

DATA PACKAGE

METALS

PROJECT NAME : NYSDOH LEAD IN DRINKING WATER

SAFETY ENVIRONMENTAL CO. OF NY, INC.

33 Clinton Avenue

Staten Island, NY - 10301

Phone No: 718-390-0914

ORDER ID : Q1750

ATTENTION : Francis Owoh



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q1750

Project ID : NYSDOH Lead in Drinking Water

Client : Safety Environmental Co. of NY, Inc.

Lab Sample Number

Q1750-01
Q1750-02
Q1750-03
Q1750-04
Q1750-05
Q1750-06
Q1750-07
Q1750-08

Client Sample Number

CLASSROOM-1-1ST-RUN
CLASSROOM-1-2ND-RUN
CLASSROOM-2-1ST-RUN
CLASSROOM-2-2ND-RUN
CLASSROOM-3-1ST-RUN
CLASSROOM-3-2ND-RUN
CLASSROOM-4-1ST-RUN
CLASSROOM-4-2ND-RUN

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: 4/16/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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

CASE NARRATIVE

Safety Environmental Co. of NY, Inc.

Project Name: NYSDOH Lead in Drinking Water

Project # N/A

Chemtech Project # Q1750

Test Name: Metals Group3

A. Number of Samples and Date of Receipt:

8 Water samples were received on 04/08/2025.

B. Parameters:

According to the Chain of Custody document, the following analyses were requested: Metals Group3. This data package contains results for Metals Group3.

C. Analytical Techniques:

The analysis and digestion of Metals Group3 was based on method 200.7.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

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 (CLASSROOM-4-2ND-RUNMSD) analysis met criteria for all samples except for Lead due to matrix interference.

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

The Calibration met the requirements.

The Serial Dilution met the acceptable 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 #: Q1750

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: 04/16/2025



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

Hit Summary Sheet
SW-846

SDG No.:	Q1750	Order ID:	Q1750
Client:	Safety Environmental Co. of NY, Inc.	Project ID:	NYSDOH Lead in Drinking Water

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :								



SAMPLE DATA

Report of Analysis

Client:	Safety Environmental Co. of NY, Inc.	Date Collected:	03/26/25
Project:	NYSDOH Lead in Drinking Water	Date Received:	04/08/25
Client Sample ID:	CLASSROOM-1-1ST-RUN	SDG No.:	Q1750
Lab Sample ID:	Q1750-01	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-92-1	Lead	1.21	UN	1	1.21	6.00	ug/L	04/09/25 10:30	04/15/25 21:21	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group3			

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

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:	Safety Environmental Co. of NY, Inc.	Date Collected:	03/26/25
Project:	NYSDOH Lead in Drinking Water	Date Received:	04/08/25
Client Sample ID:	CLASSROOM-1-2ND-RUN	SDG No.:	Q1750
Lab Sample ID:	Q1750-02	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-92-1	Lead	1.21	UN	1	1.21	6.00	ug/L	04/09/25 10:30	04/15/25 21:25	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group3			

U = Not Detected

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N =Spiked sample recovery not within control limits

Report of Analysis

Client:	Safety Environmental Co. of NY, Inc.	Date Collected:	03/26/25
Project:	NYSDOH Lead in Drinking Water	Date Received:	04/08/25
Client Sample ID:	CLASSROOM-2-1ST-RUN	SDG No.:	Q1750
Lab Sample ID:	Q1750-03	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-92-1	Lead	1.21	UN	1	1.21	6.00	ug/L	04/09/25 10:30	04/15/25 21:30	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group3			

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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:	Safety Environmental Co. of NY, Inc.	Date Collected:	03/26/25
Project:	NYSDOH Lead in Drinking Water	Date Received:	04/08/25
Client Sample ID:	CLASSROOM-2-2ND-RUN	SDG No.:	Q1750
Lab Sample ID:	Q1750-04	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-92-1	Lead	1.21	UN	1	1.21	6.00	ug/L	04/09/25 10:30	04/15/25 21:34	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group3			

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

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:	Safety Environmental Co. of NY, Inc.	Date Collected:	03/26/25
Project:	NYSDOH Lead in Drinking Water	Date Received:	04/08/25
Client Sample ID:	CLASSROOM-3-1ST-RUN	SDG No.:	Q1750
Lab Sample ID:	Q1750-05	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-92-1	Lead	1.21	UN	1	1.21	6.00	ug/L	04/09/25 10:30	04/15/25 21:38	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group3			

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

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:	Safety Environmental Co. of NY, Inc.	Date Collected:	03/26/25
Project:	NYSDOH Lead in Drinking Water	Date Received:	04/08/25
Client Sample ID:	CLASSROOM-3-2ND-RUN	SDG No.:	Q1750
Lab Sample ID:	Q1750-06	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-92-1	Lead	1.21	UN	1	1.21	6.00	ug/L	04/09/25 10:30	04/15/25 21:51	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group3			

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

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:	Safety Environmental Co. of NY, Inc.	Date Collected:	03/26/25
Project:	NYSDOH Lead in Drinking Water	Date Received:	04/08/25
Client Sample ID:	CLASSROOM-4-1ST-RUN	SDG No.:	Q1750
Lab Sample ID:	Q1750-07	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-92-1	Lead	1.21	UN	1	1.21	6.00	ug/L	04/09/25 10:30	04/15/25 21:55	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group3			

