

## **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**

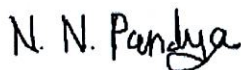
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**Client Sample Number**

FB-04-20-21  
OB-3RD-FL-WATER-FOUNTAIN  
OB-3RD-FL-BOYS-BATHROOM  
OB-3RD-FL-GIRLS-BATHROOM  
NB-3RD-FL-GIRLS-BATHROOM  
NB-3RD-FL-WATER-FOUNTAIN  
NB-3RD-FL-BOYS-BATHROOM  
NB-3RD-FL-N-WATER-FOUNTAIN  
OB-2ND-FL-WATER-FOUNTAIN  
OB-2ND-FL-BOYS-BATHROOM  
OB-2ND-FL-GIRLS-BATHROOM  
NB-2ND-FL-BOYS-BATHROOM  
NB-2ND-FL-N-WATER-FOUNTAIN  
NB-2ND-FL-GIRLS-BATHROOM  
OB-1ST-FL-WATER-FOUNTAIN  
OB-1ST-FL-BOYS-BATHROOM  
OB-1ST-FL-GIRLS-BATHROOM  
NB-1ST-FL-E-WATER-FOUNTAIN  
NB-1ST-FL-GIRLS-BATHROOM  
NB-1ST-FL-BOYS-BATHROOM  
BASEMENT-GIRLS-BATHROOM  
BASEMENT-BOYS-BATHROOM  
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 : \_

**APPROVED**

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

Date: 5/4/2021

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

**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. Pandya***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:

|           |   |
|-----------|---|
| <b>J</b>  | 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).  |
| <b>U</b>  | Indicates the analyte was analyzed for, but not detected.   |
| <b>ND</b> | Indicates the analyte was analyzed for, but not detected  |
| <b>E</b>  | Indicates the reported value is estimated because of the presence of interference   |
| <b>M</b>  | Indicates Duplicate injection precision not met.  |
| <b>N</b>  | Indicates the spiked sample recovery is not within control limits.  |
| <b>S</b>  | Indicates the reported value was determined by the Method of Standard Addition (MSA).   |
| <b>*</b>  | Indicates that the duplicate analysis is not within control limits.   |
| <b>+</b>  | Indicates the correlation coefficient for the MSA is less than 0.995.   |
| <b>D</b>  | Indicates the reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.   |
| <b>M</b>  | Method qualifiers<br>"P" for ICP instrument<br>"PM" for ICP when Microwave Digestion is used<br>"CV" for Manual Cold Vapor AA<br>"AV" for automated Cold Vapor AA<br>"CA" for MIDI-Distillation Spectrophotometric<br>"AS" for Semi -Automated Spectrophotometric<br>"C" for Manual Spectrophotometric<br>"T" for Titrimetric<br>"NR" for analyte not required to be analyzed |
| <b>OR</b> | Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.  |
| <b>Q</b>  | Indicates the LCS did not meet the control limits requirements  |
| <b>H</b>  | 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

✓

### 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

✓

1st Level QA Review Signature:

SOHIL JODHANI

Date: 05/04/2021

2nd Level QA Review Signature:

N. N. Pandya

**APPROVED**

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

## LAB CHRONICLE

OrderID: M2104  
Client: Anna L. Klein School  
Contact: Karen Huebsch

OrderDate: 4/20/2021 10:35:01 AM  
Project: Drinking Water - Lead & Copper  
Location: O41

| 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<br>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<br>THROOM    | Water  | Metals Group3 | 200.8  | 04/20/21    | 04/29/21  | 05/02/21  | 04/20/21 |
| M2104-04 | OB-3RD-FL-GIRLS-BA<br>THROOM   | Water  | Metals Group3 | 200.8  | 04/20/21    | 04/29/21  | 05/02/21  | 04/20/21 |
| M2104-05 | NB-3RD-FL-GIRLS-BA<br>THROOM   | Water  | Metals Group3 | 200.8  | 04/20/21    | 04/29/21  | 05/02/21  | 04/20/21 |
| M2104-06 | NB-3RD-FL-WATER-F<br>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<br>HROOM    | Water  | Metals Group3 | 200.8  | 04/20/21    | 04/29/21  | 05/02/21  | 04/20/21 |
| M2104-08 | NB-3RD-FL-N-WATER-<br>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<br>OUNTAIN   | Water  | Metals Group3 | 200.8  | 04/20/21    | 04/29/21  | 05/02/21  | 04/20/21 |
| M2104-10 | OB-2ND-FL-BOYS-BA<br>THROOM    | Water  | Metals Group3 | 200.8  | 04/20/21    | 04/29/21  | 05/02/21  | 04/20/21 |



# LAB CHRONICLE

|          |                                |       |               |       |          |          |          |          |
|----------|--------------------------------|-------|---------------|-------|----------|----------|----------|----------|
| M2104-11 | OB-2ND-FL-GIRLS-BA<br>THROOM   | Water | Metals Group3 | 200.8 | 04/20/21 | 04/29/21 | 05/02/21 | 04/20/21 |
| M2104-12 | NB-2ND-FL-BOYS-BA<br>THROOM    | Water | Metals Group3 | 200.8 | 04/20/21 | 04/29/21 | 05/02/21 | 04/20/21 |
| M2104-13 | NB-2ND-FL-N-WATER-<br>FOUNTAIN | Water | Metals Group3 | 200.8 | 04/20/21 | 04/29/21 | 05/02/21 | 04/20/21 |
| M2104-14 | NB-2ND-FL-GIRLS-BA<br>THROOM   | Water | Metals Group3 | 200.8 | 04/20/21 | 04/29/21 | 05/02/21 | 04/20/21 |
| M2104-15 | OB-1ST-FL-WATER-F<br>OUNTAIN   | Water | Metals Group3 | 200.8 | 04/20/21 | 04/29/21 | 05/02/21 | 04/20/21 |
| M2104-16 | OB-1ST-FL-BOYS-BAT<br>HROOM    | Water | Metals Group3 | 200.8 | 04/20/21 | 04/29/21 | 05/02/21 | 04/20/21 |
| M2104-17 | OB-1ST-FL-GIRLS-BA<br>THROOM   | Water | Metals Group3 | 200.8 | 04/20/21 | 04/29/21 | 05/02/21 | 04/20/21 |
| M2104-18 | NB-1ST-FL-E-WATER-<br>FOUNTAIN | Water | Metals Group3 | 200.8 | 04/20/21 | 04/29/21 | 05/02/21 | 04/20/21 |
| M2104-19 | NB-1ST-FL-GIRLS-BA<br>THROOM   | Water | Metals Group3 | 200.8 | 04/20/21 | 04/29/21 | 05/02/21 | 04/20/21 |
| M2104-20 | NB-1ST-FL-BOYS-BAT<br>HROOM    | Water | Metals Group3 | 200.8 | 04/20/21 | 04/29/21 | 05/02/21 | 04/20/21 |
| M2104-21 | BASEMENT-GIRLS-BAT<br>HROOM    | Water | Metals Group3 | 200.8 | 04/20/21 | 04/29/21 | 05/02/21 | 04/20/21 |



