

DATA PACKAGE

METALS

PROJECT NAME : DRINKING WATER ANALYSIS 2024

THE LEARNING CIRCLE YMCA

95 Morris Avenue

Summit, NJ - 07901

Phone No: 908-273-7040 x 5216

ORDER ID : P4540

ATTENTION : Jennifer Andrade



Laboratory Certification ID # 20012



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Cover Page

Order ID : P4540

Project ID : Drinking Water Analysis 2024

Client : THE LEARNING CIRCLE YMCA

Lab Sample Number

P4540-01
P4540-02
P4540-03
P4540-04
P4540-05
P4540-06
P4540-07
P4540-08
P4540-09
P4540-10
P4540-11
P4540-12
P4540-13
P4540-14
P4540-15
P4540-16
P4540-17
P4540-18
P4540-19
P4540-20
P4540-21
P4540-22
P4540-23
P4540-24
P4540-25

Client Sample Number

INFANT-2-SINK-C
INFANT-2-SINK-D
PRESCHOOL-1-SINK-A
PRESCHOOL-1-SINK-B
PRESCHOOL-2-SINK-A
PRESCHOOL-2-SINK-B
PRESCHOOL-3-SINK-A
PRESCHOOL-3-SINK-B
PRESCHOOL-4-SINK-A
PRESCHOOL-4-SINK-B
INFANT-1-SINK-A
INFANT-1-SINK-B
INFANT-1-SINK-C
INFANT-1-SINK-D
PREKINDERGARTEN-1-SINK-A
PREKINDERGARTEN-1-SINK-B
PREKINDERGARTEN-2-SINK-A
PREKINDERGARTEN-2-SINK-B
PREKINDERGARTEN-3-SINK-A
PREKINDERGARTEN-3-SINK-B
TODDLER-BIG-ROOM-SINK-A
TODDLER-BIG-ROOM-SINK-B
STAFF-KITCHEN-A
STAFF-KITCHEN-B
FB-10-24-24

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: 11/8/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012



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

CASE NARRATIVE

THE LEARNING CIRCLE YMCA

Project Name: Drinking Water Analysis 2024

Project # N/A

Chemtech Project # P4540

Test Name: Metals Group3

A. Number of Samples and Date of Receipt:

25 Water samples were received on 10/24/2024.

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 200.8.

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 analysis met criteria for all samples.

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

The Calibration met the requirements.

The Serial Dilution met criteria for all samples.

E. Additional Comments:

Collision cell is being used to remove potential interferences. The analytes Na, Mg, Al, K, V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As are being analyzed with collision cell and analytes Be, B, Ca, Ti, Se, Sr, Zr, Mo, Ag, Cd, Sn, Sb, Ba, Tl, Pb, U are being analyzed with Non-Collision Cell. Helium gas is used for the Collision Cell analysis.

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 #: P4540

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: 11/08/2024



SAMPLE DATA

Report of Analysis

Client:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	INFANT-2-SINK-C	SDG No.:	P4540
Lab Sample ID:	P4540-01	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.
7440-50-8	Copper	178		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 01:11	200.8	
7439-92-1	Lead	0.49	J	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 01:11	200.8	

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:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	INFANT-2-SINK-D	SDG No.:	P4540
Lab Sample ID:	P4540-02	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.
7440-50-8	Copper	263		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 01:15	200.8	
7439-92-1	Lead	0.47	J	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 01:15	200.8	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
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Client:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	PRESCHOOL-1-SINK-A	SDG No.:	P4540
Lab Sample ID:	P4540-03	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.
7440-50-8	Copper	134		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 01:18	200.8	
7439-92-1	Lead	0.86	J	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 01:18	200.8	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
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Client:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	PRESCHOOL-1-SINK-B	SDG No.:	P4540
Lab Sample ID:	P4540-04	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.
7440-50-8	Copper	103	1	0.79		2.00	ug/L	11/01/24 14:00	11/07/24 01:22	200.8	
7439-92-1	Lead	1.16	1	0.27		1.00	ug/L	11/01/24 14:00	11/07/24 01:22	200.8	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
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Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	PRESCHOOL-2-SINK-A	SDG No.:	P4540
Lab Sample ID:	P4540-05	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.
7440-50-8	Copper	165		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 01:25	200.8	
7439-92-1	Lead	0.88	J	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 01:25	200.8	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
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Report of Analysis

