

#### **DATA PACKAGE**

METALS

**PROJECT NAME: DRINKING WATER - LEAD & COPPER** 

ANNA L. KLEIN SCHOOL 301 69th. Street

Guttenberg, NJ - 07093

Phone No: 201-861-3100

ORDER ID: M2104

**ATTENTION: Karen Huebsch** 







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#### **Cover Page**

Order ID: M2104

Project ID: Drinking Water - Lead & Copper

Client: Anna L. Klein School

#### **Lab Sample Number Client Sample Number** FB-04-20-21 M2104-01 **OB-3RD-FL-WATER-FOUNTAIN** M2104-02 OB-3RD-FL-BOYS-BATHROOM M2104-03 OB-3RD-FL-GIRLS-BATHROOM M2104-04 NB-3RD-FL-GIRLS-BATHROOM M2104-05 NB-3RD-FL-WATER-FOUNTAIN M2104-06 M2104-07 NB-3RD-FL-BOYS-BATHROOM NB-3RD-FL-N-WATER-FOUNTAIN M2104-08 **OB-2ND-FL-WATER-FOUNTAIN** M2104-09 OB-2ND-FL-BOYS-BATHROOM M2104-10 OB-2ND-FL-GIRLS-BATHROOM M2104-11 NB-2ND-FL-BOYS-BATHROOM M2104-12 NB-2ND-FL-N-WATER-FOUNTAIN M2104-13 M2104-14 NB-2ND-FL-GIRLS-BATHROOM M2104-15 **OB-1ST-FL-WATER-FOUNTAIN** OB-1ST-FL-BOYS-BATHROOM M2104-16 **OB-1ST-FL-GIRLS-BATHROOM** M2104-17 M2104-18 NB-1ST-FL-E-WATER-FOUNTAIN M2104-19 NB-1ST-FL-GIRLS-BATHROOM NB-1ST-FL-BOYS-BATHROOM M2104-20 BASEMENT-GIRLS-BATHROOM M2104-21 **BASEMENT-BOYS-BATHROOM** M2104-22 M2104-23 **BASEMENT-WATER-FOUNTAIN**

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:

N. N. Pandya

By Nimisha Pandya, QA/QC Supervisor at 11:38 am, May 04, 2021

**APPROVED** 

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

M2104 3 of 62



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

#### **CASE NARRATIVE**

**CDM Smith** 

Project Name: KENS-EAST-SSWM

Project # N/A

Chemtech Project # M2104

Test Name: Metals ICP-TAL, Mercury

#### A. Number of Samples and Date of Receipt:

8 Solid samples were received on 12/10/2020.

#### **B. Parameters:**

According to the Chain of Custody document, the following analyses were requested: Cyanide, Diesel Range Organics, Gasoline Range Organics, Herbicide, Hexavalent Chromium, Mercury, Metals ICP-TAL, METALS-TAL, PCB, PESTICIDE Group1, SVOCMS Group1 and VOCMS Group1. This data package contains results for Metals ICP-TAL, Mercury.

#### C. Analytical Techniques:

#### 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 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 N. N. Pankya

**APPROVED** 

By Nimisha Pandya, QA/QC Supervisor at 11:39 am, May 04, 2021



#### 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  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
Н	Sample Analysis Out Of Hold Time



#### APPENDIX A

#### **QA REVIEW GENERAL DOCUMENTATION**

Project #: M2104

	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	<del>'</del> <del>'</del> <del>'</del> <u>'</u> <u>'</u> <u>'</u>
COVER PAGE:	
Do numbers of samples correspond to the number of samples in the Chain of Custody on login page	<u> </u>
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	<u> </u>
Do requested analyses on Chain of Custody agree with the log-in page	<u> </u>
Were the correct method log-in for analysis according to the Analytical Request and Chain of Castody	<del>'</del> <del>'</del> <del>'</del>
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?	<u>√</u> <u>√</u> <u>√</u> <u>√</u>
All runlogs and manual integration are reviewed for requirements	
All manual calculations and /or hand notations verified	

1st Level QA Review Signature:

SOHIL JODHANI

Date: 05/04/2021

N. N. Pandya 2nd Level QA Review Signature:

**APPROVED** 

By Nimisha Pandya, QA/QC Supervisor at 11:39 am, May 04, 2021

M2104

m 0 9 u L 0 I



284 Sheffield Street, Mountainside, New Jersey - 07092

Phone: (908) 789 8900 Fax: (908) 789 8922

## LAB CHRONICLE

OrderID: Client: Contact:	M2104 Anna L. Klein School Karen Huebsch			OrderDate: Project: Location:	4/20/2021 10:35:01 AM Drinking Water - Lead & Copper O41	5:01 AM - Lead & Coppi	ie.	
LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
M2104-01	FB-04-20-21	Water	Metals Group3	200.8	04/20/21	04/29/21	05/02/21	04/20/21
M2104-02	OB-3RD-FL-WATER-F OUNTAIN	Water	Metals Group3	200.8	04/20/21	04/29/21	05/02/21	04/20/21
M2104-03	OB-3RD-FL-BOYS-BA THROOM	Water			04/20/21			04/20/21
M2104-04	0B-3R	Water	Metals Group3	200.8	04/20/21	04/29/21	05/02/21	04/20/21
	ТНКООМ		Metals Group3	200.8		04/29/21	05/02/21	
M2104-05	NB-3RD-FL-GIRLS-BA THROOM	Water			04/20/21			04/20/21
			Metals Group3	200.8		04/29/21	05/02/21	
M2104-06	NB-3RD-FL-WATER-F OUNTAIN	Water	Metals Group3	200.8	04/20/21	04/29/21	05/02/21	04/20/21
M2104-07	NB-3RD-FL-BOYS-BAT HROOM	Water	Metals Group3	200.8	04/20/21	04/29/21	05/02/21	04/20/21
M2104-08	S NB-3RD-FL-N-WATER- FOUNTAIN	Water	Metals Group3	200.8	04/20/21	04/29/21	05/02/21	04/20/21
M2104-09	OB-2ND-FL-WATER-F OUNTAIN	Water	Motels Grouns	8 00 C	04/20/21	04/29/21	05/00/21	04/20/21
M2104-10	OB-2ND-FL-BOYS-BA THROOM	Water		0.00	04/20/21	11/01/0		04/20/21



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	05/02/21	04/20/21	05/02/21	04/20/21	05/02/21	04/20/21	05/02/21	04/20/21	05/02/21	04/20/21	05/02/21	04/20/21	05/02/21	04/20/21	05/02/21	04/20/21	05/02/21	04/20/21	05/02/21	04/20/21	05/02/21	04/20/21	05/02/21
	04/29/21		04/29/21		04/29/21		04/29/21		04/29/21		04/29/21		04/29/21		04/29/21		04/29/21		04/29/21		04/29/21		04/29/21
		04/20/21		04/20/21		04/20/21		04/20/21		04/20/21		04/20/21		04/20/21		04/20/21		04/20/21		04/20/21		04/20/21	
<b>"</b>	200.8		200.8		200.8		200.8		200.8		200.8		200.8		200.8		200.8		200.8		200.8		200.8
LAB CHRONICLE	Metals Group3		Metals Group3		Metals Group3		Metals Group3		Metals Group3		Metals Group3		Metals Group3		Metals Group3		Metals Group3		Metals Group3		Metals Group3		Metals Group3
		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
		OB-2ND-FL-GIRLS-BA		NB-2ND-FL-BOYS-BA	E CONTRACTOR DE LA CONT	NB-2ND-FL-N-WATER-	FOON AIN	NB-2ND-FL-GIRLS-BA	EOOX III	OB-1ST-FL-WATER-F		OB-1ST-FL-BOYS-BAT		OB-1ST-FL-GIRLS-BA		NB-1ST-FL-E-WATER-		NB-1ST-FL-GIRLS-BA		NB-1ST-FL-BOYS-BAT		BASEMENT-GIRLS-BAT	
		M2104-11		M2104-12		M2104-13		M2104-14		M2104-15		M2104-16		M2104-17		M2104-18		M2104-19		M2104-20		M2104-21	

