



4/3/2020

**Work Order: 20C1503**  
**Project: Albion Middle School**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



## Certificate of Analysis

**Lab Sample No.: 20C1503-01**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 4:59 AM   |
| <b>Sample Site:</b> Kitchen A-1      | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Albion Middle School    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.768         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | 0.0012        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C1503-02**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 5:01 AM   |
| <b>Sample Site:</b> Cafe/Gym A-2     | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Albion Middle School    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.615         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1503-03**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 5:03 AM   |
| <b>Sample Site:</b> Kiva A-3         | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Albion Middle School    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.391         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C1503-04**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 5:05 AM   |
| <b>Sample Site:</b> Room C-1C A-4    | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Albion Middle School    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.396         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1503-05**

|  |   |
|--|---|
| <b>Name:</b> Canyons School District   | <b>Sample Date:</b> 3/13/2020 5:06 AM   |
| <b>Sample Site:</b> Faculty Lounge A-5 | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                       | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water            | <b>Project:</b> Albion Middle School    |
| <b>PO Number:</b> 0402000013           | <b>System No.:</b>                      |
| <b>Source Code:</b>                    | <b>Sample Point:</b>                    |
|  | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.775         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1503-06**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 5:08 AM   |
| <b>Sample Site:</b> Room 303 A-6     | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Albion Middle School    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.800         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | 0.0011        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1503-07**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 5:10 AM   |
| <b>Sample Site:</b> Room 306 A-7     | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Albion Middle School    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.606         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |





# Certificate of Analysis

**Lab Sample No.: 20C1503-08**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 5:12 AM   |
| <b>Sample Site:</b> C-5A A-8         | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Albion Middle School    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.545         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | 0.0006        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826 5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Albion Middle School  
 EMAIL: keulanray@canyonsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \* \_\_\_\_\_

\* Expedited turnaround subject to additional charge

| Lab Use Only  | CLIENT SAMPLE INFORMATION |         |       |        |                        |
|---------------|---------------------------|---------|-------|--------|------------------------|
|               | LOCATION / IDENTIFICATION | DATE    | TIME  | MATRIX | Field Residual Cloning |
| 2001506<br>01 | 1. Kitchen A-1            | 3-13-20 | 04:59 | Water  |                        |
| 02            | 2. Cafe/Boys A-2          |         | 05:01 |        |                        |
| 03            | 3. Kids A-3               |         | 05:03 |        |                        |
| 04            | 4. Room C-16 A-4          |         | 05:05 |        |                        |
| 05            | 5. Faculty Lounge A-5     |         | 05:06 |        |                        |
| 06            | 6. Room 303 A-6           |         | 05:08 |        |                        |
| 07            | 7. Room 306 A-7           |         | 05:10 |        |                        |
| 08            | 8. C-SA A-8               |         | 05:12 |        |                        |
|               | 9.                        |         |       |        |                        |
|               | 10.                       |         |       |        |                        |

| TESTS REQUESTED |  |  |  |  |  |  |  |  |  | Bacteria |   |                                       |
|-----------------|--|--|--|--|--|--|--|--|--|----------|---|---------------------------------------|
| Copper          |  |  |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) |
| Iron            |  |  |  |  |  |  |  |  |  |          | HPC (Plate Count)                         | E. coli Only                          |
| Lead            |  |  |  |  |  |  |  |  |  |          |   |                                       |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C°): 21.0

Sample received outside the EPA recommended temperature range of 0-6 C° may be rejected.

Relinquished by: (signature) \_\_\_\_\_ Date/Time 3-26-20 Received by: (signature) Annette Mills Date/Time 3/26/20 11:39

Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_ Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_ Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070

801.262.7299 PHONE  
866.792.0093 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





4/13/2020

**Work Order: 20D0050**  
**Project: Alta High**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20D0050-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:04 AM  |
| <b>Sample Site:</b> Kitchen A-1      | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Alta High              |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.261         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/03/2020         |      |
| Lead, Total   | 0.0030        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0050-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:06 AM  |
| <b>Sample Site:</b> Room 1315 A-2    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Alta High              |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.528         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/03/2020         |      |
| Lead, Total   | 0.0007        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0050-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:08 AM  |
| <b>Sample Site:</b> Room 1304 A-3    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Alta High              |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.627         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/03/2020         |      |
| Lead, Total   | 0.0008        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |





# Certificate of Analysis

**Lab Sample No.: 20D0050-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:10 AM  |
| <b>Sample Site:</b> Room 1202 A-4    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Alta High              |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.754         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/03/2020         |      |
| Lead, Total   | 0.0012        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0050-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:12 AM  |
| <b>Sample Site:</b> Room 1104 A-5    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Alta High              |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 1.01          | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/03/2020         |      |
| Lead, Total   | 0.0008        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0050-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:15 AM  |
| <b>Sample Site:</b> Room 1906 A-6    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Alta High              |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 1.08          | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/03/2020         |      |
| Lead, Total   | 0.0011        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0050-07**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:18 AM  |
| <b>Sample Site:</b> Room 1813 A-7    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Alta High              |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.908         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/03/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0050-08**

|  |  |
|--|--|
| <b>Name:</b> Canyons School District     | <b>Sample Date:</b> 3/18/2020 3:20 AM  |
| <b>Sample Site:</b> Boys Locker Room A-8 | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                         | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water              | <b>Project:</b> Alta High              |
| <b>PO Number:</b> 0402000013             | <b>System No.:</b>                     |
| <b>Source Code:</b>                      | <b>Sample Point:</b>                   |
|  | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.632         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/03/2020         |      |
| Lead, Total   | 0.0012        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0050-09**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:22 AM  |
| <b>Sample Site:</b> Dance Room A-9   | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Alta High              |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.694         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/03/2020         |      |
| Lead, Total   | 0.0016        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0050-10**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:24 AM  |
| <b>Sample Site:</b> Room 1603 A-10   | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Alta High              |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.543         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/03/2020         |      |
| Lead, Total   | 0.0048        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.



CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-820-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: After HHS  
 EMAIL: kevin.ray@canyonsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \* \_\_\_\_\_

\* Expedited turnaround subject to additional charge

2000050

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |       |        |                         |
|--------------|---------------------------|---------|-------|--------|-------------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME  | MATRIX | Field Residual Chlorine |
|              | 1. Kitchen A-1            | 3-17-20 | 03:04 | Water  |                         |
|              | 2. Room 1315 A-2          |         | 03:06 |        |                         |
|              | 3. Room 1304 A-3          |         | 03:08 |        |                         |
|              | 4. Room 1202 A-4          |         | 03:10 |        |                         |
|              | 5. Room 1104 A-5          |         | 03:12 |        |                         |
|              | 6. Room 1906 A-6          |         | 03:15 |        |                         |
|              | 7. Room 1813 A-7          |         | 03:18 |        |                         |
|              | 8. Boys Locker Room A-8   |         | 03:20 |        |                         |
|              | 9. Dance Room A-9         |         | 03:22 |        |                         |
|              | 10. Room 1603 A-10        |         | 03:24 |        |                         |

| TESTS REQUESTED |      |      |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |
|-----------------|------|------|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|
| Copper          | Iron | Lead |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. Coli Only |
|                 |      |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C): 22.9