LAB CHRONICLE

|          |                         |       |               |          |          |          |
|----------|-------------------------|-------|---------------|----------|----------|----------|
| M2104-22 | BASEMENT-BOYS-BATHROOM  | Water |               | 04/20/21 |          | 04/20/21 |
|          |                         |       | Metals Group3 | 200.8    | 04/29/21 | 05/02/21 |
| M2104-23 | BASEMENT-WATER-FOUNTAIN | Water |               | 04/20/21 |          | 04/20/21 |
|          |                         |       | Metals Group3 | 200.8    | 04/29/21 | 05/02/21 |



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

### Hit Summary Sheet SW-846

SDG No.: M2104

Order ID: M2104

Client: Anna L. Klein School

Project ID: Drinking Water - Lead &amp; Copper

| Sample ID   | Client ID                  | Matrix | Parameter | Concentration | C | MDL  | RDL  | Units |
|-------------|----------------------------|--------|-----------|---------------|---|------|------|-------|
| Client ID : | FB-04-20-21                |        |           |               |   |      |      |       |
| M2104-01    | FB-04-20-21                | Water  | Copper    | 0.220         | J | 0.19 | 2.00 | ug/L  |
| Client ID : | OB-3RD-FL-WATER-FOUNTAIN   |        |           |               |   |      |      |       |
| M2104-02    | OB-3RD-FL-WATER-FOUNTAIN   | Water  | Copper    | 360.000       |   | 0.19 | 2.00 | ug/L  |
| M2104-02    | OB-3RD-FL-WATER-FOUNTAIN   | Water  | Lead      | 0.470         | J | 0.23 | 1.00 | ug/L  |
| Client ID : | OB-3RD-FL-BOYS-BATHROOM    |        |           |               |   |      |      |       |
| M2104-03    | OB-3RD-FL-BOYS-BATHROOM    | Water  | Copper    | 72.100        |   | 0.19 | 2.00 | ug/L  |
| M2104-03    | OB-3RD-FL-BOYS-BATHROOM    | Water  | Lead      | 0.470         | J | 0.23 | 1.00 | ug/L  |
| Client ID : | OB-3RD-FL-GIRLS-BATHROOM   |        |           |               |   |      |      |       |
| M2104-04    | OB-3RD-FL-GIRLS-BATHROOM   | Water  | Copper    | 64.400        |   | 0.19 | 2.00 | ug/L  |
| M2104-04    | OB-3RD-FL-GIRLS-BATHROOM   | Water  | Lead      | 0.460         | J | 0.23 | 1.00 | ug/L  |
| Client ID : | NB-3RD-FL-GIRLS-BATHROOM   |        |           |               |   |      |      |       |
| M2104-05    | NB-3RD-FL-GIRLS-BATHROOM   | Water  | Copper    | 178.000       |   | 0.19 | 2.00 | ug/L  |
| M2104-05    | NB-3RD-FL-GIRLS-BATHROOM   | Water  | Lead      | 2.540         |   | 0.23 | 1.00 | ug/L  |
| Client ID : | NB-3RD-FL-WATER-FOUNTAIN   |        |           |               |   |      |      |       |
| M2104-06    | NB-3RD-FL-WATER-FOUNTAIN   | Water  | Copper    | 502.000       |   | 0.19 | 2.00 | ug/L  |
| M2104-06    | NB-3RD-FL-WATER-FOUNTAIN   | Water  | Lead      | 0.260         | J | 0.23 | 1.00 | ug/L  |
| Client ID : | NB-3RD-FL-BOYS-BATHROOM    |        |           |               |   |      |      |       |
| M2104-07    | NB-3RD-FL-BOYS-BATHROOM    | Water  | Copper    | 109.000       |   | 0.19 | 2.00 | ug/L  |
| M2104-07    | NB-3RD-FL-BOYS-BATHROOM    | Water  | Lead      | 0.460         | J | 0.23 | 1.00 | ug/L  |
| Client ID : | NB-3RD-FL-N-WATER-FOUNTAIN |        |           |               |   |      |      |       |
| M2104-08    | NB-3RD-FL-N-WATER-FOUNTAIN | Water  | Copper    | 743.000       |   | 0.19 | 2.00 | ug/L  |
| Client ID : | OB-2ND-FL-WATER-FOUNTAIN   |        |           |               |   |      |      |       |
| M2104-09    | OB-2ND-FL-WATER-FOUNTAIN   | Water  | Copper    | 138.000       |   | 0.19 | 2.00 | ug/L  |
| M2104-09    | OB-2ND-FL-WATER-FOUNTAIN   | Water  | Lead      | 0.420         | J | 0.23 | 1.00 | ug/L  |
| Client ID : | OB-2ND-FL-BOYS-BATHROOM    |        |           |               |   |      |      |       |
| M2104-10    | OB-2ND-FL-BOYS-BATHROOM    | Water  | Copper    | 105.000       |   | 0.19 | 2.00 | ug/L  |
| M2104-10    | OB-2ND-FL-BOYS-BATHROOM    | Water  | Lead      | 0.950         | J | 0.23 | 1.00 | ug/L  |
| Client ID : | OB-2ND-FL-GIRLS-BATHROOM   |        |           |               |   |      |      |       |
| M2104-11    | OB-2ND-FL-GIRLS-BATHROOM   | Water  | Copper    | 102.000       |   | 0.19 | 2.00 | ug/L  |
| M2104-11    | OB-2ND-FL-GIRLS-BATHROOM   | Water  | Lead      | 0.330         | J | 0.23 | 1.00 | ug/L  |
| Client ID : | NB-2ND-FL-BOYS-BATHROOM    |        |           |               |   |      |      |       |
| M2104-12    | NB-2ND-FL-BOYS-BATHROOM    | Water  | Copper    | 72.900        |   | 0.19 | 2.00 | ug/L  |

