:17:34 PM
Supervise By	Iwona	Supervise On	1/23/2025 2:47:27 PM
SubDirectory	LB134371	Test	Residual Chlorine
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP111572,WP111567,WP111568,WP111569,WP111566,WP111570,WP111571,W3147		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	01/23/25 09:00		Iwona	OK
2	CAL2	CAL2	CAL	01/23/25 09:03		Iwona	OK
3	CAL3	CAL3	CAL	01/23/25 09:06		Iwona	OK
4	CAL4	CAL4	CAL	01/23/25 09:09		Iwona	OK
5	CAL5	CAL5	CAL	01/23/25 09:12		Iwona	OK
6	CAL6	CAL6	CAL	01/23/25 09:15		Iwona	OK
7	ICV	ICV	ICV	01/23/25 09:18		Iwona	OK
8	ICB	ICB	ICB	01/23/25 09:21		Iwona	OK
9	CCV1	CCV1	CCV	01/23/25 09:24		Iwona	OK
10	CCB1	CCB1	CCB	01/23/25 09:27		Iwona	OK
11	LB134371BL	LB134371BL	MB	01/23/25 09:30		Iwona	OK
12	LB134371BS	LB134371BS	LCS	01/23/25 09:33		Iwona	OK
13	Q1157-01	B2-W10-RM2016-SIN	SAM	01/23/25 09:36		Iwona	OK
14	Q1157-01DUP	B2-W10-RM2016-SIN	DUP	01/23/25 09:39		Iwona	OK
15	Q1157-01MS	B2-W10-RM2016-SIN	MS	01/23/25 09:42		Iwona	OK
16	Q1157-01MSD	B2-W10-RM2016-SIN	MSD	01/23/25 09:45		Iwona	OK
17	Q1157-02	B2-W10-RM2010-SIN	SAM	01/23/25 09:48		Iwona	OK
18	Q1157-03	B2-W10-RM2011-RH-	SAM	01/23/25 09:51		Iwona	OK

Instrument ID: SPECTROPHOTOMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134371

Review By	Niha	Review On	1/23/2025 2:17:34 PM
Supervise By	Iwona	Supervise On	1/23/2025 2:47:27 PM
SubDirectory	LB134371	Test	Residual Chlorine
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP111572,WP111567,WP111568,WP111569,WP111566,WP111570,WP111571,W3147		

19	Q1157-04	B2-W10-LH-DRINKIN	SAM	01/23/25 09:54		Iwona	OK
20	Q1157-05	B2-W10-RM2019-EYE	SAM	01/23/25 09:57		Iwona	OK
21	CCV2	CCV2	CCV	01/23/25 10:00		Iwona	OK
22	CCB2	CCB2	CCB	01/23/25 10:03		Iwona	OK
23	Q1157-06	B2-W10-RM2040-SIN	SAM	01/23/25 10:06		Iwona	OK
24	Q1157-07	B2-W10-RM-2035-SIN	SAM	01/23/25 10:09		Iwona	OK
25	CCV3	CCV3	CCV	01/23/25 10:12		Iwona	OK
26	CCB3	CCB3	CCB	01/23/25 10:15		Iwona	OK

Instrument ID: WC TURBIDIMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134384

Review By	Niha	Review On	1/23/2025 4:38:02 PM
Supervise By	Iwona	Supervise On	1/24/2025 10:54:49 AM
SubDirectory	LB134384	Test	Turbidity
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP111573,WP111558,WP111563,WP111559,WP111560,WP111561,WP111574,WP111562		

Sr#	SampleId	ClientID	QcType	Date	Comment	Operator	Status
1	CAL1	CAL1	CAL	01/23/25 14:00		Niha	OK
2	CAL2	CAL2	CAL	01/23/25 14:04		Niha	OK
3	CAL3	CAL3	CAL	01/23/25 14:08		Niha	OK
4	CAL4	CAL4	CAL	01/23/25 14:12		Niha	OK
5	CAL5	CAL5	CAL	01/23/25 14:16		Niha	OK
6	CAL6	CAL6	CAL	01/23/25 14:20		Niha	OK
7	ICV	ICV	ICV	01/23/25 14:24		Niha	OK
8	ICB	ICB	ICB	01/23/25 14:28		Niha	OK
9	CCV1	CCV1	CCV	01/23/25 14:32		Niha	OK
10	CCB1	CCB1	CCB	01/23/25 14:36		Niha	OK
11	LB134384BL	LB134384BL	MB	01/23/25 14:40		Niha	OK
12	Q1157-01	B2-W10-RM2016-SIN	SAM	01/23/25 14:44		Niha	OK
13	Q1157-01DUP	B2-W10-RM2016-SIN	DUP	01/23/25 14:48		Niha	OK
14	Q1157-02	B2-W10-RM2010-SIN	SAM	01/23/25 14:52		Niha	OK
15	Q1157-03	B2-W10-RM2011-RH	SAM	01/23/25 14:56		Niha	OK
16	Q1157-04	B2-W10-LH-DRINKIN	SAM	01/23/25 15:00		Niha	OK
17	Q1157-05	B2-W10-RM2019-EYE	SAM	01/23/25 15:04		Niha	OK
18	Q1157-06	B2-W10-RM2040-SIN	SAM	01/23/25 15:08		Niha	OK