Samples received outside the EPA recommended temperature range of 0-6 C\* may be rejected.

|                                    |                          |   |                               |
|------------------------------------|--------------------------|---|-------------------------------|
| Relinquished by: (signature) _____ | Date/Time <u>3-31-20</u> | Received by: (signature) <u>Janette Mills</u> | Date/Time <u>4/1/20 12:40</u> |
| Relinquished by: (signature) _____ | Date/Time _____          | Received by: (signature) _____                | Date/Time _____               |
| Relinquished by: (signature) _____ | Date/Time _____          | Received by: (signature) _____                | Date/Time _____               |

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070

801.262.7299 PHONE  
866.792.0093 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.

41 E ✓



3/25/2020

**Work Order: 20C0929**  
**Project: Alta View Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C0929-01**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 3:51 AM   |
| <b>Sample Site:</b> AV-1 Kitchen     | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Alta View Elementary    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.367         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0016        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0929-02**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 3:53 AM   |
| <b>Sample Site:</b> AV-2 Room 51     | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Alta View Elementary    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.259         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0929-03**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 3:55 AM   |
| <b>Sample Site:</b> AV-3 Room 117    | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Alta View Elementary    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | ND            | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0929-04**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 3:57 AM   |
| <b>Sample Site:</b> AV-4 Room 162    | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Alta View Elementary    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.343         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0929-05**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 3:59 AM   |
| <b>Sample Site:</b> AV-5 Room 101F   | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Alta View Elementary    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0011        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0929-06**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 4:02 AM   |
| <b>Sample Site:</b> AV-6 Room 201    | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Alta View Elementary    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.388         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |





## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.







3/25/2020

**Work Order: 20C0930**  
**Project: Altara Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C0930-01**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 3:05 AM   |
| <b>Sample Site:</b> A-1 Kitchen      | <b>Receipt Date:</b> 3/17/2020 12:46 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Altara Elementary       |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0529        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.14          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0034        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0930-02**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 3:10 AM   |
| <b>Sample Site:</b> A-2 Room 9       | <b>Receipt Date:</b> 3/17/2020 12:46 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Altara Elementary       |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.300         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.02          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0930-03**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 3:12 AM   |
| <b>Sample Site:</b> A-3 Room 20      | <b>Receipt Date:</b> 3/17/2020 12:46 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Altara Elementary       |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.282         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.07          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0008        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0930-04**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 3:14 AM   |
| <b>Sample Site:</b> A-4 Room 24      | <b>Receipt Date:</b> 3/17/2020 12:46 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Altara Elementary       |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 1.08          | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | <b>0.30</b>   | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0054        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |





## Certificate of Analysis

**Lab Sample No.: 20C0930-05**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 3:15 AM   |
| <b>Sample Site:</b> A-5 Room 34      | <b>Receipt Date:</b> 3/17/2020 12:46 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Altara Elementary       |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.552         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.09          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0007        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0930-06**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 3:17 AM   |
| <b>Sample Site:</b> A-6 Room 51      | <b>Receipt Date:</b> 3/17/2020 12:46 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Altara Elementary       |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0018        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Caryon School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Altam Elementary  
 EMAIL: kevinray@caryondistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



TURNAROUND REQUIRED:\*

\* Expedited turnaround subject to additional charge

20C0930

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |      |        |                         |
|--------------|---------------------------|---------|------|--------|-------------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME | MATRIX | Field Residual Chlorine |
| 01           | 1. A-1 Kitches            | 3-11-20 | 3:05 | Water  |                         |
| 02           | 2. A-3 Room 9             |         | 3:10 |        |                         |
| 03           | 3. A-3 Room 20            |         | 3:12 |        |                         |
| 04           | 4. A-4 Room 24            |         | 3:14 |        |                         |
| 05           | 5. A-5 Room 34            |         | 3:15 |        |                         |
| 06           | 6. A-6 Room 51            |         | 3:17 |        |                         |
|              | 7.                        |         |      |        |                         |
|              | 8.                        |         |      |        |                         |
|              | 9.                        |         |      |        |                         |
|              | 10.                       |         |      |        |                         |

| TESTS REQUESTED |      |      |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |
|-----------------|------|------|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|
| Copper          | Iron | Lead |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. coli Only |
|                 |      |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |

Sampled by: [print] \_\_\_\_\_ Sampled by: [signature] \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C): 22.8

Special Instructions: \_\_\_\_\_

Samples received outside the EPA recommended temperature range of 0-6 C may be rejected.

Relinquished by: [signature] \_\_\_\_\_  
 Relinquished by: [signature] \_\_\_\_\_  
 Relinquished by: [signature] \_\_\_\_\_

Received by: [signature] [Signature] Date/Time 3-17-20  
 Received by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Received by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_

CHEMTECH-FORD  
 9632 South 500 West  
 Sandy, UT 84070  
 801.262.7299 PHONE  
 866.792.0093 FAX  
 www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





3/25/2020

**Work Order: 20C0941**  
**Project: Bellview Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



## Certificate of Analysis

**Lab Sample No.: 20C0941-01**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 4:15 AM   |
| <b>Sample Site:</b> BV-1 Kitchen     | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Bellview Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.126         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.04          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0059        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0941-02**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 4:17 AM   |
| <b>Sample Site:</b> BV-2 Room 42     | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Bellview Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.181         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |





# Certificate of Analysis

**Lab Sample No.: 20C0941-03**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 4:18 AM   |
| <b>Sample Site:</b> BV-3 Room 32     | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Bellview Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.174         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0010        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0941-04**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 4:19 AM   |
| <b>Sample Site:</b> BV-4 Room 5      | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Bellview Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.140         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0941-05**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 4:21 AM   |
| <b>Sample Site:</b> BV-5 Room 12     | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Bellview Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.254         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0015        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0941-06**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 4:23 AM   |
| <b>Sample Site:</b> BV-6 Room 21     | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Bellview Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.373         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0005        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Bellvue Elementary  
 EMAIL: Kevin.ray@canynonsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED:\*

\*Expedited turnaround subject to additional charge

20C0941

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |      |        |                         |
|--------------|---------------------------|---------|------|--------|-------------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME | MATRIX | Field Residual Chlorine |
|              | 1. BV-1 K. Jakes          | 3-11-20 | 4:15 | Water  |                         |
|              | 2. BV-2 Room 42           |         | 4:17 |        |                         |
|              | 3. BV-3 Room 32           |         | 4:18 |        |                         |
|              | 4. BV-4 Room 5            |         | 4:19 |        |                         |
|              | 5. BV-5 Room 12           |         | 4:21 |        |                         |
|              | 6. BV-6 Room 21           |         | 4:23 |        |                         |
|              | 7.                        |         |      |        |                         |
|              | 8.                        |         |      |        |                         |
|              | 9.                        |         |      |        |                         |
|              | 10.                       |         |      |        |                         |

| TESTS REQUESTED |      |      |  |  |  |  |  |  |  | Bacteria                                  |                                       |                   |              |
|-----------------|------|------|--|--|--|--|--|--|--|---|---------------------------------------|-------------------|--------------|
| Copper          | Iron | Lead |  |  |  |  |  |  |  | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. coli Only |
|                 |      |      |  |  |  |  |  |  |  |   |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE:  NOT ON ICE:  Temp (C°): 22.8