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**GEMTECH** 









05/02/21







2 04/20/21 04/20/21 05/02/21

			LAB CHRONICLE	<b>"</b>		
M2104-22	BASEMENT-BOYS-BAT	Water			04/20/21	
	E 000 N		Metals Group3	200.8		04/29/21
M2104-23	BASEMENT-WATER-FO	Water			04/20/21	
	UNTAIN		Metals Group3	200.8		04/29/21



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#### Hit Summary Sheet SW-846

SDG No.:	M2104			Order ID:		M2104	ead & Come	
Client:	Anna L. Klein School			Project ID	:	Drinking Water - L	Leau & Copper	
Sample ID		Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	FB-04-20-21	Vote -	Comme	0.220		0.10	2.00	,/т
M2104-01	FB-04-20-21 V	Vater	Copper	0.220	J	0.19	2.00	ug/L
Client ID:	OB-3RD-FL-WATER-FOUNTAIN							
M2104-02	OB-3RD-FL-WATER-FOUNTAI V	Vater	Copper	360.000		0.19	2.00	ug/L
M2104-02	OB-3RD-FL-WATER-FOUNTAI V	Vater	Lead	0.470	J	0.23	1.00	ug/L
Client ID:	OB-3RD-FL-BOYS-BATHROOM							
M2104-03	OB-3RD-FL-BOYS-BATHROO! V	Vater	Copper	72.100		0.19	2.00	ug/L
M2104-03	OB-3RD-FL-BOYS-BATHROO! V		Lead	0.470	J	0.23	1.00	ug/L
Client ID :	OB-3RD-FL-GIRLS-BATHROOM							
M2104-04	OB-3RD-FL-GIRLS-BATHROOM		Copper	64.400		0.19	2.00	ug/L
M2104-04	OB-3RD-FL-GIRLS-BATHROO V		Lead	0.460	J	0.23	1.00	ug/L
1417 104-04	OD-MD-1 E-GIREO-DATTINGO V	, (1.0)	Doud	0.100	J	0.23	1.00	
Client ID:	NB-3RD-FL-GIRLS-BATHROOM							
M2104-05	NB-3RD-FL-GIRLS-BATHROO V	Vater	Copper	178.000		0.19	2.00	ug/L
M2104-05	NB-3RD-FL-GIRLS-BATHROO V	Vater	Lead	2.540		0.23	1.00	ug/L
Client ID:	NB-3RD-FL-WATER-FOUNTAIN							
M2104-06	NB-3RD-FL-WATER-FOUNTAI V	Vater	Copper	502.000		0.19	2.00	ug/L
M2104-06	NB-3RD-FL-WATER-FOUNTAI V	Vater	Lead	0.260	J	0.23	1.00	ug/L
Client ID :	NB-3RD-FL-BOYS-BATHROOM							
M2104-07	NB-3RD-FL-BOYS-BATHROO! V	<b>Vater</b>	Copper	109.000		0.19	2.00	ug/L
M2104-07	NB-3RD-FL-BOYS-BATHROON	Vater	Lead	0.460	J	0.23	1.00	ug/L
Client ID :	NB-3RD-FL-N-WATER-FOUNTAL	IN						
M2104-08	NB-3RD-FL-N-WATER-FOUNT V		Copper	743.000		0.19	2.00	ug/L
Client ID :	OB-2ND-FL-WATER-FOUNTAIN							
M2104-09	OB-2ND-FL-WATER-FOUNTAIN		Copper	138.000		0.19	2.00	ug/L
M2104-09	OB-2ND-FL-WATER-FOUNTAIV		Lead	0.420	J	0.23	1.00	ug/L
Client ID	OB-2ND-FL-BOYS-BATHROOM							
Client ID : M2104-10	OB-2ND-FL-BOYS-BATHROOM OB-2ND-FL-BOYS-BATHROON	Vater	Copper	105.000		0.19	2.00	ug/L
M2104-10 M2104-10	OB-2ND-FL-BOYS-BATHROO!		Lead	0.950	J	0.23	1.00	ug/L
1412104-10	OB-211D-1 L-DO I 3-DAITIROON	idol	Leuu	0.000	ń	0.23	1.00	b.D
Client ID:	OB-2ND-FL-GIRLS-BATHROOM			0.0000000000000000000000000000000000000		50 St-200	company and a second	155409
M2104-11	OB-2ND-FL-GIRLS-BATHROO V		Copper	102.000		0.19	2.00	ug/L
M2104-11	OB-2ND-FL-GIRLS-BATHROO	Nater	Lead	0.330	J	0.23	1.00	ug/L
Client ID:	NB-2ND-FL-BOYS-BATHROOM							
M2104-12	NB-2ND-FL-BOYS-BATHROO!	Nater	Copper	72.900		0.19	2.00	ug/L

M2104 **10 of 62** 





#### Hit Summary Sheet SW-846

SDG No.: Client:	M2104 Anna L. Klein School		Order ID: Project ID		M2104 Drinking Water - Lead &	& Copper	
Sample ID M2104-12	Client ID Matrix NB-2ND-FL-BOYS-BATHROO! Water	Parameter Lead	Concentration 1.590	С	MDL 0.23	RDL 1.00	Units ug/L
Client ID :	NB-2ND-FL-N-WATER-FOUNTAIN						
M2104-13	NB-2ND-FL-N-WATER-FOUNT Water	Copper	999.000		0.19	2.00	ug/L
M2104-13	NB-2ND-FL-N-WATER-FOUNT Water	Lead	0.590	J	0.23	1.00	ug/L
Client ID :	NB-2ND-FL-GIRLS-BATHROOM						
M2104-14	NB-2ND-FL-GIRLS-BATHROO Water	Copper	111.000		0.19	2.00	ug/L
M2104-14	NB-2ND-FL-GIRLS-BATHROO Water	Lead	0.770	J	0.23	1.00	ug/L
Client ID :	OB-1ST-FL-WATER-FOUNTAIN						
M2104-15	OB-1ST-FL-WATER-FOUNTAII Water	Copper	207.000		0.19	2.00	ug/L
M2104-15	OB-1ST-FL-WATER-FOUNTAIl Water	Lead	0.330	J	0.23	1.00	ug/L
Client ID :	OB-1ST-FL-BOYS-BATHROOM						
M2104-16	OB-1ST-FL-BOYS-BATHROON Water	Copper	168.000		0.19	2.00	ug/L
M2104-16	OB-1ST-FL-BOYS-BATHROON Water	Lead	0.750	J	0.23	1.00	ug/L
Client ID :	OB-1ST-FL-GIRLS-BATHROOM						
M2104-17	OB-1ST-FL-GIRLS-BATHROO! Water	Copper	47.300		0.19	2.00	ug/L
M2104-17	OB-1ST-FL-GIRLS-BATHROO! Water	Lead	0.420	J	0.23	1.00	ug/L
Client ID:	NB-1ST-FL-E-WATER-FOUNTAIN						
M2104-18	NB-1ST-FL-E-WATER-FOUNT/ Water	Copper	558.000		0.19	2.00	ug/L
M2104-18	NB-1ST-FL-E-WATER-FOUNT/ Water	Lead	0.680	J	0.23	1.00	ug/L
Client ID:	NB-1ST-FL-GIRLS-BATHROOM						
M2104-19	NB-1ST-FL-GIRLS-BATHROO! Water	Copper	136.000		0.19	2.00	ug/L
Client ID :	NB-1ST-FL-BOYS-BATHROOM						-
M2104-20	NB-1ST-FL-BOYS-BATHROON Water	Copper	61.900		0.19	2.00	
M2104-20	NB-1ST-FL-BOYS-BATHROON Water	Lead	1.330		0.23	1.00	ug/L
Client ID:	BASEMENT-GIRLS-BATHROOM						
M2104-21	BASEMENT-GIRLS-BATHROC Water	Copper	319.000		0.19	2.00	ug/L
M2104-21	BASEMENT-GIRLS-BATHROC Water	Lead	2.700		0.23	1.00	ug/L
Client ID:	BASEMENT-BOYS-BATHROOM						
M2104-22	BASEMENT-BOYS-BATHROO Water	Copper	35.600		0.19	2.00	
M2104-22	BASEMENT-BOYS-BATHROO Water	Lead	0.730	J	0.23	1.00	ug/L
Client ID :	BASEMENT-WATER-FOUNTAIN						
M2104-23	BASEMENT-WATER-FOUNTA Water	Copper	352.000		0.19	2.00	ug/L
M2104-23	BASEMENT-WATER-FOUNTA Water	Lead	0.280	J	0.23	1.00	ug/L