# Hit Summary Sheet SW-846

SDG No.: M2104

Order ID: M2104

Client: Anna L. Klein School

Project ID: Drinking Water - Lead &amp; Copper

| Sample ID                                     | Client ID                  | Matrix | Parameter | Concentration | C | MDL  | RDL  | Units |
|---|----------------------------|--------|-----------|---------------|---|------|------|-------|
| M2104-12                                      | NB-2ND-FL-BOYS-BATHROOM    | Water  | Lead      | 1.590         |   | 0.23 | 1.00 | ug/L  |
| <b>Client ID : NB-2ND-FL-N-WATER-FOUNTAIN</b> |                            |        |           |               |   |      |      |       |
| M2104-13                                      | NB-2ND-FL-N-WATER-FOUNTAIN | Water  | Copper    | 999.000       |   | 0.19 | 2.00 | ug/L  |
| M2104-13                                      | NB-2ND-FL-N-WATER-FOUNTAIN | Water  | Lead      | 0.590         | J | 0.23 | 1.00 | ug/L  |
| <b>Client ID : NB-2ND-FL-GIRLS-BATHROOM</b>   |                            |        |           |               |   |      |      |       |
| M2104-14                                      | NB-2ND-FL-GIRLS-BATHROOM   | Water  | Copper    | 111.000       |   | 0.19 | 2.00 | ug/L  |
| M2104-14                                      | NB-2ND-FL-GIRLS-BATHROOM   | Water  | Lead      | 0.770         | J | 0.23 | 1.00 | ug/L  |
| <b>Client ID : OB-1ST-FL-WATER-FOUNTAIN</b>   |                            |        |           |               |   |      |      |       |
| M2104-15                                      | OB-1ST-FL-WATER-FOUNTAIN   | Water  | Copper    | 207.000       |   | 0.19 | 2.00 | ug/L  |
| M2104-15                                      | OB-1ST-FL-WATER-FOUNTAIN   | Water  | Lead      | 0.330         | J | 0.23 | 1.00 | ug/L  |
| <b>Client ID : OB-1ST-FL-BOYS-BATHROOM</b>    |                            |        |           |               |   |      |      |       |
| M2104-16                                      | OB-1ST-FL-BOYS-BATHROOM    | Water  | Copper    | 168.000       |   | 0.19 | 2.00 | ug/L  |
| M2104-16                                      | OB-1ST-FL-BOYS-BATHROOM    | Water  | Lead      | 0.750         | J | 0.23 | 1.00 | ug/L  |
| <b>Client ID : OB-1ST-FL-GIRLS-BATHROOM</b>   |                            |        |           |               |   |      |      |       |
| M2104-17                                      | OB-1ST-FL-GIRLS-BATHROOM   | Water  | Copper    | 47.300        |   | 0.19 | 2.00 | ug/L  |
| M2104-17                                      | OB-1ST-FL-GIRLS-BATHROOM   | Water  | Lead      | 0.420         | J | 0.23 | 1.00 | ug/L  |
| <b>Client ID : NB-1ST-FL-E-WATER-FOUNTAIN</b> |                            |        |           |               |   |      |      |       |
| M2104-18                                      | NB-1ST-FL-E-WATER-FOUNTAIN | Water  | Copper    | 558.000       |   | 0.19 | 2.00 | ug/L  |
| M2104-18                                      | NB-1ST-FL-E-WATER-FOUNTAIN | Water  | Lead      | 0.680         | J | 0.23 | 1.00 | ug/L  |
| <b>Client ID : NB-1ST-FL-GIRLS-BATHROOM</b>   |                            |        |           |               |   |      |      |       |
| M2104-19                                      | NB-1ST-FL-GIRLS-BATHROOM   | Water  | Copper    | 136.000       |   | 0.19 | 2.00 | ug/L  |
| <b>Client ID : NB-1ST-FL-BOYS-BATHROOM</b>    |                            |        |           |               |   |      |      |       |
| M2104-20                                      | NB-1ST-FL-BOYS-BATHROOM    | Water  | Copper    | 61.900        |   | 0.19 | 2.00 | ug/L  |
| M2104-20                                      | NB-1ST-FL-BOYS-BATHROOM    | Water  | Lead      | 1.330         |   | 0.23 | 1.00 | ug/L  |
| <b>Client ID : BASEMENT-GIRLS-BATHROOM</b>    |                            |        |           |               |   |      |      |       |
| M2104-21                                      | BASEMENT-GIRLS-BATHROOM    | Water  | Copper    | 319.000       |   | 0.19 | 2.00 | ug/L  |
| M2104-21                                      | BASEMENT-GIRLS-BATHROOM    | Water  | Lead      | 2.700         |   | 0.23 | 1.00 | ug/L  |
| <b>Client ID : BASEMENT-BOYS-BATHROOM</b>     |                            |        |           |               |   |      |      |       |
| M2104-22                                      | BASEMENT-BOYS-BATHROOM     | Water  | Copper    | 35.600        |   | 0.19 | 2.00 | ug/L  |
| M2104-22                                      | BASEMENT-BOYS-BATHROOM     | Water  | Lead      | 0.730         | J | 0.23 | 1.00 | ug/L  |
| <b>Client ID : BASEMENT-WATER-FOUNTAIN</b>    |                            |        |           |               |   |      |      |       |
| M2104-23                                      | BASEMENT-WATER-FOUNTAIN    | Water  | Copper    | 352.000       |   | 0.19 | 2.00 | ug/L  |
| M2104-23                                      | BASEMENT-WATER-FOUNTAIN    | Water  | Lead      | 0.280         | J | 0.23 | 1.00 | ug/L  |

**Hit Summary Sheet**  
**SW-846**

SDG No.: M2104

**Order ID:** M2104

**Client:** Anna L. Klein School

Project ID: Drinking Water - Lead &amp; Copper

| Sample ID | Client ID | Matrix | Parameter | Concentration | C | MDL | RDL | Units |
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-------|
|-----------|-----------|--------|-----------|---------------|---|-----|-----|-------|

C

D

15



# SAMPLE DATA

## 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: | FB-04-20-21                    | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-01                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | 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 |                 |       |            |

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OR = Over Range

N = Spiked sample recovery not within control limits

## 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-3RD-FL-WATER-FOUNTAIN       | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-02                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | 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 |                 |       |            |

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N = Spiked sample recovery not within control limits

## 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-3RD-FL-BOYS-BATHROOM        | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-03                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | 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:  | Colorless     | Clarity After:  | Clear | Artifacts: |
| Comments:     | Metals Group3 |                 |       |            |

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N =Spiked sample recovery not within control limits



## 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-3RD-FL-GIRLS-BATHROOM       | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-04                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| 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  
Color After: Colorless  
Comments: Metals Group3

Clarity Before: Clear  
Clarity After: Clear

Texture:  
Artifacts:

U = Not Detected  
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OR = Over Range  
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## 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: | NB-3RD-FL-GIRLS-BATHROOM       | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-05                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| 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    |
| 7439-92-1 | 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 |                 |       |            |

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## 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: | NB-3RD-FL-WATER-FOUNTAIN       | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-06                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| 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 |                 |       |            |

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## 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: | NB-3RD-FL-BOYS-BATHROOM        | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-07                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| 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    |
| 7439-92-1 | 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 |                 |       |            |

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## 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: | NB-3RD-FL-N-WATER-FOUNTAIN     | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-08                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | 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 |                 |       |            |

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## 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    |
| Lab Sample ID:    | M2104-09                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Prep Date      | 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    |

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

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## 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-BOYS-BATHROOM        | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-10                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | 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 |                 |       |            |

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## 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-GIRLS-BATHROOM       | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-11                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | MDL  | LOQ / CRQL | Units | Prep Date      | Date Ana.      | Ana Met. |
|-----------|-----------|-------|------|----|------|------------|-------|----------------|----------------|----------|
| 7440-50-8 | Copper    | 102   |      | 1  | 0.19 | 2.00       | ug/L  | 04/29/21 12:48 | 05/02/21 17:11 | 200.8    |
| 7439-92-1 | Lead      | 0.33  | J    | 1  | 0.23 | 1.00       | ug/L  | 04/29/21 12:48 | 05/02/21 17:11 | 200.8    |

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

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## 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: | NB-2ND-FL-BOYS-BATHROOM        | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-12                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| 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 |                 |       |            |

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## 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: | NB-2ND-FL-N-WATER-FOUNTAIN     | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-13                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | 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 |                 |       |            |