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

|                                    |                           |                                |                                |
|------------------------------------|---------------------------|--------------------------------|--------------------------------|
| Relinquished by: (signature) _____ | Date/Time: <u>3-17-20</u> | Received by: (signature) _____ | Date/Time: <u>3/17/20 1245</u> |
| Relinquished by: (signature) _____ | Date/Time: _____          | Received by: (signature) _____ | Date/Time: _____               |
| Relinquished by: (signature) _____ | Date/Time: _____          | Received by: (signature) _____ | Date/Time: _____               |

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070

801.262.7299 PHONE  
866.792.0093 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% Interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





3/11/2020

**Work Order: 20C0143**  
**Project: Bella Vista Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director





# Certificate of Analysis

**Lab Sample No.: 20C0143-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 2/28/2020 3:08 PM  |
| <b>Sample Site:</b> BV-1 Kitchen     | <b>Receipt Date:</b> 3/3/2020 2:47 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Bella Vista Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.924         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | 0.0024        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0143-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 2/28/2020 3:09 PM  |
| <b>Sample Site:</b> BV-2 C110        | <b>Receipt Date:</b> 3/3/2020 2:47 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Bella Vista Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.746         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0143-03**

|  |  |
|--|--|
| <p><b>Name:</b> Canyons School District</p> <p><b>Sample Site:</b> BV-3 A107</p> <p><b>Comments:</b></p> <p><b>Sample Matrix:</b> Water</p> <p><b>PO Number:</b> 0402000013</p> <p><b>Source Code:</b></p> | <p><b>Sample Date:</b> 2/28/2020 3:12 PM</p> <p><b>Receipt Date:</b> 3/3/2020 2:47 PM</p> <p><b>Sampler:</b> Client</p> <p><b>Project:</b> Bella Vista Elementary</p> <p><b>System No.:</b></p> <p><b>Report to State:</b></p> |
| <b>Sample Point:</b>   |  |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.648         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0143-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 2/28/2020 3:21 PM  |
| <b>Sample Site:</b> BV-4 A108        | <b>Receipt Date:</b> 3/3/2020 2:47 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Bella Vista Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.738         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | 0.0006        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0143-05**

|  |  |
|--|--|
| <p><b>Name:</b> Canyons School District</p> <p><b>Sample Site:</b> BV-5 C104</p> <p><b>Comments:</b></p> <p><b>Sample Matrix:</b> Water</p> <p><b>PO Number:</b> 0402000013</p> <p><b>Source Code:</b></p> | <p><b>Sample Date:</b> 2/28/2020 3:25 PM</p> <p><b>Receipt Date:</b> 3/3/2020 2:47 PM</p> <p><b>Sampler:</b> Client</p> <p><b>Project:</b> Bella Vista Elementary</p> <p><b>System No.:</b></p> <p><b>Report to State:</b></p> |
| <b>Sample Point:</b>   |  |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 1.03          | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0143-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 2/28/2020 3:27 PM  |
| <b>Sample Site:</b> BV-6 Sick Room   | <b>Receipt Date:</b> 3/3/2020 2:47 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Bella Vista Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.987         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | 0.0009        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyon SD  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84020  
 PHONE #: 801-826 5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Bella Vista Elementary  
 EMAIL: Kevin-ray@canyon-district-ut

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED:\*

\*Expedited turnaround subject to additional charge

200043

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |      |        |                         |
|--------------|---------------------------|---------|------|--------|-------------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME | MATRIX | Field Residual Chlorine |
| -01          | 1. BV-1 Kitchen           | 2-28-20 | 3:08 | Water  |                         |
| 02           | 2. BV-2 C110              |         | 3:09 |        |                         |
| 03           | 3. BV-3 A107              |         | 3:12 |        |                         |
| 04           | 4. BV-4 A108              |         | 3:21 |        |                         |
| 05           | 5. BV-5 C104              |         | 3:25 |        |                         |
| 06           | 6. BV-6 Sick Room         |         | 3:27 |        |                         |
|              | 7.                        |         |      |        |                         |
|              | 8.                        |         |      |        |                         |
|              | 9.                        |         |      |        |                         |
|              | 10.                       |         |      |        |                         |

| TESTS REQUESTED |        |       |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |
|-----------------|--------|-------|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|
| Lead            | Copper | Trach |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. coli Only |
|                 |        |       |  |  |  |  |  |  |  |          |   |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

Special instructions: \_\_\_\_\_

ON ICE NOT ON ICE Temp (C): 16.9

Samples received outside the EPA recommended temperature range of 0-6 C\* may be rejected.

Relinquished by: (signature) [Signature] Date/Time 3-3-20 1447

Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

Received by: (signature) [Signature] Date/Time 3-3-20 1447

Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070

801.262.7299 PHONE  
866.792.8093 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.







4/13/2020

**Work Order: 20D0065**  
**Project: Brighton High**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20D0065-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 4:58 AM  |
| <b>Sample Site:</b> Kitchen B-1      | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Brighton High          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.546         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/07/2020            | 04/07/2020         |      |
| Lead, Total   | 0.0011        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0065-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 5:00 AM  |
| <b>Sample Site:</b> Room 409 B-2     | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Brighton High          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0673        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | 0.09          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/07/2020            | 04/07/2020         |      |
| Lead, Total   | 0.0040        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0065-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 5:02 AM  |
| <b>Sample Site:</b> Room 423 B-3     | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Brighton High          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0091        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | 0.02          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/07/2020            | 04/07/2020         |      |
| Lead, Total   | 0.0024        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0065-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 5:04 AM  |
| <b>Sample Site:</b> Room 431 B-4     | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Brighton High          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.444         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/07/2020            | 04/07/2020         |      |
| Lead, Total   | 0.0008        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0065-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 5:06 AM  |
| <b>Sample Site:</b> Room 506 B-5     | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Brighton High          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.197         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | 0.04          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/07/2020            | 04/07/2020         |      |
| Lead, Total   | 0.0011        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0065-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 5:08 AM  |
| <b>Sample Site:</b> Room 323 B-6     | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Brighton High          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0542        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | 0.05          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/07/2020            | 04/07/2020         |      |
| Lead, Total   | 0.0020        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |





# Certificate of Analysis

**Lab Sample No.: 20D0065-07**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 5:10 AM  |
| <b>Sample Site:</b> Room 610 B-7     | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Brighton High          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.532         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | 0.36          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/07/2020            | 04/07/2020         |      |
| Lead, Total   | 0.0021        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0065-08**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 5:12 AM  |
| <b>Sample Site:</b> Room 330 B-8     | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Brighton High          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.608         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/06/2020            | 04/06/2020         |      |
| Iron, Total   | 0.02          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/07/2020            | 04/07/2020         |      |
| Lead, Total   | 0.0020        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/06/2020            | 04/06/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0065-09**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 5:13 AM  |
| <b>Sample Site:</b> Room 100C B-9    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Brighton High          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.393         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/06/2020            | 04/06/2020         |      |
| Iron, Total   | 0.05          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/07/2020            | 04/07/2020         |      |
| Lead, Total   | 0.0018        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/06/2020            | 04/06/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0065-10**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 5:15 AM  |
| <b>Sample Site:</b> Room 209 B-10    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Brighton High          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0736        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/06/2020            | 04/06/2020         |      |
| Iron, Total   | 0.09          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/07/2020            | 04/07/2020         |      |
| Lead, Total   | 0.0056        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/06/2020            | 04/06/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Brighton High  
 EMAIL: Kevin.ray@canynonsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \* \_\_\_\_\_