M2104 11 of 62



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#### Hit Summary Sheet SW-846

Parameter

Matrix

SDG No.:

M2104

Client ID

Order ID:

Concentration

M2104

MDL

Client:

Sample ID

Anna L. Klein School

Project ID:

C

Drinking Water - Lead & Copper

RDL Units

5

















### SAMPLE DATA

#### 5



Client: Anna L. Klein School Date Collected: 04/20/21 Drinking Water - Lead & Copper Date Received: 04/20/21 Project: SDG No.: M2104 FB-04-20-21 Client Sample ID: Lab Sample ID: M2104-01 Matrix: Water 0 % Solid: Level (low/med): low

Cas	Parameter	Conc.	Qu	a. D	F MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	0.22	J	1	0.19	2.00	ug/L	04/29/21 12:48	05/02/21 16:11	200.8
7439-92-1	Lead	0.23	U	1	0.23	1.00	ug/L	04/29/21 12:48	05/02/21 16:11	200.8

Color Before:

Colorless

Clarity Before:

Clear

Texture:

Color After:

Colorless

Clarity After:

Clear

Artifacts:

Comments:

Metals Group3

U = Not Detected

**CHEMTECH** 

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



Client: Anna L. Klein School Date Collected: 04/20/21 Date Received: 04/20/21 Project: Drinking Water - Lead & Copper OB-3RD-FL-WATER-FOUNTAIN SDG No .: M2104 Client Sample ID: Matrix: Water Lab Sample ID: M2104-02 % Solid: 0 Level (low/med): low

Cas	Parameter	Conc.	Qu	a. D	F MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	360		1	0.19	2.00	ug/L	04/29/21 12:48	05/02/21 16:14	200.8
7439-92-1	Lead	0.47	J	1	0.23	1.00	ug/L	04/29/21 12:48	05/02/21 16:14	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



Client: Anna L. Klein School Date Collected: 04/20/21 04/20/21 Project: Drinking Water - Lead & Copper Date Received: OB-3RD-FL-BOYS-BATHROOM SDG No.: M2104 Client Sample ID: Lab Sample ID: M2104-03 Matrix: Water % Solid: 0 Level (low/med): low

Cas	Parameter	Conc.	Qu	a. DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	72.1		1	0.19	2.00	ug/L	04/29/21 12:48	05/02/21 16:18	200.8
7439-92-1	Lead	0.47	J	1	0.23	1.00	ug/L	04/29/21 12:48	05/02/21 16:18	200.8

Color Before:

Colorless

Clarity Before:

Clear

Texture:

Color After: Comments:

Colorless

Metals Group3

Clarity After:

Clear

Artifacts:

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





Client: Anna L. Klein School Date Collected: 04/20/21 Date Received: 04/20/21 Project: Drinking Water - Lead & Copper SDG No.: M2104 OB-3RD-FL-GIRLS-BATHROOM Client Sample ID: Lab Sample ID: M2104-04 Matrix: Water % Solid: 0 Level (low/med): low

Cas	Parameter	Conc.	Qua.	DF MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	64.4	1	0.19	2.00	ug/L	04/29/21 12:48	05/02/21 16:21	200.8
7439-92-1	Lead	0.46	J 1	0.23	1.00	ug/L	04/29/21 12:48	05/02/21 16:21	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





Client: Anna L. Klein School Date Collected: 04/20/21 Date Received: Drinking Water - Lead & Copper 04/20/21 Project: NB-3RD-FL-GIRLS-BATHROOM SDG No.: M2104 Client Sample ID: Lab Sample ID: M2104-05 Matrix: Water % Solid: 0 Level (low/med): low

Cas	Parameter	Conc.	Qua. DF MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	178	1 0.19	2.00	ug/L	04/29/21 12:48	05/02/21 16:53	200.8
439-92-1	Lead	2.54	1 0.23	1.00	ug/L	04/29/21 12:48	05/02/21 16:53	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

5

D



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

#### **Report of Analysis**

Client: Anna L. Klein School Date Collected: 04/20/21 Date Received: 04/20/21 Project: Drinking Water - Lead & Copper SDG No.: M2104 NB-3RD-FL-WATER-FOUNTAIN Client Sample ID: Lab Sample ID: M2104-06 Matrix: Water % Solid: 0 Level (low/med): low

Cas	Parameter	Conc.	Qua	. DF MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	502		1 0.19	2.00	ug/L	04/29/21 12:48	05/02/21 16:56	200.8
7439-92-1	Lead	0.26	J	1 0.23	1.00	ug/L	04/29/21 12:48	05/02/21 16:56	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



D



#### **Report of Analysis**

Client: Anna L. Klein School Date Collected: 04/20/21 Drinking Water - Lead & Copper Date Received: 04/20/21 Project: NB-3RD-FL-BOYS-BATHROOM SDG No.: M2104 Client Sample ID: Lab Sample ID: M2104-07 Matrix: Water % Solid: 0 Level (low/med): low

Cas	Parameter	Conc.	Qua	. DF	MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	109		1	0.19	2.00	ug/L	04/29/21 12:48	05/02/21 16:59	200.8
439-92-1	Lead	0.46	J	1	0.23	1.00	ug/L	04/29/21 12:48	05/02/21 16:59	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





Client: Anna L. Klein School Date Collected: 04/20/21 Date Received: Project: Drinking Water - Lead & Copper 04/20/21 NB-3RD-FL-N-WATER-FOUNTAIN SDG No.: M2104 Client Sample ID: Lab Sample ID: M2104-08 Matrix: Water % Solid: 0 Level (low/med): low

Cas	Parameter	Conc.	Qua	a. DF MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	743		1 0.19	2.00	ug/L	04/29/21 12:48	05/02/21 17:02	200.8
7439-92-1	Lead	0.23	U	1 0.23	1.00	ug/L	04/29/21 12:48	05/02/21 17:02	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



M2104-09

Lab Sample ID:

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

#### **Report of Analysis**

Client: Anna L. Klein School Date Collected: 04/20/21

Project: Drinking Water - Lead & Copper Date Received: 04/20/21

Client Sample ID: OB-2ND-FL-WATER-FOUNTAIN SDG No.: M2104

Level (low/med): low % Solid: 0

Cas	Parameter	Conc.	Qua.	DF MDL	LOQ / CRQL	Units	<b>Prep Date</b>	Date Ana.	Ana Met.
7440-50-8	Copper	138	1	0.19	2.00	ug/L	04/29/21 12:48	05/02/21 17:05	200.8
7439-92-1	Lead	0.42	J 1	0.23	1.00	ug/L	04/29/21 12:48	05/02/21 17:05	200.8

Matrix:

Water

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

Date Collected: 04/20/21 Client: Anna L. Klein School Project: Drinking Water - Lead & Copper Date Received: 04/20/21 OB-2ND-FL-BOYS-BATHROOM SDG No.: M2104 Client Sample ID: Lab Sample ID: M2104-10 Matrix: Water 0 % Solid: Level (low/med): low

Cas	Parameter	Conc.	Qu	a. D	F MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	105		1	0.19	2.00	ug/L	04/29/21 12:48	05/02/21 17:08	200.8
7439-92-1	Lead	0.95	J	1	0.23	1.00	ug/L	04/29/21 12:48	05/02/21 17:08	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

D





#### **Report of Analysis**

Client: Anna L. Klein School Date Collected: 04/20/21 Date Received: 04/20/21 Drinking Water - Lead & Copper Project: OB-2ND-FL-GIRLS-BATHROOM SDG No.: M2104 Client Sample ID: Lab Sample ID: M2104-11 Matrix: Water % Solid: 0 Level (low/med): low

Cas	Parameter	Conc.	Qu	a. E	OF MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.	T.
7440-50-8	Copper	102		1	0.19	2.00	ug/L	04/29/21 12:48	05/02/21 17:11	200.8	C
7439-92-1	Lead	0.33	J	1	0.23	1.00	ug/L	04/29/21 12:48	05/02/21 17:11	200.8	I.i.