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## 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: | NB-2ND-FL-GIRLS-BATHROOM       | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-14                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF   | 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    |
| 7439-92-1 | 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 |                 |       |            |

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## 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-1ST-FL-WATER-FOUNTAIN       | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-15                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | 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  
Color After: Colorless  
Comments: Metals Group3

Clarity Before: Clear  
Clarity After: Clear

Texture:  
Artifacts:

U = Not Detected  
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OR = Over Range  
N = Spiked sample recovery not within control limits



## 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-1ST-FL-BOYS-BATHROOM        | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-16                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| 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

N = Spiked sample recovery not within control limits

## 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-1ST-FL-GIRLS-BATHROOM       | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-17                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF   | 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

N = Spiked sample recovery not within control limits

## 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: | NB-1ST-FL-E-WATER-FOUNTAIN     | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-18                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | 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

N = Spiked sample recovery not within control limits

## 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: | NB-1ST-FL-GIRLS-BATHROOM       | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-19                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | 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 |                 |       |            |

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

| 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

N = Spiked sample recovery not within control limits

## 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: | BASEMENT-GIRLS-BATHROOM        | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-21                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| 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 |                 |       |            |

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

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J = Estimated Value

B = Analyte Found in Associated Method Blank

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E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N = Spiked sample recovery not within control limits

## 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: | BASEMENT-BOYS-BATHROOM         | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-22                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF   | 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

N = Spiked sample recovery not within control limits

## 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: | BASEMENT-WATER-FOUNTAIN        | SDG No.:        | M2104    |
| Lab Sample ID:    | M2104-23                       | Matrix:         | Water    |
| Level (low/med):  | low                            | % Solid:        | 0        |

| Cas       | Parameter | Conc. | Qua. | DF | 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 |                 |       |            |

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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

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OR = Over Range

N = Spiked sample recovery not within control limits



# METAL CALIBRATION DATA

# Metals

- 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Anna L. Klein School SDG No.: M2104  
Contract: ANNA01 Lab Code: CHEM Case No.: M2104 SAS No.: M2104  
Initial Calibration Source: EPA  
Continuing Calibration Source: PLASMA-PURE

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

## Metals

- 2a -

## INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Anna L. Klein School SDG No.: M2104  
Contract: ANNA01 Lab Code: CHEM Case No.: M2104 SAS No.: M2104  
Initial Calibration Source: EPA  
Continuing Calibration Source: PLASMA-PURE

| Sample ID | Analyte | Result<br>ug/L | True Value | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |



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

### Metals

- 2b -

### CRDL STANDARD FOR AA & ICP

Client: Anna L. Klein School SDG No.: M2104  
 Contract: ANNA01 Lab Code: CHEM Case No.: M2104 SAS No.: M2104  
 Initial Calibration Source: \_\_\_\_\_  
 Continuing Calibration Source: \_\_\_\_\_

| Sample ID | Analyte | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Acceptance<br>Window (%R) | M | Analysis<br>Date | Analysis<br>Time | Run<br>Number |
|-----------|---------|----------------|--------------------|---------------|---------------------------|---|------------------|------------------|---------------|
| CRI       | Copper  | 2.27           | 2.0                | 114           | 70 - 130                  | P | 05/02/2021       | 15:57            | LB114243      |
|           | 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

Client: Anna L. Klein School

SDG No.: M2104

Contract: ANNA01

Lab Code: CHEM

Case No.: M2104

SAS No.: M2104

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

**Metals**

- 3a -

**INITIAL AND CONTINUING CALIBRATION BLANK SUMMARY**

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

| Sample ID | Analyte | Result<br>ug/L | Acceptance<br>Limit | Conc<br>Qual | CRQL | M | Analysis<br>Date | Analysis<br>Time | Run<br>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      |

Metals  
- 3b -  
PREPARATION BLANK SUMMARY

Client: Anna L. Klein School

SDG No.: M2104

Instrument: P8

| Sample ID         | Analyte | Result<br>(ug/L) | Acceptance<br>Limit | Conc<br>Qual         | CRQL<br>ug/L    | M | Analysis<br>Date  | Analysis<br>Time  | Run      |
|-------------------|---------|------------------|---------------------|----------------------|-----------------|---|-------------------|-------------------|----------|
| <b>PB136069BL</b> |         | <b>WATER</b>     |                     | <b>Batch Number:</b> | <b>PB136069</b> |   | <b>Prep Date:</b> | <b>04/29/2021</b> |          |
|                   | Copper  | 2.00             | <2.00               | U                    | 2.00            | P | 05/02/2021        | 16:00             | LB114243 |
|                   | Lead    | 1.00             | <1.00               | U                    | 1.00            | P | 05/02/2021        | 16:00             | LB114243 |

## Metals

- 4 -

## INTERFERENCE CHECK SAMPLE

**Client:** Anna L. Klein School **SDG No.:** M2104  
**Contract:** ANNA01 **Lab Code:** CHEM **Case No.:** M2104 **SAS No.:** M2104  
**ICS Source:** EPA **Instrument ID:** P8

| Sample ID | Analyte | Result<br>ug/L | True Value<br>ug/L | %<br>Recovery | Low<br>Limit<br>(ug/L) | High<br>Limit<br>(ug/L) | Analysis<br>Date | Analysis<br>Time | Run<br>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

metals  
- 5a -  
**MATRIX SPIKE 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-BATHROOMMS |                                  |             |            |      |   |
| Percent Solids for Sample: |                      | NA                  | Spiked ID:    |            | M2104-04MS                 | Percent Solids for Spike Sample: |             | NA         |      |   |
| 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 |
| Lead                       | ug/L                 | 70 - 130            | 2580          |            | 0.46                       | J                                | 2500        | 103        |      | P |

## metals

- 5a -

**MATRIX SPIKE DUPLICATE SUMMARY**

|                                   |                             |                   |                    |   |                                    |
|-----------------------------------|-----------------------------|-------------------|--------------------|---|------------------------------------|
| <b>client:</b>                    | <u>Anna L. Klein School</u> | <b>level:</b>     | <u>low</u>         | <b>sdg no.:</b>                         | <u>M2104</u>                       |
| <b>contract:</b>                  | <u>ANNA01</u>               | <b>lab code:</b>  | <u>CHEM</u>        | <b>case no.:</b>                        | <u>M2104</u>                       |
| <b>matrix:</b>                    | <u>Water</u>                | <b>sample id:</b> | <u>M2104-04</u>    | <b>client id:</b>                       | <u>OB-3RD-FL-GIRLS-BATHROOMMSD</u> |
| <b>Percent Solids for Sample:</b> | <u>NA</u>                   | <b>Spiked ID:</b> | <u>M2104-04MSD</u> | <b>Percent Solids for Spike Sample:</b> | <u>NA</u>                          |

| Analyte | Units | Acceptance<br>Limit %R | MSD<br>Result | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|---------|-------|------------------------|---------------|---|------------------|---|----------------|---------------|------|---|
| Copper  | ug/L  | 70 - 130               | 5430          |   | 64.4             |   | 5000           | 107           |      | P |
| Lead    | ug/L  | 70 - 130               | 2460          |   | 0.46             | J | 2500           | 98            |      | P |