\* Expedited turnaround subject to additional charge

2000065

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |       |        |                          |
|--------------|---------------------------|---------|-------|--------|--------------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME  | MATRIX | Field: Residual Chlorine |
| -01          | 1. Kitchen B-1            | 3-18-20 | 04:58 | Water  |                          |
| -02          | 2. Room 409 B-2           |         | 05:00 |        |                          |
| -03          | 3. Room 423 B-3           |         | 05:02 |        |                          |
| -04          | 4. Room 431 B-4           |         | 05:04 |        |                          |
| -05          | 5. Room 506 B-5           |         | 05:06 |        |                          |
| -06          | 6. Room 323 B-6           |         | 05:08 |        |                          |
| -07          | 7. Room 610 B-7           |         | 05:10 |        |                          |
| -08          | 8. Room 330 B-8           |         | 05:12 |        |                          |
| -09          | 9. Room 100C B-9          |         | 05:13 |        |                          |
| -10          | 10. Room 209 B-10         |         | 05:15 |        |                          |

| TESTS REQUESTED |      |      |  |  |  |  |  |  |  | Bacteria                                  |                                       |                   |              |
|-----------------|------|------|--|--|--|--|--|--|--|---|---------------------------------------|-------------------|--------------|
| Copper          | Lead | Iron |  |  |  |  |  |  |  | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. coli Only |
|                 |      |      |  |  |  |  |  |  |  |   |                                       |                   |              |

1031

Sampled by: [print] \_\_\_\_\_ Sampled by: [signature] \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE:  NOT ON ICE:  Temp (C): 72.9

Samples received outside the EPA recommended temperature range of 0-6°C may be rejected.

Relinquished by: [signature] J Date/Time 3-31-20 Received by: [signature] Annette Mills Date/Time 4-1-20 12:40

Relinquished by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_ Received by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_

Relinquished by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_ Received by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070

801.262.7299 PHONE  
866.792.0093 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.

E ✓



3/11/2020

**Work Order: 20C0145**  
**Project: Brookwood Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C0145-01**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/3/2020 3:47 PM  |
| <b>Sample Site:</b> B-1 Room 6       | <b>Receipt Date:</b> 3/3/2020 2:47 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Brookwood Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.644         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |





# Certificate of Analysis

**Lab Sample No.: 20C0145-02**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/3/2020 3:49 PM  |
| <b>Sample Site:</b> B-2 Room 3       | <b>Receipt Date:</b> 3/3/2020 2:47 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Brookwood Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.774         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0145-03**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/3/2020 3:52 PM  |
| <b>Sample Site:</b> B-3 Room 22      | <b>Receipt Date:</b> 3/3/2020 2:47 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Brookwood Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.653         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0145-04**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/3/2020 3:54 PM  |
| <b>Sample Site:</b> B-4 Room 19      | <b>Receipt Date:</b> 3/3/2020 2:47 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Brookwood Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.306         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0145-05**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/3/2020 3:56 PM  |
| <b>Sample Site:</b> B-5 Room 16      | <b>Receipt Date:</b> 3/3/2020 2:47 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Brookwood Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.283         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0145-06**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/3/2020 3:58 PM  |
| <b>Sample Site:</b> B-6 Room 13      | <b>Receipt Date:</b> 3/3/2020 2:47 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Brookwood Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.291         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Calypso SD  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 901-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Brookwood Elementary  
 EMAIL: Kevin.ray@calypsosd.k12.ut.us

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED:\*

\*Expedited turnaround subject to additional charge

20C 0145

| Lab Use Only | CLIENT SAMPLE INFORMATION |        |      |        |                         |
|--------------|---------------------------|--------|------|--------|-------------------------|
|              | LOCATION / IDENTIFICATION | DATE   | TIME | MATRIX | Field Residual Chlorine |
| -01          | 1. B-1 Room 6             | 3-3-20 | 3:47 | Water  |                         |
| 02           | 2. B-2 Room 3             |        | 3:49 |        |                         |
| 03           | 3. B-3 Room 22            |        | 3:52 |        |                         |
| 04           | 4. B-4 Room 19            |        | 3:54 |        |                         |
| 05           | 5. B-5 Room 16            |        | 3:56 |        |                         |
| 06           | 6. B-6 Room 13            |        | 3:58 |        |                         |
|              | 7.                        |        |      |        |                         |
|              | 8.                        |        |      |        |                         |
|              | 9.                        |        |      |        |                         |
|              | 10.                       |        |      |        |                         |

| TESTS REQUESTED |        |       |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |
|-----------------|--------|-------|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|
| Lead            | Copper | Trach |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. coli Only |
|                 |        |       |  |  |  |  |  |  |  |          |   |                                       |                   |              |

Sampled by: [print] \_\_\_\_\_ Sampled by: [signature] \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE NOT ON ICE Temp (C°): 16.9

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

Relinquished by: [signature] \_\_\_\_\_ Date/Time 3-3-20 1447

Relinquished by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_

Relinquished by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_

Received by: [signature] \_\_\_\_\_ Date/Time 3-3-20 1447

Received by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_

Received by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_

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Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.







3/25/2020

**Work Order: 20C0971**  
**Project: Butler Middle**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



## Certificate of Analysis

**Lab Sample No.: 20C0971-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 4:29 AM  |
| <b>Sample Site:</b> BM-1 Kitchen     | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Butler Middle          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.783         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0008        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0971-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 4:30 AM  |
| <b>Sample Site:</b> BM-2 Room D108   | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Butler Middle          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.759         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0971-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 4:31 AM  |
| <b>Sample Site:</b> BM-3 Room D103   | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Butler Middle          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.625         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0971-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 4:33 AM  |
| <b>Sample Site:</b> BM-4 Room B105   | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Butler Middle          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.820         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0971-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 4:35 AM  |
| <b>Sample Site:</b> BM-5 Room E-100B | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Butler Middle          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.626         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0971-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 4:37 AM  |
| <b>Sample Site:</b> BM-6 Room E-111  | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Butler Middle          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 1.07          | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0971-07**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 4:38 AM  |
| <b>Sample Site:</b> BM-7 Room E-211  | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Butler Middle          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.994         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |





## Certificate of Analysis

**Lab Sample No.: 20C0971-08**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 4:42 AM  |
| <b>Sample Site:</b> BM-8 Room B200   | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Butler Middle          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.650         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Rey PROJECT: Butler Middle  
 EMAIL: kevin.rey@canysondistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \* \_\_\_\_\_