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

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:	Safety Environmental Co. of NY, Inc.	Date Collected:	03/26/25
Project:	NYSDOH Lead in Drinking Water	Date Received:	04/08/25
Client Sample ID:	CLASSROOM-4-2ND-RUN	SDG No.:	Q1750
Lab Sample ID:	Q1750-08	Matrix:	Water
Level (low/med):	low	% Solid:	0

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	Prep Met.
7439-92-1	Lead	1.21	UN	1	1.21	6.00	ug/L	04/09/25 10:30	04/15/25 22:00	EPA 200.7	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
Comments:	Metals Group3			

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

J = Estimated Value

B = Analyte Found in Associated Method Blank

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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:	Q1750	OrderDate:	4/8/2025 2:19:46 PM
Client:	Safety Environmental Co. of NY, Inc.	Project:	NYSDOH Lead in Drinking Water
Contact:	Francis Owoh	Location:	F11

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1750-01	CLASSROOM-1-1ST-R UN	Water			03/26/25			04/08/25
			Metals Group3	200.7		04/09/25	04/15/25	
Q1750-02	CLASSROOM-1-2ND-R UN	Water			03/26/25			04/08/25
			Metals Group3	200.7		04/09/25	04/15/25	
Q1750-03	CLASSROOM-2-1ST-R UN	Water			03/26/25			04/08/25
			Metals Group3	200.7		04/09/25	04/15/25	
Q1750-04	CLASSROOM-2-2ND-R UN	Water			03/26/25			04/08/25
			Metals Group3	200.7		04/09/25	04/15/25	
Q1750-05	CLASSROOM-3-1ST-R UN	Water			03/26/25			04/08/25
			Metals Group3	200.7		04/09/25	04/15/25	
Q1750-06	CLASSROOM-3-2ND-R UN	Water			03/26/25			04/08/25
			Metals Group3	200.7		04/09/25	04/15/25	
Q1750-07	CLASSROOM-4-1ST-R UN	Water			03/26/25			04/08/25
			Metals Group3	200.7		04/09/25	04/15/25	
Q1750-08	CLASSROOM-4-2ND-R UN	Water			03/26/25			04/08/25
			Metals Group3	200.7		04/09/25	04/15/25	



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:
COMPANY: Safety Environmental
ADDRESS: 33 Clinton Avenue
CITY: Staten Island STATE: NY ZIP: 10301
ATTENTION: Dr Francis Owob
PHONE: 7183900914 FAX: 7183900915

PROJECT NAME: 145 Ross Avenue
PROJECT NO.: STATEN ISLAND, NY 10312
LOCATION:
PROJECT MANAGER: Dr Francis Owob
e-mail: SLPRESCHOOL
PHONE: FAX:

BILL TO: PO#:
ADDRESS: SAME
CITY: STATE: ZIP:
ATTENTION: PHONE:

ANALYSIS

DATA TURNAROUND INFORMATION

DATA DELIVERABLE INFORMATION

FAX (RUSH) _____ DAYS*
HARDCOPY (DATA PACKAGE): _____ DAYS*
EDD: _____ DAYS*
*TO BE APPROVED BY CHEMTECH
STANDARD HARDCOPY TURNAROUND TIME IS 10 BUSINESS

☐ 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

1 2 3 4 5 6 7 8 9

PRESERVATIVES

COMMENTS

ALLIANCE SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									Specify Preservatives	
			COMP	GRAB	DATE	TIME		1	2	3	4	5	6	7	8	9	A-HCl	D-NaOH
1. 1	CLASSROOM 1, 1 st RUN	Lead			3-26-25	8:20		✓									A	
2. 2	CLASSROOM 1, 2 nd RUN	Lead			3-26-25	8:24		✓									A	
3. 3	CLASSROOM 2, 1 st RUN	Lead			3-26-25	8:26		✓									A	
4. 4	CLASSROOM 2, 2 nd RUN	Lead			3-26-25	8:30		✓									A	
5. 5	CLASSROOM 3, 1 st RUN	Lead			3-26-25	8:35		✓									A	
6. 6	CLASSROOM 3, 2 nd RUN	Lead			3-26-25	8:38		✓									A	
7. 7	CLASSROOM 4, 1 st RUN	Lead			3-26-25	8:40		✓									A	
8. 8	CLASSROOM 4, 2 nd RUN	Lead			3-26-25	8:40		✓									A	
9.																		
10.																		

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

RELINQUISHED BY SAMPLER: 1. Francis Owob	DATE/TIME: 4/2/25	RECEIVED BY: [Signature] 4/8/25	Conditions of bottles or coolers at receipt: <input type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input type="checkbox"/> COOLER TEMP 4.3 °C
RELINQUISHED BY SAMPLER: 2.	DATE/TIME:	RECEIVED BY:	Comments: 4.3 Temp (Adjustment factor +1) IR 60n #1
RELINQUISHED BY SAMPLER: 3. [Signature]	DATE/TIME: 4.8.25	RECEIVED BY:	P.H 1.3 Lot # 80A0441.

Page ____ of ____ CLIENT: ☐ Hand Delivered ☐ Other Shipment Complete ☐ YES ☐ NO

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