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



Client: Anna L. Klein School Date Collected: 04/20/21 Date Received: 04/20/21 Project: Drinking Water - Lead & Copper SDG No.: M2104 NB-2ND-FL-BOYS-BATHROOM Client Sample ID: Lab Sample ID: M2104-12 Matrix: Water % Solid: 0 Level (low/med): low

Cas	Parameter	Conc.	Qua. DF MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	72.9	1 0.19	2.00	ug/L	04/29/21 12:48	05/02/21 17:14	200.8
7439-92-1	Lead	1.59	1 0.23	1.00	ug/L	04/29/21 12:48	05/02/21 17:14	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



Date Collected: 04/20/21 Client: Anna L. Klein School Project: Drinking Water - Lead & Copper Date Received: 04/20/21 M2104 SDG No.: Client Sample ID: NB-2ND-FL-N-WATER-FOUNTAIN Matrix: Water Lab Sample ID: M2104-13 0 % Solid: Level (low/med): low

Cas	Parameter	Conc.	Qu	a. D	F MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	999		1	0.19	2.00	ug/L	04/29/21 12:48	05/02/21 17:17	200.8
7439-92-1	Lead	0.59	J	1	0.23	1.00	ug/L	04/29/21 12:48	05/02/21 17:17	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

5





#### **Report of Analysis**

Client: Anna L. Klein School Date Collected: 04/20/21 Date Received: 04/20/21 Project: Drinking Water - Lead & Copper M2104 NB-2ND-FL-GIRLS-BATHROOM SDG No.: Client Sample ID: Lab Sample ID: M2104-14 Matrix: Water % Solid: 0 Level (low/med): low

Cas	Parameter	Conc.	Qu	a. D	F MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	111		1	0.19	2.00	ug/L	04/29/21 12:48	05/02/21 17:20	200.8
439-92-1	Lead	0.77	J	1	0.23	1.00	ug/L	04/29/21 12:48	05/02/21 17:20	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

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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





04/20/21 Date Collected: Anna L. Klein School Client: Drinking Water - Lead & Copper Date Received: 04/20/21 Project: M2104 **OB-1ST-FL-WATER-FOUNTAIN** SDG No.: Client Sample ID: Water M2104-15 Matrix: Lab Sample ID: 0 Level (low/med): low % Solid:

Cas	Parameter	Conc.	Qu	a. D	F MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	207		1	0.19	2.00	ug/L	04/29/21 12:48	05/02/21 17:35	200.8
7439-92-1	Lead	0.33	J	1	0.23	1.00	ug/L	04/29/21 12:48	05/02/21 17:35	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





Client: Anna L. Klein School Date Collected: 04/20/21 Date Received: 04/20/21 Project: Drinking Water - Lead & Copper M2104 OB-1ST-FL-BOYS-BATHROOM SDG No.: Client Sample ID: Lab Sample ID: M2104-16 Matrix: Water % Solid: 0 Level (low/med): low

Cas	Parameter	Conc.	Qua.	DF MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	168	1	0.19	2.00	ug/L	04/29/21 12:48	05/02/21 17:38	200.8
7439-92-1	Lead	0.75	J 1	0.23	1.00	ug/L	04/29/21 12:48	05/02/21 17:38	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



Date Collected: 04/20/21 Client: Anna L. Klein School Drinking Water - Lead & Copper Project: Date Received: 04/20/21 M2104 SDG No.: Client Sample ID: OB-1ST-FL-GIRLS-BATHROOM Matrix: Water Lab Sample ID: M2104-17 0 % Solid: Level (low/med): low

Cas	Parameter	Conc.	Qu	a. D	F MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	47.3		1	0.19	2.00	ug/L	04/29/21 12:48	05/02/21 17:41	200.8
7439-92-1	Lead	0.42	J	1	0.23	1.00	ug/L	04/29/21 12:48	05/02/21 17:41	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



Date Collected: 04/20/21 Client: Anna L. Klein School 04/20/21 Project: Drinking Water - Lead & Copper Date Received: M2104 SDG No.: NB-1ST-FL-E-WATER-FOUNTAIN Client Sample ID: Matrix: Water Lab Sample ID: M2104-18 % Solid: 0 Level (low/med): low

Cas	Parameter	Conc.	Qu	a. D	F MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	558		1	0.19	2.00	ug/L	04/29/21 12:48	05/02/21 17:44	200.8
7439-92-1	Lead	0.68	J	1	0.23	1.00	ug/L	04/29/21 12:48	05/02/21 17:44	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

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



Client: Anna L. Klein School Date Collected: 04/20/21 Date Received: 04/20/21 Project: Drinking Water - Lead & Copper M2104 NB-1ST-FL-GIRLS-BATHROOM SDG No.: Client Sample ID: Lab Sample ID: M2104-19 Matrix: Water % Solid: 0 Level (low/med): low

Cas	Parameter	Conc.	Qua	a. D	F MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	136		1	0.19	2.00	ug/L	04/29/21 12:48	05/02/21 17:47	200.8
7439-92-1	Lead	0.23	U	1	0.23	1.00	ug/L	04/29/21 12:48	05/02/21 17:47	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



Client: Anna L. Klein School Date Collected: 04/20/21 Drinking Water - Lead & Copper Date Received: 04/20/21 Project: NB-1ST-FL-BOYS-BATHROOM SDG No.: M2104 Client Sample ID: Lab Sample ID: M2104-20 Matrix: Water % Solid: 0 Level (low/med): low

Cas	Parameter	Conc.	Qua. DF MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	61.9	1 0.19	2.00	ug/L	04/29/21 12:48	05/02/21 17:50	200.8
7439-92-1	Lead	1.33	1 0.23	1.00	ug/L	04/29/21 12:48	05/02/21 17:50	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

#### 5

#### **Report of Analysis**

Date Collected: 04/20/21 Client: Anna L. Klein School Date Received: 04/20/21 Project: Drinking Water - Lead & Copper M2104 BASEMENT-GIRLS-BATHROOM SDG No.: Client Sample ID: M2104-21 Matrix: Water Lab Sample ID: 0 % Solid: Level (low/med): low

Cas	Parameter	Conc.	Qua. DF MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	319	1 0.19	2.00	ug/L	04/29/21 12:48	05/02/21 17:53	200.8
7439-92-1	Lead	2.70	1 0.23	1.00	ug/L	04/29/21 12:48	05/02/21 17:53	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

#### 5

D

#### **Report of Analysis**

Client: Anna L. Klein School Date Collected: 04/20/21 Drinking Water - Lead & Copper Date Received: 04/20/21 Project: BASEMENT-BOYS-BATHROOM SDG No.: M2104 Client Sample ID: Lab Sample ID: M2104-22 Matrix: Water 0 % Solid: Level (low/med): low

Cas	Parameter	Conc.	Qu	a. D	F MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	35.6		1	0.19	2.00	ug/L	04/29/21 12:48	05/02/21 17:56	200.8
7439-92-1	Lead	0.73	J	1	0.23	1.00	ug/L	04/29/21 12:48	05/02/21 17:56	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

Anna L. Klein School Date Collected: 04/20/21 Client: Date Received: 04/20/21 Project: Drinking Water - Lead & Copper M2104 BASEMENT-WATER-FOUNTAIN SDG No.: Client Sample ID: Lab Sample ID: M2104-23 Matrix: Water % Solid: 0 Level (low/med): low

Cas	Parameter	Conc.	Qu	a. D	F MDL	LOQ / CRQL	Units	Prep Date	Date Ana.	Ana Met.
7440-50-8	Copper	352		1	0.19	2.00	ug/L	04/29/21 12:48	05/02/21 17:59	200.8
7439-92-1	Lead	0.28	J	1	0.23	1.00	ug/L	04/29/21 12:48	05/02/21 17:59	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

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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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of interference.