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Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	PRESCHOOL-2-SINK-B	SDG No.:	P4540
Lab Sample ID:	P4540-06	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.
7440-50-8	Copper	145		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 01:29	200.8	
7439-92-1	Lead	0.27	U	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 01:29	200.8	

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Report of Analysis

Client:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	PRESCHOOL-3-SINK-A	SDG No.:	P4540
Lab Sample ID:	P4540-07	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.
7440-50-8	Copper	140	1	0.79		2.00	ug/L	11/01/24 14:00	11/07/24 01:32	200.8	
7439-92-1	Lead	1.00	1	0.27		1.00	ug/L	11/01/24 14:00	11/07/24 01:32	200.8	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
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Report of Analysis

Client:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	PRESCHOOL-3-SINK-B	SDG No.:	P4540
Lab Sample ID:	P4540-08	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.
7440-50-8	Copper	88.8		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 01:36	200.8	
7439-92-1	Lead	0.89	J	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 01:36	200.8	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
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Client:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	PRESCHOOL-4-SINK-A	SDG No.:	P4540
Lab Sample ID:	P4540-09	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.
7440-50-8	Copper	65.1		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 01:39	200.8	
7439-92-1	Lead	0.51	J	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 01:39	200.8	

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Color After:	Colorless	Clarity After:	Clear	Artifacts:
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Report of Analysis

Client:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	PRESCHOOL-4-SINK-B	SDG No.:	P4540
Lab Sample ID:	P4540-10	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.
7440-50-8	Copper	63.5		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 01:43	200.8	
7439-92-1	Lead	0.64	J	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 01:43	200.8	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
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Client:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	INFANT-1-SINK-A	SDG No.:	P4540
Lab Sample ID:	P4540-11	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.
7440-50-8	Copper	172		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 01:53	200.8	
7439-92-1	Lead	0.40	J	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 01:53	200.8	

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Client:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	INFANT-1-SINK-B	SDG No.:	P4540
Lab Sample ID:	P4540-12	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.
7440-50-8	Copper	220		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 01:57	200.8	
7439-92-1	Lead	0.27	U	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 01:57	200.8	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
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Report of Analysis

Client:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	INFANT-1-SINK-C	SDG No.:	P4540
Lab Sample ID:	P4540-13	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.
7440-50-8	Copper	164		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 02:00	200.8	
7439-92-1	Lead	0.27	U	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 02:00	200.8	

Color Before:	Colorless	Clarity Before:	Clear	Texture:
Color After:	Colorless	Clarity After:	Clear	Artifacts:
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Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	INFANT-1-SINK-D	SDG No.:	P4540
Lab Sample ID:	P4540-14	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.
7440-50-8	Copper	190		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 02:04	200.8	
7439-92-1	Lead	0.33	J	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 02:04	200.8	

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

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Client:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	PREKINDERGARTEN-1-SINK-A	SDG No.:	P4540
Lab Sample ID:	P4540-15	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.
7440-50-8	Copper	91.2		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 02:07	200.8	
7439-92-1	Lead	0.43	J	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 02:07	200.8	

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:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	PREKINDERGARTEN-1-SINK-B	SDG No.:	P4540
Lab Sample ID:	P4540-16	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.
7440-50-8	Copper	54.1		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 02:41	200.8	
7439-92-1	Lead	0.39	J	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 02:41	200.8	

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:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	PREKINDERGARTEN-2-SINK-A	SDG No.:	P4540
Lab Sample ID:	P4540-17	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.
7440-50-8	Copper	160		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 02:44	200.8	
7439-92-1	Lead	0.39	J	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 02:44	200.8	

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

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 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

Report of Analysis

Client:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	PREKINDERGARTEN-2-SINK-B	SDG No.:	P4540
Lab Sample ID:	P4540-18	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.
7440-50-8	Copper	133		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 02:48	200.8	
7439-92-1	Lead	0.36	J	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 02:48	200.8	

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:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	PREKINDERGARTEN-3-SINK-A	SDG No.:	P4540
Lab Sample ID:	P4540-19	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.
7440-50-8	Copper	124		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 02:51	200.8	
7439-92-1	Lead	0.97	J	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 02:51	200.8	