Metals  
- 5b -

Client: Anna L. Klein School

SDG No.: M2104

Contract: ANNA01

Lab Code: CHEM

Case No.: M2104

SAS No.: M2104

Matrix:

Level: LOW

Client ID:

Sample ID:

Spiked ID:

| Analyte | Units | Acceptance<br>Limit %R | C | Sample<br>Result | C | Spike<br>Added | %<br>Recovery | Qual | M |
|---------|-------|------------------------|---|------------------|---|----------------|---------------|------|---|
|---------|-------|------------------------|---|------------------|---|----------------|---------------|------|---|

|   |
|---|
| A |
| B |
| C |
| D |
| E |
| F |
| G |
| H |



**Metals**

- 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  
**Percent Solids for Sample:** NA      **Duplicate ID** M2104-04DUP      **Percent Solids for Spike Sample:** NA

| Analyte | Units | Acceptance<br>Limit | Sample<br>Result | C | Duplicate<br>Result | C | RPD | Qual | M |
|---------|-------|---------------------|------------------|---|---------------------|---|-----|------|---|
| Copper  | ug/L  | 20                  | 64.4             |   | 62.1                |   | 4   |      | P |
| Lead    | ug/L  | 20                  | 0.46             | J | 0.43                | J | 7   |      | P |

“A control limit of  $\pm 20\%$  RPD for each matrix applies for sample values greater than 10 times Detection Limit”

**Metals**

- 6 -

**DUPLICATE SAMPLE SUMMARY**

|                                   |                             |                     |                    |   |                                    |
|-----------------------------------|-----------------------------|---------------------|--------------------|---|------------------------------------|
| <b>Client:</b>                    | <u>Anna L. Klein School</u> | <b>Level:</b>       | <u>LOW</u>         | <b>SDG No.:</b>                         | <u>M2104</u>                       |
| <b>Contract:</b>                  | <u>ANNA01</u>               | <b>Lab Code:</b>    | <u>CHEM</u>        | <b>Case No.:</b>                        | <u>M2104</u>                       |
| <b>Matrix:</b>                    | <u>Water</u>                | <b>Sample ID:</b>   | <u>M2104-04MS</u>  | <b>Client ID:</b>                       | <u>OB-3RD-FL-GIRLS-BATHROOMMSD</u> |
| <b>Percent Solids for Sample:</b> | <u>NA</u>                   | <b>Duplicate ID</b> | <u>M2104-04MSD</u> | <b>Percent Solids for Spike Sample:</b> | <u>NA</u>                          |

| Analyte | Units | Acceptance Limit | Sample Result | C | Duplicate Result | C | RPD | Qual | M |
|---------|-------|------------------|---------------|---|------------------|---|-----|------|---|
| Copper  | ug/L  | 20               | 5540          |   | 5430             |   | 2   |      | P |
| Lead    | ug/L  | 20               | 2580          |   | 2460             |   | 5   |      | P |

"A control limit of  $\pm 20\%$  RPD for each matrix applies for sample values greater than 10 times Detection Limit"

## Metals

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## 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 | %<br>Recovery | Acceptance<br>Limits | M |
|------------|-------|------------|--------|---|---------------|----------------------|---|
| PB136069BS |       |            |        |   |               |                      |   |
| Copper     | ug/L  | 5000       | 5120   |   | 102           | 85 - 115             | P |
| Lead       | ug/L  | 2500       | 2530   |   | 101           | 85 - 115             | P |

**Metals**

-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<br>Result (I) |   | Serial Dilution<br>Result (S) |   | % Differ-<br>ence | Q | M |
|---------|------------------------------|---|-------------------------------|---|-------------------|---|---|
|         | C                            |   | C                             |   |                   |   |   |
| Copper  | 64.4                         |   | 63.6                          |   | 1                 |   | P |
| Lead    | 0.46                         | J | 5.00                          | U | 100.0             |   | P |



# METAL PREPARATION & INSTRUMENT DATA

# METAL PREPARATION & ANALYICAL SUMMARY

**Metals**

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**SAMPLE PREPARATION SUMMARY**

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

| Sample ID                     | Client ID                   | Sample Type | Matrix | Prep Date  | Initial Sample Size(mL) | Final Sample Volume (mL) | Percent Solids |
|-------------------------------|-----------------------------|-------------|--------|------------|-------------------------|--------------------------|----------------|
| <b>Batch Number: PB136069</b> |                             |             |        |            |                         |                          |                |
| 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                     |                |



metals  
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ANALYSIS RUN LOG

Client: Anna L. Klein 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-FOUNTAIN   | 1   | 1614 | Cu,Pb          |
| M2104-03       | OB-3RD-FL-BOYS-BATHROOM    | 1   | 1618 | Cu,Pb          |
| M2104-04       | OB-3RD-FL-GIRLS-BATHROOM   | 1   | 1621 | Cu,Pb          |
| M2104-04DUP    | OB-3RD-FL-GIRLS-BATHROOM   | 1   | 1624 | Cu,Pb          |
| M2104-04L      | OB-3RD-FL-GIRLS-BATHROOM   | 5   | 1627 | Cu,Pb          |
| CCV10          | CCV10                      | 1   | 1639 | Cu,Pb          |
| CCB10          | CCB10                      | 1   | 1648 | Cu,Pb          |
| M2104-05       | NB-3RD-FL-GIRLS-BATHROOM   | 1   | 1653 | Cu,Pb          |
| M2104-06       | NB-3RD-FL-WATER-FOUNTAIN   | 1   | 1656 | Cu,Pb          |
| M2104-07       | NB-3RD-FL-BOYS-BATHROOM    | 1   | 1659 | Cu,Pb          |
| M2104-08       | NB-3RD-FL-N-WATER-FOUNTAIN | 1   | 1702 | Cu,Pb          |
| M2104-09       | OB-2ND-FL-WATER-FOUNTAIN   | 1   | 1705 | Cu,Pb          |
| M2104-10       | OB-2ND-FL-BOYS-BATHROOM    | 1   | 1708 | Cu,Pb          |
| M2104-11       | OB-2ND-FL-GIRLS-BATHROOM   | 1   | 1711 | Cu,Pb          |
| M2104-12       | NB-2ND-FL-BOYS-BATHROOM    | 1   | 1714 | Cu,Pb          |
| M2104-13       | NB-2ND-FL-N-WATER-FOUNTAIN | 1   | 1717 | Cu,Pb          |
| M2104-14       | NB-2ND-FL-GIRLS-BATHROOM   | 1   | 1720 | Cu,Pb          |
| CCV11          | CCV11                      | 1   | 1723 | Cu,Pb          |
| CCB11          | CCB11                      | 1   | 1732 | Cu,Pb          |
| M2104-15       | OB-1ST-FL-WATER-FOUNTAIN   | 1   | 1735 | Cu,Pb          |
| M2104-16       | OB-1ST-FL-BOYS-BATHROOM    | 1   | 1738 | Cu,Pb          |
| M2104-17       | OB-1ST-FL-GIRLS-BATHROOM   | 1   | 1741 | Cu,Pb          |
| M2104-18       | NB-1ST-FL-E-WATER-FOUNTAIN | 1   | 1744 | Cu,Pb          |
| M2104-19       | NB-1ST-FL-GIRLS-BATHROOM   | 1   | 1747 | Cu,Pb          |
| M2104-20       | NB-1ST-FL-BOYS-BATHROOM    | 1   | 1750 | Cu,Pb          |



metals  
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ANALYSIS RUN LOG

Client: Anna L. Klein 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 |
|----------------|-------------------------|-----|------|----------------|
| M2104-21       | BASEMENT-GIRLS-BATHROO  | 1   | 1753 | Cu,Pb          |
| M2104-22       | BASEMENT-BOYS-BATHROO   | 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          |