OR = Over Range

















## METAL CALIBRATION DATA





- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

CHEM

Client: 4

Anna L. Klein School
ANNA01

SDG No.:

Case No.:

M2104 M2104

SAS No.: M2104

D

Initial Calibration Source:

EPA

Continuing Calibration Source:

PLASMA-PURE

Lab Code:

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R	)	M	Analysis Date	Analysis Time	Run Number
ICV01	Copper Lead	108 195	101 206	107 95	90 - 110 90 - 110	P P		05/02/2021 05/02/2021	15:16 15:16	LB114243 LB114243

M2104 38 of 62



- 2a -

### INITIAL AND CONTINUING CALIBRATION VERIFICATION

CHEM

Client: Anna L. Klein School SDG No.:

Lab Code:

M2104

Case No.: M2104 SAS No.: M2104

Initial Calibration Source:

ANNA01

Contract:

EPA

Continuing Calibration Source: PLASMA-PURE

		Result								
		ug/L	True Value	%	Acceptance		Ana	lysis	Analysis	Run
Sample ID	Analyte			Recovery	Window (%R	)	M D:	ate	Time	Number
CCV09	Copper	5480	5000	110	90 - 110	P	05/02	/2021	15:44	LB114243
	Lead	2710	2500	108	90 - 110	P	05/02	/2021	15:44	LB114243
CCV10	Copper	5220	5000	104	90 - 110	P	05/02	/2021	16:39	LB114243
	Lead	2610	2500	104	90 - 110	P	05/02	/2021	16:39	LB114243
CCV11	Copper	5460	5000	109	90 - 110	P	05/02	/2021	17:23	LB114243
	Lead	2740	2500	110	90 - 110	P	05/02	/2021	17:23	LB114243
CCV12	Copper	5140	5000	103	90 - 110	P	05/02	/2021	18:05	LB114243
	Lead	2580	2500	103	90 - 110	P	05/02	/2021	18:05	LB114243
CCV13	Copper	5100	5000	102	90 - 110	P	05/02	/2021	18:28	LB114243
	Lead	2570	2500	103	90 - 110	P	05/02	/2021	18:28	LB114243



C D



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### Metals

- 2b -

### CRDL STANDARD FOR AA & ICP

Client: Anna L. Klein School SDG No.: M2104

Case No.:

ANNA01 Lab Code: CHEM M2104

SAS No.: M2104

**Initial Calibration Source:** 

Contract:

**Continuing Calibration Source:** 

Sample	ID Analyte	Result ug/L	True Value ug/L	% Recovery	Acceptance Window (%R)	М	Analysis Date	Analysis Time	Run Number
CRI	Copper	2.27	2.0	114	70 - 130	р	05/02/2021	15:57	LB114243
CKI	Lead	1.16	1.0	116	70 - 130	P	05/02/2021	15:57	LB114243







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### Metals

- 3a -

### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

CHEM

Lab Code:

Client: Contract:

Anna L. Klein School

ANNA01

SDG No.:

M2104

Case No.: M2104 SAS No.: M2104

E

Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
ICB01	Copper	2.00	+/-2.00	U	2.00	P	05/02/2021	15:35	LB114243
	Lead	1.00	+/-1.00	U	1.00	P	05/02/2021	15:35	LB114243

- 3a -

### INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY

Client: Anna L. Klein School SDG No.: M2104 SAS No.: M2104 M2104 ANNA01 Lab Code: **CHEM** Case No.: Contract:

	-		- 1/2010						
Sample ID	Analyte	Result ug/L	Acceptance Limit	Conc Qual	CRQL	M	Analysis Date	Analysis Time	Run Number
CCB09	Copper	0.24	+/-2.00	J	2.00	P	05/02/2021	15:53	LB114243
	Lead	1.00	+/-1.00	U	1.00	P	05/02/2021	15:53	LB114243
CCB10	Copper	0.21	+/-2.00	J	2.00	P	05/02/2021	16:48	LB114243
	Lead	1.00	+/-1.00	U	1.00	P	05/02/2021	16:48	LB114243
CCB11	Copper	0.25	+/-2.00	J	2.00	P	05/02/2021	17:32	LB114243
	Lead	1.00	+/-1.00	U	1.00	P	05/02/2021	17:32	LB114243
CCB12	Copper	0.23	+/-2.00	J	2.00	P	05/02/2021	18:17	LB114243
	Lead	1.00	+/-1.00	U	1.00	P	05/02/2021	18:17	LB114243
CCB13	Copper	0.48	+/-2.00	J	2.00	P	05/02/2021	18:35	LB114243
	Lead	0.30	+/-1.00	J	1.00	P	05/02/2021	18:35	LB114243













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Metals

- 3b -

### PREPARATION BLANK SUMMARY

Client:

Anna L. Klein School

SDG No.:

M2104

Instrument:

P8

Sample ID	Analyte	Result (ug/L)	Acceptance Limit	Conc Qual	CRQL ug/L	M	Analysis . Date	Analysis Time	Run	
PB136069BL		WATER		Batch Number:	PB136069		Prep Date:	04/29/20	021	
	Copper	2.00	< 2.00	U	2.00	P	05/02/2021	16:00	LB11424	
	Lead	1.00	<1.00	U	1.00	P	05/02/2021	16:00	LB11424	





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### Metals

-4-

### INTERFERENCE CHECK SAMPLE

Client: Anna L. Klein School SDG No.:

M2104

Contract:

ANNA01

Lab Code: CHEM Case No.:

M2104

SAS No.: M2104

5

**ICS Source:** 

**EPA** 

Instrument ID:

P8

Sample ID	Analyte	Result ug/L	True Value ug/L	% Recovery	Low Limit (ug/L)	High Limit (ug/L)	Analysis Date	Analysis Time	Run Number
ICSA01	Copper	8.34	8.0	104	4	12	05/02/2021	15:38	LB114243
	Lead	4.21	4.0	105	2	6	05/02/2021	15:38	LB114243
ICSAB01	Copper	28.5	25.0	114	20	30	05/02/2021	15:41	LB114243
	Lead	22.9	25.0	92	20	30	05/02/2021	15:41	LB114243





















### METAL QC DATA

5



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### metals - 5a -

### MATRIX SPIKE SUMMARY

client:	Anna L. Klein Sch	iool	level	:	low		sdg no.:	M2104		_	
contract:	ANNA01		lab c	ode	: CHEM	1	case no.:	M2104	sa	s no.:	M2104
matrix:	Water		sample id	l:	M2104-04		client id:	OB-3RD-FL	-GIRLS-1	BATHRO	OOMMS
Percent S	olids for Sample:	NA	Spiked II	):	M2104-0	4MS	Percent Solid	ls for Spike Sa	ample:	N	A
Analyte	Units	Acceptance Limit %R	Spiked Result	C	Sample Result	C	Spike Added	% Recovery	Qual	M	
Copper	ug/L	70 - 130	5540		64.4		5000	110		P	
	ug/L	70 - 130	2580		0.46		2500	103		D	

M2104 **46 of 62** 



### metals

- 5a -

### MATRIX SPIKE DUPLICATE SUMMARY

client:	Anna L. Klein Sch	iool	lev	el:	low		sdg no.:	M2104			
contract:	ANNA01		lab	code	: CHEM	1	case no.:	M2104	sa	is no.:	M2104
matrix:	Water		sample	id:	M2104-04		client id:	OB-3RD-FL	-GIRLS-1	BATHROO	MMSD
Percent Soli	ds for Sample:	NA	Spiked	ID:	M2104-04	4MSD	Percent Solid	ls for Spike Sa	ample:	NA	
Analyte	Units	Acceptance Limit %R	MSD Result	C	Sample Result	C	Spike Added	% Recovery	Oual	M	
Maryte	ug/L	70 - 130	5430	1700	64.4		5000	107	Quai	P	
Copper											



- 5b -

Client: A	nna L. Klein Sc	chool				SDG No.:	M2104			
Contract:	ANNA01		Lab Code	: CHEM		Case No.:	M2104	s	AS No.:	M2104
Matrix:			Level:	LOW		_ Client ID:	7 <b>E</b> -1			
Sample ID:			Spiked ID:							
		Acceptance		Sample		Spike	%			
Analyte	Units	Limit %R	C	Result	$\mathbf{C}$	Added	Recovery	Qual	M	