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:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	PREKINDERGARTEN-3-SINK-B	SDG No.:	P4540
Lab Sample ID:	P4540-20	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.
7440-50-8	Copper	64.0	1	0.79		2.00	ug/L	11/01/24 14:00	11/07/24 02:55	200.8	
7439-92-1	Lead	2.01	1	0.27		1.00	ug/L	11/01/24 14:00	11/07/24 02:55	200.8	

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:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	TODDLER-BIG-ROOM-SINK-A	SDG No.:	P4540
Lab Sample ID:	P4540-21	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.
7440-50-8	Copper	89.5		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 02:58	200.8	
7439-92-1	Lead	0.68	J	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 02:58	200.8	

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:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	TODDLER-BIG-ROOM-SINK-B	SDG No.:	P4540
Lab Sample ID:	P4540-22	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.
7440-50-8	Copper	28.6		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 03:02	200.8	
7439-92-1	Lead	0.40	J	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 03:02	200.8	

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:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	STAFF-KITCHEN-A	SDG No.:	P4540
Lab Sample ID:	P4540-23	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.
7440-50-8	Copper	172		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 03:05	200.8	
7439-92-1	Lead	0.43	J	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 03:05	200.8	

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:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	STAFF-KITCHEN-B	SDG No.:	P4540
Lab Sample ID:	P4540-24	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.
7440-50-8	Copper	137		1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 03:16	200.8	
7439-92-1	Lead	0.27	U	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 03:16	200.8	

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:	THE LEARNING CIRCLE YMCA	Date Collected:	10/24/24
Project:	Drinking Water Analysis 2024	Date Received:	10/24/24
Client Sample ID:	FB-10-24-24	SDG No.:	P4540
Lab Sample ID:	P4540-25	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.
7440-50-8	Copper	0.89	J	1	0.79	2.00	ug/L	11/01/24 14:00	11/07/24 03:19	200.8	
7439-92-1	Lead	0.27	U	1	0.27	1.00	ug/L	11/01/24 14:00	11/07/24 03:19	200.8	

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

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 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: P4540	OrderDate: 10/24/2024 12:15:00 PM
Client: THE LEARNING CIRCLE YMCA	Project: Drinking Water Analysis 2024
Contact: Jennifer Andrade	Location: K51

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4540-01	INFANT-2-SINK-C	Water	Metals Group3	200.8	10/24/24	11/01/24	11/07/24	10/24/24
P4540-02	INFANT-2-SINK-D	Water	Metals Group3	200.8	10/24/24	11/01/24	11/07/24	10/24/24
P4540-03	PRESCHOOL-1-SINK-A	Water	Metals Group3	200.8	10/24/24	11/01/24	11/07/24	10/24/24
P4540-04	PRESCHOOL-1-SINK-B	Water	Metals Group3	200.8	10/24/24	11/01/24	11/07/24	10/24/24
P4540-05	PRESCHOOL-2-SINK-A	Water	Metals Group3	200.8	10/24/24	11/01/24	11/07/24	10/24/24
P4540-06	PRESCHOOL-2-SINK-B	Water	Metals Group3	200.8	10/24/24	11/01/24	11/07/24	10/24/24
P4540-07	PRESCHOOL-3-SINK-A	Water	Metals Group3	200.8	10/24/24	11/01/24	11/07/24	10/24/24
P4540-08	PRESCHOOL-3-SINK-B	Water	Metals Group3	200.8	10/24/24	11/01/24	11/07/24	10/24/24
P4540-09	PRESCHOOL-4-SINK-A	Water	Metals Group3	200.8	10/24/24	11/01/24	11/07/24	10/24/24
P4540-10	PRESCHOOL-4-SINK-B	Water	Metals Group3	200.8	10/24/24	11/01/24	11/07/24	10/24/24
P4540-11	INFANT-1-SINK-A	Water	Metals Group3	200.8	10/24/24	11/01/24	11/07/24	10/24/24
P4540-12	INFANT-1-SINK-B	Water			10/24/24			10/24/24