Instrument ID: WC TURBIDIMETER-1

Daily Analysis Runlog For Sequence/QC Batch ID # LB134384

Review By	Niha	Review On	1/23/2025 4:38:02 PM
Supervise By	Iwona	Supervise On	1/24/2025 10:54:49 AM
SubDirectory	LB134384	Test	Turbidity
STD. NAME	STD REF.#		
ICAL Standard	N/A		
ICV Standard	N/A		
CCV Standard	N/A		
ICSA Standard	N/A		
CRI Standard	N/A		
LCS Standard	N/A		
Chk Standard	WP111573,WP111558,WP111563,WP111559,WP111560,WP111561,WP111574,WP111562		

19	Q1157-07	B2-W10-RM-2035-SIN	SAM	01/23/25 15:12		Niha	OK
20	Q1168-10	LOD-MDL-WATER-04	SAM	01/23/25 15:16		Niha	OK
21	CCV2	CCV2	CCV	01/23/25 15:20		Niha	OK
22	CCB2	CCB2	CCB	01/23/25 15:24		Niha	OK
23	Q1168-11	LOQ-WATER-05-QT1	SAM	01/23/25 15:28		Niha	OK
24	CCV3	CCV3	CCV	01/23/25 15:32		Niha	OK
25	CCB3	CCB3	CCB	01/23/25 15:36		Niha	OK



SHIPPING DOCUMENTS

CHEMTECH

CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092
(908) 789-8900 • Fax (908) 789-8922
www.chemtech.net

CHEMTECH PROJECT NO. **Q1157/58**
QUOTE NO.
COC Number **2041687**

CLIENT INFORMATION

REPORT TO BE SENT TO:

COMPANY: **CHA Consulting, Inc.**
ADDRESS: **3 winner circle**
CITY: **Albany** STATE: **NY** ZIP: **12205**
ATTENTION: **Carrie Robinson**
PHONE: **518 453 8703** FAX: **N/A**

CLIENT PROJECT INFORMATION

PROJECT NAME: **NYSOMH Emergency Services**
PROJECT NO.: **078672** LOCATION: **Kingsboro PC**
PROJECT MANAGER: **Carrie Robinson**
e-mail: **crobinson@chasolutions.com**
PHONE: **518 453 8703** FAX: **N/A**

CLIENT BILLING INFORMATION

BILL TO: **invoices@chasolutions.com** **turbidity / chlorine**
ADDRESS: **for coliform analysis**
CITY: STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

FAX (RUSH) **4 day TAT** DAYS*
HARDCOPY (DATA PACKAGE): **4 day TAT** DAYS*
EDD: **N/A** DAYS*

*TO BE APPROVED BY CHEMTECH

STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS DAYS

DATA DELIVERABLE INFORMATION

☒ 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

*Residual chlorine
turbidity
total coliform*

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-W10-Rm 2016-Sink	PW*	X		1/22	1020	3	X	X	X							*PW = Potable Water
2.	B2-W10-Rm 2010-Sink	PW	X		1/22	1015	3	X	X	X							
3.	B2-W10-Rm 2011-RHSink	PW	X		1/22	1005	3	X	X	X							
4.	B2-W10-LH Drinking Fountain	PW	X		1/22	950	3	X	X	X							
5.	B2-W10-Rm 2019-Eyewash	PW	X		1/22	1000	3	X	X	X							
6.	B2-W10-Rm 2040-Sink	PW	X		1/22	940	3	X	X	X							
7.	B2-W10-Rm 2035-Sink	PW	X		1/22	945	3	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:	Conditions of bottles or coolers at receipt: ☐ COMPLIANT ☐ NON COMPLIANT ☐ COOLER TEMP
1. <i>[Signature]</i>	1/22 1507	<i>[Signature]</i> 1507	2.4°C
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	Comments:
2. <i>[Signature]</i>			
RELINQUISHED BY SAMPLER:	DATE/TIME:	RECEIVED BY:	
3. <i>[Signature]</i>	1-22-25		

Page 1 of 1

CLIENT: ☐ Hand Delivered ☐ Other
CHEMTECH: ☐ Picked Up ☐ Field Sampling

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