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5

M2104



- 6 -

### **DUPLICATE SAMPLE SUMMARY**

Client: Anna L. Klein School Level: LOW SDG No.: M2104

Contract: ANNA01 Lab Code: CHEM Case No.: M2104 SAS No.: M2104

Matrix: Water Sample ID: M2104-04 Client ID: OB-3RD-FL-GIRLS-BATHROOMDUP

NA Duplicate ID M2104-04DUP Percent Solids for Spike Sample: Percent Solids for Sample: Duplicate Acceptance Sample Result RPD Analyte Units Limit Result  $\mathbf{C}$ C Qual M Copper ug/L 20 64.4 62.1 4 P P 20 J 0.43 7 Lead ug/L 0.46 J



- 6 -

### DUPLICATE SAMPLE SUMMARY

Client: Anna L. Klein School Level: LOW SDG No.: M2104

 Contract:
 ANNA01
 Lab Code:
 CHEM
 Case No.:
 M2104
 SAS No.:
 M2104

 Matrix:
 Water
 Sample ID:
 M2104-04MS
 Client ID:
 OB-3RD-FL-GIRLS-BATHROOMMSD

Percent Solids f	or Sample:	NA	Duplicate ID M2	2104-04MS	SD Percer	t Solids	for Spike S	ample:	NA	
Analyte	Units	Acceptance Limit	Sample Result	C	Duplicate Result	C	RPD	Qual	M	
Copper	ug/L	20	5540		5430	0	2	11.77	P	
Lead	ug/L	20	2580		2460	0	5		P	

5



### Metals

-7-

### LABORATORY CONTROL SAMPLE SUMMARY

Client:

Anna L. Klein School

SDG No.: M2104

Contract:

ANNA01

Lab Code:

CHEM

Case No.: M2104

SAS No.:

M2104

Analyte	Units	True Value	Result	C	% Recovery	Acceptance Limits	M	F
PB136069BS								
Copper	ug/L	5000	5120		102	85 - 115	P	170
Lead	ug/L	2500	2530		101	85 - 115	P	

51 of 62 M2104





-9 -

### ICP SERIAL DILUTIONS

SAMPLE NO.

OB-3RD-FL-GIRLS-BATHROOML

 Lab Name:
 Chemtech Consulting Group
 Contract:
 ANNA01

 Lab Code:
 CHEM
 Lb No.:
 lb114243
 Lab Sample ID :
 M2104-04L
 SDG No.:
 M2104

 Matrix (soil/water):
 Water
 Level (low/med):
 LOW

Concentration Units:

ug/L

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	;	% Differ- ence	Q	M
Copper	6	4.4		63.6		1		P
Lead	0	.46 J		5.00	U	100.0		P



6 D

















# METAL PREPARATION & INSTRUMENT DATA











### H

## METAL PREPARATION & ANALYICAL SUMMARY



ANNA01

Contract:

### Metals - 13 -

### SAMPLE PREPARATION SUMMARY

Method:

Client: Anna L. Klein School SDG No.: M2104 Lab Code:

CHEM M2104 M2104 Case No.: SAS No.:

Sample ID	Client ID	Sample Type	Matrix	Prep Date	Initial Sample Size(mL)	Final Sample Volume (mL)	Percent Solids
Batch Number	: PB136069						
M2104-01	FB-04-20-21	SAM	WATER	04/29/2021	50.0	50.0	
M2104-02	OB-3RD-FL-WATER-FOUNTAIN	SAM	WATER	04/29/2021	50.0	50.0	
M2104-03	OB-3RD-FL-BOYS-BATHROOM	SAM	WATER	04/29/2021	50.0	50.0	
M2104-04	OB-3RD-FL-GIRLS-BATHROOM	SAM	WATER	04/29/2021	50.0	50.0	
M2104-04DUP	OB-3RD-FL-GIRLS-BATHROOMDUP	DUP	WATER	04/29/2021	50.0	50.0	
M2104-04MS	OB-3RD-FL-GIRLS-BATHROOMMS	MS	WATER	04/29/2021	50.0	50.0	
M2104-04MSD	OB-3RD-FL-GIRLS-BATHROOMMSD	MSD	WATER	04/29/2021	50.0	50.0	
M2104-05	NB-3RD-FL-GIRLS-BATHROOM	SAM	WATER	04/29/2021	50.0	50.0	
M2104-06	NB-3RD-FL-WATER-FOUNTAIN	SAM	WATER	04/29/2021	50.0	50.0	
M2104-07	NB-3RD-FL-BOYS-BATHROOM	SAM	WATER	04/29/2021	50.0	50.0	
M2104-08	NB-3RD-FL-N-WATER-FOUNTAIN	SAM	WATER	04/29/2021	50.0	50.0	
M2104-09	OB-2ND-FL-WATER-FOUNTAIN	SAM	WATER	04/29/2021	50.0	50.0	
M2104-10	OB-2ND-FL-BOYS-BATHROOM	SAM	WATER	04/29/2021	50.0	50.0	
M2104-11	OB-2ND-FL-GIRLS-BATHROOM	SAM	WATER	04/29/2021	50.0	50.0	
M2104-12	NB-2ND-FL-BOYS-BATHROOM	SAM	WATER	04/29/2021	50.0	50.0	
M2104-13	NB-2ND-FL-N-WATER-FOUNTAIN	SAM	WATER	04/29/2021	50.0	50.0	
M2104-14	NB-2ND-FL-GIRLS-BATHROOM	SAM	WATER	04/29/2021	50.0	50.0	
M2104-15	OB-1ST-FL-WATER-FOUNTAIN	SAM	WATER	04/29/2021	50.0	50.0	
M2104-16	OB-1ST-FL-BOYS-BATHROOM	SAM	WATER	04/29/2021	50.0	50.0	
M2104-17	OB-1ST-FL-GIRLS-BATHROOM	SAM	WATER	04/29/2021	50.0	50.0	
M2104-18	NB-1ST-FL-E-WATER-FOUNTAIN	SAM	WATER	04/29/2021	50.0	50.0	
M2104-19	NB-1ST-FL-GIRLS-BATHROOM	SAM	WATER	04/29/2021	50.0	50.0	
M2104-20	NB-1ST-FL-BOYS-BATHROOM	SAM	WATER	04/29/2021	50.0	50.0	
M2104-21	BASEMENT-GIRLS-BATHROOM	SAM	WATER	04/29/2021	50.0	50.0	
M2104-22	BASEMENT-BOYS-BATHROOM	SAM	WATER	04/29/2021	50.0	50.0	
M2104-23	BASEMENT-WATER-FOUNTAIN	SAM	WATER	04/29/2021	50.0	50.0	
PB136069BL	PB136069BL	MB	WATER	04/29/2021	50.0	50.0	
PB136069BS	PB136069BS	LCS	WATER	04/29/2021	50.0	50.0	

M2104 55 of 62



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### ANALYSIS RUN LOG

Client:	Anna L. Klein S	School				Contract:	ANNA01	
Lab code:	CHEM	Case no.:	M2104	Sas no.:	M2104	Sdg no.:	M2104	

Instrument id number: Method: Run number: LB114243

Start date:	05/02/2021	End date:	05/02/2021	
-------------	------------	-----------	------------	--