\* Expedited turnaround subject to additional charge

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |      |        |                                 |
|--------------|---------------------------|---------|------|--------|---------------------------------|
| 10C0971      | LOCATION / IDENTIFICATION | DATE    | TIME | MATRIX | Field: Residential<br>C/ Marine |
| 01           | 1. BM-1 Kitchen           | 3-13-20 | 429  | Water  |                                 |
| 02           | 2. BM-2 Room D108         |         | 430  |        |                                 |
| 03           | 3. BM-3 Room D103         |         | 431  |        |                                 |
| 04           | 4. BM-4 Room B105         |         | 433  |        |                                 |
| 05           | 5. BM-5 Room E100B        |         | 435  |        |                                 |
| 06           | 6. BM-6 Room E-111        |         | 437  |        |                                 |
| 07           | 7. BM-7 Room E-211        |         | 438  |        |                                 |
| 08           | 8. BM-8 Room B200         |         | 442  |        |                                 |
| 9.           |                           |         |      |        |                                 |
| 10.          |                           |         |      |        |                                 |

| TESTS REQUESTED         |  |  |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |
|-------------------------|--|--|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|
| Canyons<br>Inch<br>Lead |  |  |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (plate Count) | E. coli Only |
|                         |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                         |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                         |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                         |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                         |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                         |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                         |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                         |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                         |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C°): 22.1

Special Instructions: \_\_\_\_\_

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

Relinquished by: (signature) \_\_\_\_\_  
 Relinquished by: (signature) \_\_\_\_\_  
 Relinquished by: (signature) \_\_\_\_\_

Received by: (signature) Jestudender Date/Time: 3-17-20 14:15  
 Received by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070  
801.262.7299 PHONE  
866.792.8089 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





3/11/2020

**Work Order: 20C0142**  
**Project: Butler Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C0142-01**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 2/28/2020 3:45 PM |
| <b>Sample Site:</b> BE -1 Kitchen    | <b>Receipt Date:</b> 3/3/2020 2:47 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Butler Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.529         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | 0.0007        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0142-02**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 2/28/2020 3:52 PM |
| <b>Sample Site:</b> BE-2 110         | <b>Receipt Date:</b> 3/3/2020 2:47 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Butler Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.631         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0142-03**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 2/28/2020 3:55 PM |
| <b>Sample Site:</b> BE-3 209         | <b>Receipt Date:</b> 3/3/2020 2:47 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Butler Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.318         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |





## Certificate of Analysis

**Lab Sample No.: 20C0142-04**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 2/28/2020 3:57 PM |
| <b>Sample Site:</b> BE-4 510         | <b>Receipt Date:</b> 3/3/2020 2:47 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Butler Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.379         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0142-05**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 2/28/2020 4:00 PM |
| <b>Sample Site:</b> BE-5 408         | <b>Receipt Date:</b> 3/3/2020 2:47 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Butler Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.307         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0142-06**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 2/28/2020 4:03 PM |
| <b>Sample Site:</b> BE-6 009         | <b>Receipt Date:</b> 3/3/2020 2:47 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Butler Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0885        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Cargill SD  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826 5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Butler Elementary  
 EMAIL: Kevin.ray@cargilldistal.com

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \* \_\_\_\_\_  
 \* Expedited turnaround subject to additional charge

20C0147

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |      |        |                          |
|--------------|---------------------------|---------|------|--------|--------------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME | MATRIX | Field: Residual Chlorine |
| 01           | 1. BE-1 Kitchen           | 2-28-20 | 3:45 | Water  |                          |
| 02           | 2. BE-2 110               |         | 3:52 |        |                          |
| 03           | 3. BE-3 209               |         | 3:55 |        |                          |
| 04           | 4. BE-4 510               |         | 3:57 |        |                          |
| 05           | 5. BE-5 409               |         | 4:00 |        |                          |
| 06           | 6. BE-6 009               |         | 4:03 |        |                          |
|              | 7.                        |         |      |        |                          |
|              | 8.                        |         |      |        |                          |
|              | 9.                        |         |      |        |                          |
|              | 10.                       |         |      |        |                          |

| TESTS REQUESTED   |  |  |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |
|---|--|--|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|
| I<br>n<br>T<br>e<br>n<br>C<br>o<br>p<br>p<br>e<br>r<br>L<br>e<br>a<br>d |  |  |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. Coli Only |
|   |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|   |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|   |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|   |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|   |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|   |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|   |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|   |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|   |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |

Sampled by: [print] \_\_\_\_\_ Sampled by: [signature] \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C°): 16.9

Special instructions: \_\_\_\_\_

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

Relinquished by: [signature] \_\_\_\_\_ Date/Time 3-3-2014 7 Received by: [signature] \_\_\_\_\_ Date/Time 3-3-2014 7

Relinquished by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_ Received by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_

Relinquished by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_ Received by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070

801.262.7299 PHONE  
866.792.0093 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





3/11/2020

**Work Order: 20C0141**  
**Project: Canyon View Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C0141-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/2/2020 3:45 PM   |
| <b>Sample Site:</b> R-1 Kitchen      | <b>Receipt Date:</b> 3/3/2020 2:47 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Canyon View Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0474        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | 0.22          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | 0.0039        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |





# Certificate of Analysis

**Lab Sample No.: 20C0141-02**

|  |  |
|--|--|
| <b>Name:</b> Canyons School District   | <b>Sample Date:</b> 3/2/2020 3:48 PM   |
| <b>Sample Site:</b> R-2 2nd, 3rd Grade | <b>Receipt Date:</b> 3/3/2020 2:47 PM  |
| <b>Comments:</b>                       | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water            | <b>Project:</b> Canyon View Elementary |
| <b>PO Number:</b> 0402000013           | <b>System No.:</b>                     |
| <b>Source Code:</b>                    | <b>Sample Point:</b>                   |
|  | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.269         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | 0.04          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | 0.0007        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0141-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/2/2020 3:51 PM   |
| <b>Sample Site:</b> R-3 4th Grade    | <b>Receipt Date:</b> 3/3/2020 2:47 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Canyon View Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.347         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | 0.03          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | 0.0017        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0141-04**

|  |   |
|--|---|
| <p><b>Name:</b> Canyons School District</p> <p><b>Sample Site:</b> R-4 5th Grade</p> <p><b>Comments:</b></p> <p><b>Sample Matrix:</b> Water</p> <p><b>PO Number:</b> 0402000013</p> <p><b>Source Code:</b></p> | <p><b>Sample Date:</b> 3/2/2020 3:53 PM</p> <p><b>Receipt Date:</b> 3/3/2020 2:47 PM</p> <p><b>Sampler:</b> Client</p> <p><b>Project:</b> Canyon View Elementary</p> <p><b>System No.:</b></p> <p><b>Report to State:</b></p> |
|--|---|

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0067        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0141-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/2/2020 3:55 PM   |
| <b>Sample Site:</b> R-5 Office Hall  | <b>Receipt Date:</b> 3/3/2020 2:47 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Canyon View Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.866         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0141-06**

|   |   |
|---|---|
| <p><b>Name:</b> Canyons School District</p> <p><b>Sample Site:</b> R-6 Room 6</p> <p><b>Comments:</b></p> <p><b>Sample Matrix:</b> Water</p> <p><b>PO Number:</b> 0402000013</p> <p><b>Source Code:</b></p> | <p><b>Sample Date:</b> 3/2/2020 3:58 PM</p> <p><b>Receipt Date:</b> 3/3/2020 2:47 PM</p> <p><b>Sampler:</b> Client</p> <p><b>Project:</b> Canyon View Elementary</p> <p><b>System No.:</b></p> <p><b>Report to State:</b></p> |
| <b>Sample Point:</b>  |   |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.442         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | 0.02          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | 0.0013        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons SD  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Roy PROJECT: Canyon View Elem.  
 EMAIL: Kevin.Roy@canjonsd.net