# SHIPPING DOCUMENTS

**CHEMTECH**  
CHAIN OF CUSTODY RECORD

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax: (908) 78-8922  
www.chemtech.net

Chemtech Project Number: M2104

COC Number:

| CLIENT INFORMATION   |  |                               |  | PROJECT INFORMATION   |  |             |  | BILLING INFORMATION  |  |   |  |                |  |             |  |
|--|--|-------------------------------|--|---|--|-------------|--|--|--|---|--|----------------|--|-------------|--|
| COMPANY: Anna L. Klein School (Guttenberg Sch Dist)  |  |                               |  | PROJECT NAME: Pb & Cu DW  |  |             |  | BILL TO: PO#   |  |   |  |                |  |             |  |
| ADDRESS: 301 69th St   |  |                               |  | PROJECT #   |  |             |  | ADDRESS:   |  |   |  |                |  |             |  |
| CITY Guttenberg  |  |                               |  | STATE: NJ   |  |             |  | CITY: STATE: ZIP:  |  |   |  |                |  |             |  |
| ATTENTION: Karen Huebsch   |  |                               |  | E-MAIL:   |  |             |  | ATTENTION: PHONE:  |  |   |  |                |  |             |  |
| PHONE: 201 861-3100 x10  |  |                               |  | FAX:  |  |             |  | PHONE:   |  |   |  |                |  |             |  |
| DATA TURNAROUND INFORMATION  |  |                               |  | DATA DELIVERABLE INFORMATION  |  |             |  | ANALYSIS   |  |   |  |                |  |             |  |
| FAX: _____ DAYS*   |  |                               |  | <input type="checkbox"/> RESULTS ONLY<br><input checked="" type="checkbox"/> RESULTS *QC<br><input type="checkbox"/> New Jersey REDUCED<br><input type="checkbox"/> New Jersey CLP<br><input type="checkbox"/> EDD Format |  |             |  | <input type="checkbox"/> USEPA CLP<br><input type="checkbox"/> New York State ASP "B"<br><input type="checkbox"/> New York State ASP "A"<br><input type="checkbox"/> Other |  |   |  |                |  |             |  |
| HARD COPY: 10 _____ DAYS*  |  |                               |  |   |  |             |  |  |  |   |  |                |  |             |  |
| EDD _____ DAYS*  |  |                               |  |   |  |             |  |  |  |   |  |                |  |             |  |
| * TO BE APPROVED BY CHEMTECH   |  |                               |  |   |  |             |  |  |  |   |  |                |  |             |  |
| STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS   |  |                               |  |   |  |             |  |  |  |   |  |                |  |             |  |
| CHEMTECH SAMPLE ID   |  | PROJECT SAMPLE IDENTIFICATION |  | SAMPLE MATRIX   |  | SAMPLE TYPE |  | SAMPLE COLLECTION  |  | B/E   |  | PRESERVATIVES  |  | COMMENTS    |  |
|  |  |                               |  |   |  | COMP        |  | DATE   |  | TIME  |  |                |  |             |  |
| 1.   |  | FB-04-20-21                   |  | Field Blank   |  | X           |  | 4/20/21  |  | 0639  |  | 1              |  |             |  |
| 2.   |  | OB-3RD-FL-WATER-FOUNTAIN      |  | Drinking Water  |  | X           |  | 4/20/21  |  | 0641  |  | 1              |  |             |  |
| 3.   |  | OB-3RD-FL-BOYS-BATHROOM       |  | Drinking Water  |  | X           |  | 4/20/21  |  | 0642  |  | 1              |  |             |  |
| 4.   |  | OB-3RD-FL-GIRLS-BATHROOM      |  | Drinking Water  |  | X           |  | 4/20/21  |  | 0643  |  | 1              |  |             |  |
| 5.   |  | NB-3RD-FL-GIRLS-BATHROOM      |  | Drinking Water  |  | X           |  | 4/20/21  |  | 0646  |  | 1              |  |             |  |
| 6.   |  | NB-3RD-FL-WATER-FOUNTAIN      |  | Drinking Water  |  | X           |  | 4/20/21  |  | 0650  |  | 1              |  |             |  |
| 7.   |  | NB-3RD-FL-BOYS-BATHROOM       |  | Drinking Water  |  | X           |  | 4/20/21  |  | 0647  |  | 1              |  |             |  |
| 8.   |  | NB-3RD-FL-N-WATER-FOUNTAIN    |  | Drinking Water  |  | X           |  | 4/20/21  |  | 0651  |  | 1              |  |             |  |
| 9.   |  | OB-2ND-FL-WATER-FOUNTAIN      |  | Drinking Water  |  | X           |  | 4/20/21  |  | 0700  |  | 1              |  |             |  |
| 10.  |  | OB-2ND-FL-BOYS-BATHROOM       |  | Drinking Water  |  | X           |  | 4/20/21  |  | 0701  |  | 1              |  |             |  |
| <p><b>SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE PROCESSING INCLUDING COURIER DELIVERY</b></p>   |  |                               |  |   |  |             |  |  |  |   |  |                |  |             |  |
| RELINQUISHED BY SAMPLER  |  | DATE/TIME                     |  | RECEIVED BY   |  | DATE/TIME   |  | COMMENTS   |  | CONDITIONS OF BOTTLES OR COOLERS AT RECEIPT:                      |  | COMPLIANT      |  | COOLER TEMP |  |
| 1.   |  | 4/20/21                       |  | 1.  |  | 4/20/21     |  | 1.   |  | MeOH extraction requires an additional 4oz. Jar for percent solid |  | X              |  | 55°C        |  |
| RELINQUISHED BY  |  | DATE/TIME                     |  | RECEIVED BY   |  | DATE/TIME   |  | COMMENTS   |  | NON COMPLIANT   |  | ICE IN COOLER? |  |             |  |
| 2.   |  | 4/20/21                       |  | 2.  |  | 4/20/21     |  | 2.   |  |   |  |                |  |             |  |
| RELINQUISHED BY  |  | DATE/TIME                     |  | RECEIVED FOR LAB BY   |  | DATE/TIME   |  | COMMENTS   |  | HAND DELIVERED  |  | OVERNIGHT      |  |             |  |
| 3.   |  | 4/20/21                       |  | 3.  |  | 4/20/21     |  | 3.   |  |   |  |                |  |             |  |
| <p>SHIPPED VIA CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Overnight <input type="checkbox"/> Overnight</p> <p>CHEMTECH: <input checked="" type="checkbox"/> Picked Up <input type="checkbox"/> Overnight</p> <p>Page 1 of 3</p> <p>WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY</p> |  |                               |  |   |  |             |  |  |  |   |  |                |  |             |  |
| <p>Shipment Complete <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO</p>   |  |                               |  |   |  |             |  |  |  |   |  |                |  |             |  |