LAB CHRONICLE

			Metals Group3	200.8		11/01/24	11/07/24	
P4540-13	INFANT-1-SINK-C	Water			10/24/24			10/24/24
			Metals Group3	200.8		11/01/24	11/07/24	
P4540-14	INFANT-1-SINK-D	Water			10/24/24			10/24/24
			Metals Group3	200.8		11/01/24	11/07/24	
P4540-15	PREKINDERGARTEN-1-SINK-A	Water			10/24/24			10/24/24
			Metals Group3	200.8		11/01/24	11/07/24	
P4540-16	PREKINDERGARTEN-1-SINK-B	Water			10/24/24			10/24/24
			Metals Group3	200.8		11/01/24	11/07/24	
P4540-17	PREKINDERGARTEN-2-SINK-A	Water			10/24/24			10/24/24
			Metals Group3	200.8		11/01/24	11/07/24	
P4540-18	PREKINDERGARTEN-2-SINK-B	Water			10/24/24			10/24/24
			Metals Group3	200.8		11/01/24	11/07/24	
P4540-19	PREKINDERGARTEN-3-SINK-A	Water			10/24/24			10/24/24
			Metals Group3	200.8		11/01/24	11/07/24	
P4540-20	PREKINDERGARTEN-3-SINK-B	Water			10/24/24			10/24/24
			Metals Group3	200.8		11/01/24	11/07/24	
P4540-21	TODDLER-BIG-ROOM-SINK-A	Water			10/24/24			10/24/24
			Metals Group3	200.8		11/01/24	11/07/24	
P4540-22	TODDLER-BIG-ROOM-SINK-B	Water			10/24/24			10/24/24
			Metals Group3	200.8		11/01/24	11/07/24	
P4540-23	STAFF-KITCHEN-A	Water			10/24/24			10/24/24
			Metals Group3	200.8		11/01/24	11/07/24	
P4540-24	STAFF-KITCHEN-B	Water			10/24/24			10/24/24

LAB CHRONICLE

P4540-25	FB-10-24-24	Water	Metals Group3	200.8		11/01/24	11/07/24	
					10/24/24			10/24/24
			Metals Group3	200.8		11/01/24	11/07/24	



SHIPPING DOCUMENTS

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: The Learning Circle YMCA
 ADDRESS: 95 Morris Ave
 CITY: Summit STATE: NJ ZIP: 07901
 ATTENTION: Marcia K
 PHONE: (908) 273-3330 FAX:

PROJECT NAME: Drinking water 2024
 PROJECT NO.: LOCATION:
 PROJECT MANAGER:
 e-mail:
 PHONE: FAX:

BILL TO: PO#:
 ADDRESS:
 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 DAYS

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

Lead & Copper

1	2	3	4	5	6	7	8	9
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CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
			COMP	GRAB	DATE	TIME		B/E	1	2	3	4	5	6	7	8		9
1.	Infant-2-Sink-C	AQ		X	10/24/24	0629	1	X										
2.	Infant-2-Sink-D			X		0630	1	X										
3.	Pre School 1-Sink-A			X		0632	1	X										
4.	Pre School-1-Sink-B			X		0633	1	X										
5.	Pre School-2-Sink-A			X		0634	1	X										
6.	Pre School-2-Sink-B			X		0635	1	X										
7.	Pre School-3-Sink-A			X		0637	1	X										
8.	Pre School-3-Sink-B			X		0638	1	X										
9.	Pre School-4-Sink-A			X		0639	1	X										
10.	Pre School-4-Sink-B			X		0640	1	X										

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

RELINQUISHED BY SAMPLER: 1. <u>JM</u>	DATE/TIME: <u>10/24/24</u>	RECEIVED BY: 1. <u>[Signature]</u>	Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> COMPLIANT <input type="checkbox"/> NON COMPLIANT <input checked="" type="checkbox"/> COOLER TEMP <u>2.6</u> °C Comments: _____ _____ _____
RELINQUISHED BY SAMPLER: 2. _____	DATE/TIME: _____	RECEIVED BY: 2. _____	
RELINQUISHED BY SAMPLER: 3. <u>JM</u>	DATE/TIME: <u>10/24/24</u>	RECEIVED BY: 3. _____	