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \* \_\_\_\_\_

\* Expedited turnaround subject to additional charge

20C0141

| Lab Use Only | CLIENT SAMPLE INFORMATION |        |      |        |                         |
|--------------|---------------------------|--------|------|--------|-------------------------|
|              | LOCATION / IDENTIFICATION | DATE   | TIME | MATRIX | Field Restroom Chlorine |
| -01          | 1. R-1 Kitchen            | 3-2-20 | 3:45 | Water  |                         |
| 02           | 2. R-2 2nd, 3rd grade     |        | 3:48 |        |                         |
| 03           | 3. R-3 4th grade          |        | 3:51 |        |                         |
| 04           | 4. R-4 5th grade          |        | 3:53 |        |                         |
| 05           | 5. R-5 Office Hall        |        | 3:55 |        |                         |
| 00           | 6. R-6 Room 6             |        | 3:58 |        |                         |
|              | 7.                        |        |      |        |                         |
|              | 8.                        |        |      |        |                         |
|              | 9.                        |        |      |        |                         |
|              | 10.                       |        |      |        |                         |

| TESTS REQUESTED |        |      |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |
|-----------------|--------|------|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|
| Lead            | Copper | Iron |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. Coli Only |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE NOT ON ICE Temp (C): 10.9

Samples received outside the EPA recommended temperature range of 0-6 C\* may be rejected.

Relinquished by: (signature) \_\_\_\_\_ Date/Time 3-3-20 14:17  
 Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

Received by: (signature) [Signature] Date/Time 3-3-20 14:17  
 Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070

801.262.7299 PHONE  
866.792.0099 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.







3/25/2020

**Work Order: 20C0974**  
**Project: Copperview Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C0974-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 3:36 AM  |
| <b>Sample Site:</b> C-1 Kitchen      | <b>Receipt Date:</b> 3/17/2020 3:14 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Copperview Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.245         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.03          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0013        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0974-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 3:38 AM  |
| <b>Sample Site:</b> C-2 Room C-109   | <b>Receipt Date:</b> 3/17/2020 3:14 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Copperview Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.230         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.02          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0974-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 3:39 AM  |
| <b>Sample Site:</b> C-3 Room A-113   | <b>Receipt Date:</b> 3/17/2020 3:14 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Copperview Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.135         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.02          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0005        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0974-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 3:42 AM  |
| <b>Sample Site:</b> C-4 Room C-105   | <b>Receipt Date:</b> 3/17/2020 3:14 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Copperview Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.274         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.02          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0974-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 3:43 AM  |
| <b>Sample Site:</b> C-5 Room D-103   | <b>Receipt Date:</b> 3/17/2020 3:14 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Copperview Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.284         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0974-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 3:45 AM  |
| <b>Sample Site:</b> C-6 Room B-115   | <b>Receipt Date:</b> 3/17/2020 3:14 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Copperview Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.513         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.



CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-926-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Copperview Elementary  
 EMAIL: Kevinray@canyonsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \* \_\_\_\_\_

\* Expedited turnaround subject to additional charge

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |      |        |                         |
|--------------|---------------------------|---------|------|--------|-------------------------|
| 2060974      | LOCATION / IDENTIFICATION | DATE    | TIME | MATRIX | Field Residual Chlorine |
| 01           | 1. C-1 Kitchen            | 3-12-20 | 3:36 | Water  |                         |
| 02           | 2. C-2 Room C-109         |         | 3:38 |        |                         |
| 03           | 3. C-3 Room A-113         |         | 3:39 |        |                         |
| 04           | 4. C-4 Room C-105         |         | 3:42 |        |                         |
| 05           | 5. C-5 Room D-103         |         | 3:43 |        |                         |
| 06           | 6. C-6 Room B-115         |         | 3:45 |        |                         |
|              | 7.                        |         |      |        |                         |
|              | 8.                        |         |      |        |                         |
|              | 9.                        |         |      |        |                         |
|              | 10.                       |         |      |        |                         |

| TESTS REQUESTED |        |      |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |
|-----------------|--------|------|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|
| Lead            | Copper | Inch |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. Coli Only |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE NOT ON ICE Temp (C): 22.9

Samples received outside the EPA recommended temperature range of 0-6 C\* may be rejected.

|                                    |                                |  |                                |
|------------------------------------|--------------------------------|--|--------------------------------|
| Relinquished by: (signature) _____ | Date/Time <u>3-12-20 15:14</u> | Received by: (signature) <u>Jessie Hensler</u> | Date/Time <u>3-17-20 15:14</u> |
| Relinquished by: (signature) _____ | Date/Time _____                | Received by: (signature) _____                 | Date/Time _____                |
| Relinquished by: (signature) _____ | Date/Time _____                | Received by: (signature) _____                 | Date/Time _____                |

CHEMTECH-FORD  
 9632 South 500 West  
 Sandy, UT 84070

801.262.7299 PHONE  
 866.792.0093 FAX  
 www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





4/13/2020

**Work Order: 20D0056**  
**Project: Corner Canyon High**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



## Certificate of Analysis

**Lab Sample No.: 20D0056-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/19/2020 12:00 AM |
| <b>Sample Site:</b> Kitchen CC-1     | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Corner Canyon High     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.853         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | 0.0009        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0056-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/19/2020 12:00 AM |
| <b>Sample Site:</b> Room A101 CC-2   | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Corner Canyon High     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0130        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0056-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/19/2020 12:00 AM |
| <b>Sample Site:</b> Room C102 CC-3   | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Corner Canyon High     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0029        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0056-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/19/2020 12:00 AM |
| <b>Sample Site:</b> Room PA107 CC-4  | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Corner Canyon High     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.608         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0056-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/19/2020 12:00 AM |
| <b>Sample Site:</b> Room T115 CC-5   | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Corner Canyon High     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0028        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |





## Certificate of Analysis

**Lab Sample No.: 20D0056-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/19/2020 12:00 AM |
| <b>Sample Site:</b> Room N113 CC-6   | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Corner Canyon High     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0043        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0056-07**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/19/2020 12:00 AM |
| <b>Sample Site:</b> Room N223 CC-7   | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Corner Canyon High     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.839         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0056-08**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/19/2020 12:00 AM |
| <b>Sample Site:</b> Room N205 CC-8   | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Corner Canyon High     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.976         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0056-09**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/19/2020 12:00 AM |
| <b>Sample Site:</b> Room S117 CC-9   | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Corner Canyon High     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0056        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0056-10**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/19/2020 12:00 AM |
| <b>Sample Site:</b> Room S223 CC-10  | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Corner Canyon High     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.853         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Condon Canyon High  
 EMAIL: Kevin.ray@canycsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \* \_\_\_\_\_

\* Expedited turnaround subject to additional charge

20D0056

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |      |        |                         |
|--------------|---------------------------|---------|------|--------|-------------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME | MATRIX | Field Residual Chlorine |
| -01          | 1. Kitchen CC-1           | 3-19-20 |      | Water  |                         |
| -02          | 2. Room A101 CC-2         |         |      |        |                         |
| -03          | 3. Room C102 CC-3         |         |      |        |                         |
| -04          | 4. Room PA107 CC-4        |         |      |        |                         |
| -05          | 5. Room T115 CC-5         |         |      |        |                         |
| -06          | 6. Room N113 CC-6         |         |      |        |                         |
| -07          | 7. Room N223 CC-7         |         |      |        |                         |
| -08          | 8. Room N205 CC-8         |         |      |        |                         |
| -09          | 9. Room S117 CC-9         |         |      |        |                         |
| -10          | 10. Room S223 CC-10       |         |      |        |                         |

| TESTS REQUESTED |      |      |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |
|-----------------|------|------|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|
| Copper          | Iron | Lead |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (plate Count) | E. coli Only |
|                 |      |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C): 22.9

Samples received outside the EPA recommended temperature range of 0-6 C may be rejected.