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
S0	S0	1	1442	Cu,Pb
S2	S2	1	1448	Cu,Pb
S3	S3	1	1451	Cu,Pb
S4	S4	1	1454	Cu,Pb
S5	S5	1	1457	Cu,Pb
S6	S6	1	1500	Cu,Pb
S7	S7	1	1503	Cu,Pb
S8	S8	1	1506	,
ICV01	ICV01	1	1516	Cu,Pb
ICB01	ICB01	1	1535	Cu,Pb
ICSA01	ICSA01	1	1538	Cu,Pb
ICSAB01	ICSAB01	1	1541	Cu,Pb
CCV09	CCV09	1	1544	Cu,Pb
CCB09	CCB09	1	1553	Cu,Pb
CRI	CRI	1	1557	Cu,Pb
PB136069BL	PB136069BL	1	1600	Cu,Pb
PB136069BS	PB136069BS	1	1603	Cu,Pb
M2104-01	FB-04-20-21	1	1611	Cu,Pb
M2104-02	OB-3RD-FL-WATER-FOUNTAL	1	1614	Cu,Pb
M2104-03	OB-3RD-FL-BOYS-BATHROO	1	1618	Cu,Pb
M2104-04	OB-3RD-FL-GIRLS-BATHROO	1	1621	Cu,Pb
M2104-04DUP	OB-3RD-FL-GIRLS-BATHROO	1	1624	Cu,Pb
M2104-04L	OB-3RD-FL-GIRLS-BATHROO	5	1627	Cu,Pb
CCV10	CCV10	1	1639	Cu,Pb
CCB10	CCB10	1	1648	Cu,Pb
M2104-05	NB-3RD-FL-GIRLS-BATHROO	1	1653	Cu,Pb
M2104-06	NB-3RD-FL-WATER-FOUNTAL	1	1656	Cu,Pb
M2104-07	NB-3RD-FL-BOYS-BATHROO	1	1659	Cu,Pb
M2104-08	NB-3RD-FL-N-WATER-FOUNT	1	1702	Cu,Pb
M2104-09	OB-2ND-FL-WATER-FOUNTA	1	1705	Cu,Pb
M2104-10	OB-2ND-FL-BOYS-BATHROO	1	1708	Cu,Pb
M2104-11	OB-2ND-FL-GIRLS-BATHROC	1	1711	Cu,Pb
M2104-12	NB-2ND-FL-BOYS-BATHROO	1	1714	Cu,Pb
M2104-13	NB-2ND-FL-N-WATER-FOUNT	1	1717	Cu,Pb
M2104-14	NB-2ND-FL-GIRLS-BATHROC	1	1720	Cu,Pb
CCV11	CCV11	1	1723	Cu,Pb
CCB11	CCB11	1	1732	Cu,Pb
M2104-15	OB-1ST-FL-WATER-FOUNTAI	1	1735	Cu,Pb
M2104-16	OB-1ST-FL-BOYS-BATHROOM	_	1738	Cu,Pb
M2104-17	OB-1ST-FL-GIRLS-BATHROO	1	1741	Cu,Pb
M2104-18	NB-1ST-FL-E-WATER-FOUNT.	_	1744	Cu,Pb
M2104-19	NB-1ST-FL-GIRLS-BATHROO	1	1747	Cu,Pb
M2104-20	NB-1ST-FL-BOYS-BATHROOM	1	1750	Cu,Pb

B C D F C



### metals

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### ANALYSIS RUN LOG

Client:	Anna L. Klein S	chool				Contract: A	NNA01
Lab code:	CHEM	Case no.:	M2104	Sas no.:	M2104	Sdg no.: M2	104
Instrument	id number:		Method:			Run number:	LB114243
							Water the second

Start date:	05/02/2021	End date:	05/02/2021	
				_

Lab sample id.	Client Sample Id	d/f	Time	Parameter list
M2104-21	BASEMENT-GIRLS-BATHRO(	1	1753	Cu,Pb
M2104-22	BASEMENT-BOYS-BATHROC	1	1756	Cu,Pb
M2104-23	BASEMENT-WATER-FOUNTA	1	1759	Cu,Pb
M2104-04MS	OB-3RD-FL-GIRLS-BATHROO	1	1802	Cu,Pb
CCV12	CCV12	1	1805	Cu,Pb
CCB12	CCB12	1	1817	Cu,Pb
M2104-04MSD	OB-3RD-FL-GIRLS-BATHROO	1	1822	Cu,Pb
CCV13	CCV13	1	1828	Cu,Pb
CCB13	CCB13	1	1835	Cu,Pb

M2104



### SHIPPING DOCUMENTS

M2104 58 of 62

	284 St	_	untains	side, 🗠	07092								7.0	
7		(908) 789-8900 Fa	806) :xi	Fax: (908) 78-8922	22	<u> </u>	Shem	Chemtech Project Number:	oject	N E N	::		12/1/20	
CHAIN OF CU!	CHAIN OF CUSTODY RECORD	www.chemtech.net	tech.ne	<del></del>			SOC	COC Number:						
	CLIENT INFORMATION	NOJUK KYOENIJASEKOYO	OF IN	ORNA	NON.		200			BILL	INCH	* BILLING INFORMATION	TION	2
COMPANY: Anna l	COMPANY: Anna L. Klein School (Guttenberg Sch Dist)	PROJECT NAME: Pb & Cu DW	Cu DW				BILL TO:					Ä	PO#	
ADDRESS: 301 69th St	oth St	PROJECT #:		LOCATION	NO!		ADDRESS	ÿ					Ì	
CITY Guttenberg	STATE: NJ ZIP: 07093	PROJECT MANAGER:				Ĭ	CITY:					S		ZIP:
ATTENTION: Karen Huebsch		E-MAIL:				,	ATTENTION	Ö				ā	PHONE	
PHONE: 201 861-3100 x10	FAX:	PHONE		FAX:				B. 12	NV.	* ANALYSIS * T			F***	
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			SAMPLE TYPE		SAMPLE	s	B/E						& :	fy Pr
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	COMP	DATE	TIME	# of Bottle	-	3	4	ις	6 7	∞	A-HCI C-H2S B-ICE	A-HCI B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
<del>-</del>	FB-04-20-21	Field Blank	×	4/20/21	10639	-	×				-			
.5	OB-3RD-FL-WATER-FOUNTAIN	Drinking Water	<u>×</u>	4/20/21	10641	-	×	$\dashv$						
છ	OB-3RD-FL-BOYS-BATHROOM	Drinking Water	×		4/20/21 Blod 2	-	×							
4.	OB-3RD-FL-GIRLS-BATHROOM	Drinking Water	×		4120121 156×13	₹~-	×							
5.	NB-3RD-FL-GIRLS-BATHROOM	Drinking Water	×		4/20/21 Obylo		×	1	_		1			
6.	NB-3RD-FL-WATER-FOUNTAIN	Drinking Water	×		4/20/21 0105/D	-	×							
7.	NB-3RD-FL-BOYS-BATHROOM	Drinking Water	×	4/20/21	1 0647	-	×	_			-			
8.	NB-3RD-FL-N-WATER-FOUNTAIN	Drinking Water	×	4/20/21	10651	-	×	_						
9.	OB-2ND-FL-WATER-FOUNTAIN	Drinking Water	×	4/20/21	10700	-	×	_						
10.	OB-2ND-FL-BOYS-BATHROOM	Drinking Water	×	4/20/21	1070	-	×							
	сиsторумиs	로 (기술 등 등 기술	i≢∆(G), Tri	(5) (1)	TILLE SALLEHES GHANGE PROSSESSIONINGLUDINGCOURIER DEUMERY	ANG	PR0	SS1170			S N N	OURIE	ROELIVE	RY
RELINQUISHERBY SAMPLER  1. RELINQUISHED BY	SY SAMPJER DATE/TIME B660 RECEIVED BY  4 20 21 1.  A 120 121 1.  BY  BY	3 ≥ 3	Conditions MeOH extra Comments:	s of bottle action req	Conditions of bottles or coolers at receipt: '操(Compliant MeOH extraction requires an additional 4oz. Jar for percent solid Comments:	at receitional 40	ipt: ጎ z. Jarfo	r percen	Compliant ercent solid	<u>8</u>	☐ Non Compliant	Ö	☐ Cooler Temp <u>S:</u> ☐ Ice in Coole <i>r?</i> ;	87: 55°C
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RELINGUISHED E	172/2		Page	Ì	3	SHIPPED VA: CLIENT: D Hand Delivered CHEMTECH:	PPED VIA: CLI CHEMTECH:	ENT: O	f: 🗅 Hand Deli	vered 🗅	☐ Overnight ☐ Overnight		<i>≣</i> IX	Shipment Complete
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		284 Shaffald Street Mountainside N 1 07092	Cumfain	Side N	1 07002								
5		(908) 789-8900 F	Fax: (908) 78-8922	B) 78-89	322	<u></u>	Chem	Chemtech Project Number:	ect N	umber			MZIOH
CHAIN OF CUS	CHAIN OF CUSTODY RECORD	www.chemtech.net	ntech.n	#			ပိုင်	COC Number:					
	CLIENT INFORMATION TO THE				Provent Carlotte					BITTER	GINE	BILLINGINEORWATION	N.G
COMPANY: Anna L	COMPANY: Anna L. Klein School (Guttenberg Sch Dist)	PROJECT NAME: Pb & Cu DW	& Cu DW				BILL TO:					**************************************	
ADDRESS: 301 69th St		PROJECT #:		LOCATION:	TION:		ADDRESS:	ë					
CITY Guttenberg	STATE: NJ ZIP: 07093	PROJECT MANAGER:					CITY:					STATE	E ZIP:
ATTENTION: Karen Huebsch	т Huebsch	E-MAIL:				,	ATTENTION	:NOI				PHONE:	Ë
PHONE: 201 861-3100 x10	FAX:	PHONE		FAX:					WINT.	NSIS.	ANAILYSIS		
DATA	DATA TURNAROUND INFORMATION	ৰ্ন	VIERA(B)		TAN DELIVERY OF STREET				_			_	
5. e L			3			Ī	ober						
HARD COPY: 10 EDD	DAYS*	☐ RESULTS ONLY * RESULTS * QC ☐ New Jersey RFD110FD	000	USEPA CLP New York St New York Sta	USEPA CLP New York State ASP "B" New York State ASP "B"	_	log rear					<del></del>	
* TO BE APPROVI	* TO BE APPROVED BY CHEMTECH	☐ New Jersey CLP		Other		<del></del>	-	2	4	5	<u> </u>	6 0	-
יאסו מעצמאינים		D EDD Format			ţ			ď	RESER!	W. VITE IV.	PRESERVATIVES **		COMMENTS
			SAMPLE TYPE		SAMPLE COLLECTION	s	B/E						< Specify Preservatives
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE	COMP	DATE	TWL	ethos to	,		4		٨	a	A-HCI B-HNO3 C-H2SO4 D-NaOH E-ICE F-Other
1	OB-2ND-FL-GIRLS-BATHROOM	Drinking Water	×	╅	10	<i>+</i> -	×	<b></b>	1			-	
2.	NB-2ND-FL-BOYS-BATHROOM	Drinking Water	×	4/20/21	21 0657	1	×						
3.	NB-2ND-FL-N-WATER-FOUNTAIN	Drinking Water	<u>×</u>	4/20/21	27 DESS	+	×						11111
4.	NB-2ND-FL-GIRLS-BATHROOM	Drinking Water	×	4/20/21	P620 19	7-	×			_			
5.	OB-1ST-FL-WATER-FOUNTAIN	Drinking Water	×		4/20/21 0709	χ-	×						
6.	OB-1ST-FL-BOYS-BATHROOM	Drinking Water	×	4/20/21	070 11	_	×						
7.	OB-1ST-FL-GIRLS-BATHROOM	Drinking Water	×	4/20/21	1140 11	-	×						and Application of the Control of th
8.	NB-1ST-FL-E-WATER-FOUNTAIN	Drinking Water	×	4/20/21	1 070g	-	×						
9.	NB-1ST-FL-GIRLS-BATHROOM	Drinking Water	×	4/20/21	1 0705	-	×						
10.	NB-1ST-FL-BOYS-BATHROOM	Drinking Water	×	4/20/21		,-	×						
SV	ರ	크시((트리크트)), (트		(S €)(L		MANGE	<u>અંજ</u>	SESS(0)		Nigon	છાંછા	IRIER	ANGE PROSSESSION INGUNDING COURIERIDEENERY
RELINGUISHEDBY SAMPLEY	SAMPLER DATE/TIME/BOO RECEIVED BY L()2012/1.	<u> </u>	Conditions MeOH extrac	s of bottle action req	Conditions of bottles or coolers at receipt: A Compliant MeOH extraction requires an additional 4oz. Jar for percent solid Comments:	: <b>at recei</b> tional 4oz	ot: A	Compliant or percent solid		☐ Non Compliant	mpliant	COO!	□ Cooler Temp 5-5^^ \
RELINQUISHED BY													
RELINQUISHER BY	14 2021 3.		Page	2 of	8	SHIPPED 1 CHEMT	/IA: CLIE TECH:	SHIPPED VIA: CLIENT: D Hand Delivered Dovernight CHEMTECH: A Picked Up Dovernight	Delivere d Up	a Dove	might might		Shipment Complete
)	WHITE - CHEMTECH COPYFOR	COPYFOR RETURN TO CLIENT	TO CLIEN		YELLOW - CHEMTECH COPY	MTECH (	Š Š	PINK - SAMPLER COPY	AMPLE	R COP			