**CHEMTECH****CHAIN OF CUSTODY RECORD**

284 Sheffield Street, Mountainside, NJ 07092  
(908) 789-8900 Fax: (908) 78-8922  
www.chemtech.net

Chemtech Project Number: **M2104**

COC Number:

| CLIENT INFORMATION   |                            |                     |             | PROJECT INFORMATION   |         |      |              | BILLING INFORMATION |               |   |   |   |          |   |   |   |  |  |
|--|----------------------------|---------------------|-------------|---|---------|------|--------------|---------------------|---------------|---|---|---|----------|---|---|---|--|--|
| COMPANY: Anna L. Klein School (Guttenberg Sch Dist)  |                            |                     |             | PROJECT NAME: Pb & Cu DW  |         |      |              | BILL TO: PO#        |               |   |   |   |          |   |   |   |  |  |
| ADDRESS: 301 69th St   |                            |                     |             | PROJECT #   |         |      |              | ADDRESS:            |               |   |   |   |          |   |   |   |  |  |
| CITY Guttenberg STATE: NJ ZIP: 07093   |                            |                     |             | PROJECT MANAGER:  |         |      |              | CITY: STATE: ZIP:   |               |   |   |   |          |   |   |   |  |  |
| ATTENTION: Karen Huebsch   |                            |                     |             | E-MAIL:   |         |      |              | ATTENTION: PHONE:   |               |   |   |   |          |   |   |   |  |  |
| PHONE: 201 861-3100 x10 FAX:   |                            |                     |             | PHONE: FAX:   |         |      |              |                     |               |   |   |   |          |   |   |   |  |  |
| DATA TURNAROUND INFORMATION  |                            |                     |             | DATA DELIVERABLE INFORMATION  |         |      |              | ANALYSIS            |               |   |   |   |          |   |   |   |  |  |
| FAX: _____ DAYS*   |                            |                     |             | RESULTS ONLY <input type="checkbox"/> USEPA CLP                               |         |      |              | Lead and Copper     |               |   |   |   |          |   |   |   |  |  |
| HARD COPY: 10 _____ DAYS*  |                            |                     |             | RESULTS * QC <input type="checkbox"/> New York State ASP "B"                  |         |      |              |                     |               |   |   |   |          |   |   |   |  |  |
| EDD _____ DAYS*  |                            |                     |             | New Jersey REDUCED <input type="checkbox"/> New York State ASP "A"            |         |      |              |                     |               |   |   |   |          |   |   |   |  |  |
| * TO BE APPROVED BY CHEMTECH   |                            |                     |             | New Jersey CLP <input type="checkbox"/> Other _____                           |         |      |              |                     |               |   |   |   |          |   |   |   |  |  |
| STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS   |                            |                     |             | EDD Format _____  |         |      |              |                     |               |   |   |   |          |   |   |   |  |  |
| CHEMTECH SAMPLE ID   | PROJECT IDENTIFICATION     | SAMPLE MATRIX       | SAMPLE TYPE | SAMPLE COLLECTION   | DATE    | TIME | # of Bottles | B/E                 | PRESERVATIVES |   |   |   | COMMENTS |   |   |   |  |  |
| 1.   | OB-2ND-FL-GIRLS-BATHROOM   | Drinking Water      | X           | X   | 4/20/21 | 0702 | 1            | 1                   | 2             | 3 | 4 | 5 | 6        | 7 | 8 | 9 |  |  |
| 2.   | NB-2ND-FL-BOYS-BATHROOM    | Drinking Water      | X           | X   | 4/20/21 | 0657 | 1            |                     |               |   |   |   |          |   |   |   |  |  |
| 3.   | NB-2ND-FL-N-WATER-FOUNTAIN | Drinking Water      | X           | X   | 4/20/21 | 0655 | 1            |                     |               |   |   |   |          |   |   |   |  |  |
| 4.   | NB-2ND-FL-GIRLS-BATHROOM   | Drinking Water      | X           | X   | 4/20/21 | 0659 | 1            |                     |               |   |   |   |          |   |   |   |  |  |
| 5.   | OB-1ST-FL-WATER-FOUNTAIN   | Drinking Water      | X           | X   | 4/20/21 | 0709 | 1            |                     |               |   |   |   |          |   |   |   |  |  |
| 6.   | OB-1ST-FL-BOYS-BATHROOM    | Drinking Water      | X           | X   | 4/20/21 | 0710 | 1            |                     |               |   |   |   |          |   |   |   |  |  |
| 7.   | OB-1ST-FL-GIRLS-BATHROOM   | Drinking Water      | X           | X   | 4/20/21 | 0711 | 1            |                     |               |   |   |   |          |   |   |   |  |  |
| 8.   | NB-1ST-FL-E-WATER-FOUNTAIN | Drinking Water      | X           | X   | 4/20/21 | 0709 | 1            |                     |               |   |   |   |          |   |   |   |  |  |
| 9.   | NB-1ST-FL-GIRLS-BATHROOM   | Drinking Water      | X           | X   | 4/20/21 | 0705 | 1            |                     |               |   |   |   |          |   |   |   |  |  |
| 10.  | NB-1ST-FL-BOYS-BATHROOM    | Drinking Water      | X           | X   | 4/20/21 | 0706 | 1            |                     |               |   |   |   |          |   |   |   |  |  |
| <b>SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY</b>  |                            |                     |             |   |         |      |              |                     |               |   |   |   |          |   |   |   |  |  |
| RELINQUISHED BY SAMPLER  | DATE/TIME                  | RECEIVED BY         | DATE/TIME   |   |         |      |              |                     |               |   |   |   |          |   |   |   |  |  |
| 1.   | 4/20/21                    | 1.                  | 4/20/21     |   |         |      |              |                     |               |   |   |   |          |   |   |   |  |  |
| RELINQUISHED BY  | DATE/TIME                  | RECEIVED BY         | DATE/TIME   |   |         |      |              |                     |               |   |   |   |          |   |   |   |  |  |
| 2.   | 4/20/21                    | 2.                  | 4/20/21     |   |         |      |              |                     |               |   |   |   |          |   |   |   |  |  |
| RELINQUISHED BY  | DATE/TIME                  | RECEIVED FOR LAB BY | DATE/TIME   |   |         |      |              |                     |               |   |   |   |          |   |   |   |  |  |
| 3.   | 4/20/21                    | 3.                  | 4/20/21     |   |         |      |              |                     |               |   |   |   |          |   |   |   |  |  |
| Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant <input type="checkbox"/> Cooler Temp 5-5°C <input type="checkbox"/> Ice in Cooler? <input checked="" type="checkbox"/> |                            |                     |             |   |         |      |              |                     |               |   |   |   |          |   |   |   |  |  |
| MeOH extraction requires an additional 4oz. Jar for percent solid  |                            |                     |             |   |         |      |              |                     |               |   |   |   |          |   |   |   |  |  |
| Comments:  |                            |                     |             |   |         |      |              |                     |               |   |   |   |          |   |   |   |  |  |
| SHIPPED VIA: CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Overnight <input checked="" type="checkbox"/> Picked Up <input type="checkbox"/> Overnight   |                            |                     |             | CHEMTECH: <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO |         |      |              |                     |               |   |   |   |          |   |   |   |  |  |
| WHITE - CHEMTECH COPY FOR RETURN TO CLIENT   |                            |                     |             | YELLOW - CHEMTECH COPY PINK - SAMPLER COPY                                    |         |      |              |                     |               |   |   |   |          |   |   |   |  |  |