Relinquished by: (signature) \_\_\_\_\_ Date/Time 3-31-20  
 Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

Received by: (signature) Shirlette Mills Date/Time 4/1/20 12:40  
 Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070  
801.262.7299 PHONE  
866.792.8093 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.

E ✓



3/30/2020

**Work Order: 20C1473**  
**Project: Crescent Elementary Kitchen**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director





# Certificate of Analysis

**Lab Sample No.: 20C1473-01**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/26/2020 4:02 AM       |
| <b>Sample Site:</b> Kitchen C-1      | <b>Receipt Date:</b> 3/26/2020 11:39 AM     |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                      |
| <b>Sample Matrix:</b> Drinking Water | <b>Project:</b> Crescent Elementary Kitchen |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                          |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                        |
|                                      | <b>Report to State:</b>                     |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Lead, Total   | 0.0042        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1473-02**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/26/2020 4:03 AM       |
| <b>Sample Site:</b> Kitchen C-2      | <b>Receipt Date:</b> 3/26/2020 11:39 AM     |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                      |
| <b>Sample Matrix:</b> Drinking Water | <b>Project:</b> Crescent Elementary Kitchen |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                          |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                        |
|                                      | <b>Report to State:</b>                     |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Lead, Total   | 0.0072        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C1473-03**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/26/2020 4:03 AM       |
| <b>Sample Site:</b> Kitchen C-3      | <b>Receipt Date:</b> 3/26/2020 11:39 AM     |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                      |
| <b>Sample Matrix:</b> Drinking Water | <b>Project:</b> Crescent Elementary Kitchen |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                          |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                        |
|                                      | <b>Report to State:</b>                     |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Lead, Total   | 0.0055        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1473-04**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/26/2020 4:04 AM       |
| <b>Sample Site:</b> Kitchen C-4      | <b>Receipt Date:</b> 3/26/2020 11:39 AM     |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                      |
| <b>Sample Matrix:</b> Drinking Water | <b>Project:</b> Crescent Elementary Kitchen |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                          |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                        |
|                                      | <b>Report to State:</b>                     |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Lead, Total   | 0.0025        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1473-05**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/26/2020 4:05 AM       |
| <b>Sample Site:</b> Kitchen C-5      | <b>Receipt Date:</b> 3/26/2020 11:39 AM     |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                      |
| <b>Sample Matrix:</b> Drinking Water | <b>Project:</b> Crescent Elementary Kitchen |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                          |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                        |
|                                      | <b>Report to State:</b>                     |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Lead, Total   | 0.0025        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C1473-06**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/26/2020 4:06 AM       |
| <b>Sample Site:</b> Kitchen C-6      | <b>Receipt Date:</b> 3/26/2020 11:39 AM     |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                      |
| <b>Sample Matrix:</b> Drinking Water | <b>Project:</b> Crescent Elementary Kitchen |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                          |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                        |
|                                      | <b>Report to State:</b>                     |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Lead, Total   | 0.0017        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

5/20/20 2 day  
**RUSH**  
 Monday  
 S-8194, ULINE, 800-295-5510

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826 5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Chescent Elementary  
 EMAIL: Kevin.ray@canysondistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_

CHEMTECH-FORD  
 LABORATORIES

TURNAROUND REQUIRED: \* \_\_\_\_\_  
 \* Expedited turnaround subject to additional charge

| Lab Use Only   | CLIENT SAMPLE INFORMATION |         |       |        |                         |
|----------------|---------------------------|---------|-------|--------|-------------------------|
|                | LOCATION / IDENTIFICATION | DATE    | TIME  | MATRIX | Field Residual Chlorine |
| DOC1473<br>-01 | 1. Kitchen C-1            | 3-26-20 | 04:02 | Water  |                         |
| -02            | 2. Kitchen C-2            |         | 04:03 |        |                         |
| -03            | 3. Kitchen C-3            |         | 04:03 |        |                         |
| -04            | 4. Kitchen C-4            |         | 04:04 |        |                         |
| -05            | 5. Kitchen C-5            |         | 04:05 |        |                         |
| -06            | 6. Kitchen C-6            |         | 04:06 |        |                         |
|                | 7.                        |         |       |        |                         |
|                | 8.                        |         |       |        |                         |
|                | 9.                        |         |       |        |                         |
|                | 10.                       |         |       |        |                         |

| TESTS REQUESTED |  |  |  |  |  |  |  |  |  |  |  | Bacteria                                  |                                       |                   |              |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|---|---------------------------------------|-------------------|--------------|
| lead            |  |  |  |  |  |  |  |  |  |  |  | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. coli Only |
|                 |  |  |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                 |  |  |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                 |  |  |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                 |  |  |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                 |  |  |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                 |  |  |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                 |  |  |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                 |  |  |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                 |  |  |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

Special Instructions: Rush

ON ICE  NOT ON ICE  Temp (C°): 21.0

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

|                                    |                          |   |                                |
|------------------------------------|--------------------------|---|--------------------------------|
| Relinquished by: (signature) _____ | Date/Time <u>3-26-20</u> | Received by: (signature) <u>J. Klenke</u> | Date/Time <u>3-26-20 11:39</u> |
| Relinquished by: (signature) _____ | Date/Time _____          | Received by: (signature) _____            | Date/Time _____                |
| Relinquished by: (signature) _____ | Date/Time _____          | Received by: (signature) _____            | Date/Time _____                |

CHEMTECH-FORD 801.262.7299 PHONE  
 9632 South 500 West 866.792.0093 FAX  
 Sandy, UT 84070 www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% Interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.