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: The Learning Circle YMCA

ADDRESS: 95 Morris Ave

CITY: Summit STATE: NJ ZIP: 07901

ATTENTION: Marcia K

PHONE: (908) 273-3330 FAX:

PROJECT NAME: Drinking Water 2024

PROJECT NO.: _____ LOCATION: _____

PROJECT MANAGER: _____

e-mail: _____

PHONE: _____ FAX: _____

BILL TO: _____ PO#: _____

ADDRESS: _____

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 DAYS

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

Lead & Copper

1	2	3	4	5	6	7	8	9
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PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	B/E	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER
			COMP	GRAB	DATE	TIME			1	2	3	4	5	6	7	8	9	
1.	Infant-1-Sink-A	AQ		X	10/24/24	0642	1	X										
2.	Infant-1-Sink-B			X		0643	1	X										
3.	Infant-1-Sink-C			X		0644	1	X										
4.	Infant-1-Sink-D			X		0645	1	X										
5.	Prekindergarten-1-Sink-A			X		0647	1	X										
6.	Prekindergarten-1-Sink-B			X		0648	1	X										
7.	Prekindergarten-2-Sink-A			X		0649	1	X										
8.	Prekindergarten-2-Sink-B			X		0650	1	X										
9.	Prekindergarten-3-Sink-A			X		0651	1	X										
10.	Prekindergarten-3-Sink-B			X		0652	1	X										

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

RELINQUISHED BY SAMPLER: 1. <u>JM</u>	DATE/TIME: <u>0720</u> <u>10-24-24</u>	RECEIVED BY: 1. <u>[Signature]</u>
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME:	RECEIVED BY: 2. <u>[Signature]</u>
RELINQUISHED BY SAMPLER: 3. <u>JM</u>	DATE/TIME: <u>1045</u> <u>10-24-24</u>	RECEIVED BY: 3. <u>[Signature]</u>

Conditions of bottles or coolers at receipt: COMPLIANT NON COMPLIANT COOLER TEMP 2.6 °C

Comments: _____

Page 4 of 5

CLIENT: Hand Delivered Other _____

CHEMTECH: Picked Up Field Sampling

Shipment Complete YES NO

CLIENT INFORMATION

CLIENT PROJECT INFORMATION

CLIENT BILLING INFORMATION

REPORT TO BE SENT TO:

COMPANY: The Learning Circle YMCA

ADDRESS: 95 Morris Ave

CITY: Summit STATE: NJ ZIP:

ATTENTION: Marcia K

PHONE: FAX:

PROJECT NAME: Drinking water 2024

PROJECT NO.: LOCATION:

PROJECT MANAGER:

e-mail:

PHONE: FAX:

BILL TO: PO#:

ADDRESS:

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 DAYS

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

Lead & Copper

1	2	3	4	5	6	7	8	9
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PRESERVATIVES

COMMENTS

CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	SAMPLE TYPE		SAMPLE COLLECTION		# OF BOTTLES	PRESERVATIVES									COMMENTS ← Specify Preservatives A-HCl D-NaOH B-HNO3 E-ICE C-H2SO4 F-OTHER	
			COMP	GRAB	DATE	TIME		BLE										
								1	2	3	4	5	6	7	8	9		
1.	Toddler-Big Room-Sink-A	AQ		X	10/24/24	0653	1	X										
2.	Toddler-Big Room-Sink-B	I		X		0654	1	X										
3.	Staff-Kitchen-A	I		X		0656	1	X										
4.	Staff-Kitchen-B	I		X		0657	1	X										
5.	FB-10-24-24	I		X		0700	1	X										
6.																		
7.																		
8.																		
9.																		
10.																		

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RELINQUISHED BY SAMPLER: 1. <u>[Signature]</u>	DATE/TIME: <u>0920</u> <u>10-24-24</u>	RECEIVED BY: 1. <u>[Signature]</u>
RELINQUISHED BY SAMPLER: 2. <u>[Signature]</u>	DATE/TIME:	RECEIVED BY: 2. <u>[Signature]</u>
RELINQUISHED BY SAMPLER: 3. <u>[Signature]</u>	DATE/TIME: <u>1045</u> <u>10-24-24</u>	RECEIVED BY: 3. <u>[Signature]</u>

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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