## CHAIN OF CUSTODY RECORD

| CLIENT INFORMATION   |                               |                |             | PROJECT INFORMATION  |         |      |              | BILLING INFORMATION |   |   |   |   |   |   |   |   |   |
|--|-------------------------------|----------------|-------------|--|---------|------|--------------|---------------------|---|---|---|---|---|---|---|---|---|
| COMPANY: Anna L. Klein School (Guttenberg Sch Dist)  |                               |                |             | PROJECT NAME: Pb & Cu DW   |         |      |              | PO#                 |   |   |   |   |   |   |   |   |   |
| ADDRESS: 301 69th St   |                               |                |             | PROJECT #:   |         |      |              | ADDRESS:            |   |   |   |   |   |   |   |   |   |
| CITY Guttenberg  |                               |                |             | STATE: NJ  |         |      |              | CITY:               |   |   |   |   |   |   |   |   |   |
| ATTENTION: Karen Huebsch   |                               |                |             | ZIP: 07093   |         |      |              | STATE: ZIP:         |   |   |   |   |   |   |   |   |   |
| PHONE: 201 861-3100 x10  |                               |                |             | FAX:   |         |      |              | ATTENTION:          |   |   |   |   |   |   |   |   |   |
| PHONE: 201 861-3100 x10  |                               |                |             | FAX:   |         |      |              | PHONE:              |   |   |   |   |   |   |   |   |   |
| DATA TURNAROUND INFORMATION  |                               |                |             | DATA DELIVERABLE INFORMATION                                       |         |      |              | ANALYSIS            |   |   |   |   |   |   |   |   |   |
| FAX: _____ DAYS*   |                               |                |             | RESULTS ONLY <input type="checkbox"/> USEPA CLP                    |         |      |              | PRESERVATIVES       |   |   |   |   |   |   |   |   |   |
| HARD COPY: 10 _____ DAYS*  |                               |                |             | RESULTS * QC <input type="checkbox"/> New York State ASP "B"       |         |      |              |                     |   |   |   |   |   |   |   |   |   |
| EDD _____ DAYS*  |                               |                |             | New Jersey REDUCED <input type="checkbox"/> New York State ASP "A" |         |      |              | COMMENTS            |   |   |   |   |   |   |   |   |   |
| * TO BE APPROVED BY CHEMTECH   |                               |                |             | New Jersey CLP <input type="checkbox"/> Other _____                |         |      |              |                     |   |   |   |   |   |   |   |   |   |
| STANDARD TURNAROUND TIME IS 10 BUSINESS DAYS   |                               |                |             | EDD Format <input type="checkbox"/>                                |         |      |              |                     |   |   |   |   |   |   |   |   |   |
| CHEMTECH SAMPLE ID   | PROJECT SAMPLE IDENTIFICATION | SAMPLE MATRIX  | SAMPLE TYPE | SAMPLE COLLECTION  | DATE    | TIME | # of Bottles | B/E                 |   |   |   |   |   |   |   |   |   |
| 1.   | BASEMENT-GIRLS-BATHROOM       | Drinking Water | COMB        | Grb  | 4/20/21 | 0714 | 1            | X                   | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 2.   | BASEMENT-BOYS-BATHROOM        | Drinking Water | X           | X  | 4/20/21 | 0715 | 1            | X                   |   |   |   |   |   |   |   |   |   |
| 3.   | BASEMENT-WATER-FOUNTAIN       | Drinking Water | X           | X  | 4/20/21 | 0717 | 1            | X                   |   |   |   |   |   |   |   |   |   |
| 4.   |                               |                |             |  |         |      |              |                     |   |   |   |   |   |   |   |   |   |
| 5.   |                               |                |             |  |         |      |              |                     |   |   |   |   |   |   |   |   |   |
| 6.   |                               |                |             |  |         |      |              |                     |   |   |   |   |   |   |   |   |   |
| 7.   |                               |                |             |  |         |      |              |                     |   |   |   |   |   |   |   |   |   |
| 8.   |                               |                |             |  |         |      |              |                     |   |   |   |   |   |   |   |   |   |
| 9.   |                               |                |             |  |         |      |              |                     |   |   |   |   |   |   |   |   |   |
| 10.  |                               |                |             |  |         |      |              |                     |   |   |   |   |   |   |   |   |   |
| <p><b>SAMPLE CUSTODY MUST BE DOCUMENTED BELOW EACH TIME SAMPLES CHANGE POSSESSION INCLUDING COURIER DELIVERY</b></p> <p>RELINQUISHED BY SAMPLER DATE/TIME 4/20/21 0800 RECEIVED BY _____</p> <p>RELINQUISHED BY _____ DATE/TIME 4/20/21 1. RECEIVED BY _____</p> <p>RELINQUISHED BY _____ DATE/TIME 4/20/21 2. RECEIVED FOR LAB BY _____</p> <p>RELINQUISHED BY _____ DATE/TIME 4/20/21 3. RECEIVED BY _____</p> |                               |                |             |  |         |      |              |                     |   |   |   |   |   |   |   |   |   |
| <p>Conditions of bottles or coolers at receipt: <input checked="" type="checkbox"/> Compliant <input type="checkbox"/> Non Compliant <input type="checkbox"/> Cooler Temp. 5-5°C</p> <p>MeOH extraction requires an additional 4oz. Jar for percent solid <input type="checkbox"/> Ice in Cooler? <input checked="" type="checkbox"/></p> <p>Comments:</p>   |                               |                |             |  |         |      |              |                     |   |   |   |   |   |   |   |   |   |
| <p>SHIPPED VIA: CLIENT: <input type="checkbox"/> Hand Delivered <input type="checkbox"/> Overnight <input type="checkbox"/> Picked Up <input type="checkbox"/> Overnight</p> <p>CHEMTECH: <input checked="" type="checkbox"/> Picked Up <input type="checkbox"/> Overnight</p> <p>Page 3 of 3</p>  |                               |                |             |  |         |      |              |                     |   |   |   |   |   |   |   |   |   |
| <p>WHITE - CHEMTECH COPY FOR RETURN TO CLIENT YELLOW - CHEMTECH COPY PINK - SAMPLER COPY</p>   |                               |                |             |  |         |      |              |                     |   |   |   |   |   |   |   |   |   |

**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 |