		284 Sheffield Street, Mountainside, NJ 07092	Aountai	nside, I	260Z0 IN									
		(908) 789-8900	Fax: (908) 78-8922	8) 78-8	1922		Chemt	Chemtech Project Number:	oject N	umber			M2104	
CHAIN OF CU	CHAIN OF CUSTODY RECORD	www.chemtech.net	mtech.	ıet			N COC	COC Number:						
	CLIENT INFORMATION		Kenizen intera	HORW.	NE JA					BIEEIN	CINE	BIMMINGINEORMATION	NO	
COMPANY: Anna I	COMPANY: Anna L. Klein School (Guttenberg Sch Dist)	PROJECT NAME: Pb	NAME: Pb & Cu DW				BILL TO:					<u></u>	A Commission of the Commission	
ADDRESS: 301 69th St	th St	PROJECT #:		/DOT	LOCATION:		ADDRESS	.;						
CITY Guttenberg	STATE: NJ ZIP: 07093	PROJECT MANAGER:	رن				CITY:					STATE	TE: ZIP:	
ATTENTION: Karen Huebsch	n Huebsch	E-MAIL;				,	ATTENTION:	NO				PHONE	NE	
PHONE: 201 861-3100 x10	00 x10 FAX:	z		FAX:				4	ANALYSIS	<b>SIS</b> X		25.70		
DATA	DATA TURNAROUNDJINFORMATION	<u> </u>	ಶಿತಟಿಗಳಾಣ	N THE	MFOLL BINGS			_						
FAX: HARD COPY:_10_	DAYS*	☐ RESULTS ONLY		USEPA New Yo	USEPA CLP     New York State ASP "B"		Coppe						_	, <u>, , , , , , , , , , , , , , , , , , </u>
* TO BE APPROV STANDARD THRA	*TO BE APPROVED BY CHEMTECH *TO BE APPROVED BY CHEMTECH STANDARD THRNAROLIND TIME IS 10 RUSINESS DAYS	☐ New Jersey KED!		New Yor Other	K State ASP "A	 	-	2 3	4	5 6	-	6		
		☐ EDD Format	:			1			PRESERWATINES ***	AMPRING.	5		COMMENTS	STIS
			SAMPLE		SAMPLE COLLECTION	S	B/E						رخ بو	servatives
CHEMTECH SAMPLE ID	PROJECT SAMPLE IDENTIFICATION	SAMPLE MATRIX	GWOO	යිදි DATE	IE TIME	elito8 to #	<b>-</b>	3	4	9 9	7	σ &	A-HCI E-H2SO4 D	B-HN03 D-NaOH F-Other
1.	BASEMENT-GIRLS-BATHROOM	Drinking Water		X 4/20/21	41F0 12	<b>"</b> -	×							
2.	BASEMENT-BOYS-BATHROOM	Drinking Water		X 4/20/21	21 075	1	×							
3.	BASEMENT-WATER-FOUNTAIN	Drinking Water		X 4/20/21	21 BFF	1	×		:					
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RELINQUISHED BY 3.	DATE/TIME, DO RECEIVED FOR LAB	AR BY	Page	3 of	3	SHIPPED	VIA: CLIE TECH:	SHIPPED VIA: CLIENT: 🗆 Hand Delivered 🗆 Overnight CHEMTECH: 🗘 Picked Up 🗆 Overnight	d Delivere ed Up	d 🗆 Ove	might night		Shipment Complete	mplete
)	WHITE - CHEMTECH COPYFOR		RETURN TO CLIENT		YELLOW - CHEMTECH COPY	МТЕСН	YOΩ	PINK -	PINK - SAMPLER COPY	R COPY				



### 6.2

### Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0649
DOD ELAP (L-A-B)	L2219
Maine	2020021
Maryland	296
New Hampshire	255420
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	P330-18-00132
Texas	T104704488-20-13