3/25/2020

**Work Order: 20C0928**  
**Project: Crescent Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C0928-01**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 3:25 AM   |
| <b>Sample Site:</b> C-1 Kitchen      | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Crescent Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.343         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.03          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | <b>0.108</b>  | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0928-02**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 3:27 AM   |
| <b>Sample Site:</b> C-2 Room 148     | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Crescent Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.381         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0019        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0928-03**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 3:24 AM   |
| <b>Sample Site:</b> C-3 Room 142     | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Crescent Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.471         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0018        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0928-04**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 3:30 AM   |
| <b>Sample Site:</b> C-4 Room 131     | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Crescent Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.433         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0928-05**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 3:32 AM   |
| <b>Sample Site:</b> C-5 Room 180     | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Crescent Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.449         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0928-06**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 3:33 AM   |
| <b>Sample Site:</b> C-6 Room 116     | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Crescent Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.918         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |





## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9301 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Crescent Elementary  
 EMAIL: kevin.ray@canysnsd.net

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED:\*

\* Expedited turnaround subject to additional charge

200928

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |      |        |                         |
|--------------|---------------------------|---------|------|--------|-------------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME | MATRIX | Field Residual Chlorine |
| 01           | 1. C-1 Kitchen            | 3-11-20 | 3:25 | Water  |                         |
| 02           | 2. C-2 Room 148           |         | 3:27 |        |                         |
| 03           | 3. C-3 Room 142           |         | 3:29 |        |                         |
| 04           | 4. C-4 Room 131           |         | 3:30 |        |                         |
| 05           | 5. C-5 Room 180           |         | 3:32 |        |                         |
| 06           | 6. C-6 Room 116           |         | 3:33 |        |                         |
|              | 7.                        |         |      |        |                         |
|              | 8.                        |         |      |        |                         |
|              | 9.                        |         |      |        |                         |
|              | 10.                       |         |      |        |                         |

| TESTS REQUESTED |      |      |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |
|-----------------|------|------|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|
| Copper          | Iron | Lead |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. coli Only |
|                 |      |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C°): 22.8

Special instructions: \_\_\_\_\_  
 Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

Relinquished by: (signature) \_\_\_\_\_ Date/Time: 3-17-20 Received by: (signature) \_\_\_\_\_ Date/Time: 3/17/20 1245

Relinquished by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

Relinquished by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_ Received by: (signature) \_\_\_\_\_ Date/Time: \_\_\_\_\_

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070

801.262.7299 PHONE  
866.792.0093 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





4/13/2020

**Work Order: 20D0060**  
**Project: CTEC**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20D0060-01**

|   |  |
|---|--|
| <b>Name:</b> Canyons School District    | <b>Sample Date:</b> 3/18/2020 3:40 AM  |
| <b>Sample Site:</b> Faculty Room CTEC 1 | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                        | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water             | <b>Project:</b> CTEC                   |
| <b>PO Number:</b> 0402000013            | <b>System No.:</b>                     |
| <b>Source Code:</b>                     | <b>Sample Point:</b>                   |
|   | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.144         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | 0.0032        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0060-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:42 AM  |
| <b>Sample Site:</b> Room 104 CTEC 2  | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> CTEC                   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.936         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0060-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:43 AM  |
| <b>Sample Site:</b> Room 103 CTEC 3  | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> CTEC                   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 1.69          | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | 0.0015        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0060-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:45 AM  |
| <b>Sample Site:</b> Room 115 CTEC 4  | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> CTEC                   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.855         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | 0.02          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |





# Certificate of Analysis

**Lab Sample No.: 20D0060-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:50 AM  |
| <b>Sample Site:</b> Room 213 CTEC 5  | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> CTEC                   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.658         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0060-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:52 AM  |
| <b>Sample Site:</b> Room 201 CTEC 6  | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> CTEC                   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.320         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0060-07**

|  |  |
|--|--|
| <b>Name:</b> Canyons School District     | <b>Sample Date:</b> 3/18/2020 3:54 AM  |
| <b>Sample Site:</b> Boys RR North CTEC 7 | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                         | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water              | <b>Project:</b> CTEC                   |
| <b>PO Number:</b> 0402000013             | <b>System No.:</b>                     |
| <b>Source Code:</b>                      | <b>Sample Point:</b>                   |
|  | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.455         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | 0.0009        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0060-08**

|  |  |
|--|--|
| <b>Name:</b> Canyons School District     | <b>Sample Date:</b> 3/18/2020 3:56 AM  |
| <b>Sample Site:</b> Boys RR South CTEC 8 | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                         | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water              | <b>Project:</b> CTEC                   |
| <b>PO Number:</b> 0402000013             | <b>System No.:</b>                     |
| <b>Source Code:</b>                      | <b>Sample Point:</b>                   |
|  | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.375         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | 0.0015        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Cayugas School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 901-926-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Bay PROJECT: CTEC  
 EMAIL: Kevin.bay@cayugasdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



TURNAROUND REQUIRED:\*

\* Expedited turnaround subject to additional charge

20D0060

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |       |        |                          |
|--------------|---------------------------|---------|-------|--------|--------------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME  | MATRIX | Field: Residual Chlorine |
| -01          | 1. Faculty Room CTEC-1    | 3-18-20 | 03:40 | Water  |                          |
| -02          | 2. Room 104 CTEC-2        |         | 03:42 |        |                          |
| -03          | 3. Room 103 CTEC-3        |         | 03:43 |        |                          |
| -04          | 4. Room 115 CTEC-4        |         | 03:45 |        |                          |
| -05          | 5. Room 213 CTEC-5        |         | 03:50 |        |                          |
| -06          | 6. Room 201 CTEC-6        |         | 03:52 |        |                          |
| -07          | 7. Boys RR North CTEC-7   |         | 03:54 |        |                          |
| -08          | 8. Boys RR South CTEC-8   |         | 03:56 |        |                          |
|              | 9.                        |         |       |        |                          |
|              | 10.                       |         |       |        |                          |

| TESTS REQUESTED |  |  |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |
|-----------------|--|--|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|
| Copper          |  |  |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | NPC (Plate Count) | E. coli Only |
| Iron            |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
| Lead            |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

Special Instructions: \_\_\_\_\_

Relinquished by: (signature) \_\_\_\_\_ Date/Time 3-30-20 Received by: (signature) Annette Mills Date/Time 4-1-20 12:46

Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_ Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_ Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C): 22.9

Samples received outside the EPA recommended temperature range of 0-6 C\* may be rejected.

CHEMTECH-FORD 801.262.7299 PHONE  
 9632 South 500 West 866.792.0093 FAX  
 Sandy, UT 84070 www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.

1031

EV



4/3/2020

**Work Order: 20C1506**  
**Project: Draper Peak Middle**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C1506-01**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/16/2020 4:53 AM   |
| <b>Sample Site:</b> Kitchen DP-1     | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Draper Peak Middle      |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.715         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | 0.0010        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |





# Certificate of Analysis

**Lab Sample No.: 20C1506-02**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/16/2020 4:54 AM   |
| <b>Sample Site:</b> Room 1510 DP-2   | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Draper Peak Middle      |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.402         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C1506-03**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/16/2020 4:56 AM   |
| <b>Sample Site:</b> Room 1701 DP-3   | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Draper Peak Middle      |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.421         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C1506-04**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/16/2020 4:57 AM   |
| <b>Sample Site:</b> Room 1715 DP-4   | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Draper Peak Middle      |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.761         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1506-05**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/16/2020 5:00 AM   |
| <b>Sample Site:</b> Room 1420 DP-5   | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Draper Peak Middle      |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.696         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1506-06**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/16/2020 5:02 AM   |
| <b>Sample Site:</b> Room 1401 DP-6   | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Draper Peak Middle      |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.451         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C1506-07**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/16/2020 5:03 AM   |
| <b>Sample Site:</b> Room 1313 DP-7   | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Draper Peak Middle      |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.745         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1506-08**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/16/2020 5:05 AM   |
| <b>Sample Site:</b> Room 1304 DP-8   | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Draper Peak Middle      |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.630         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/01/2020            | 04/01/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.



CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-920-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Drapen Park Middle  
 EMAIL: kevin@ray@canyonsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \_\_\_\_\_

\* Expedited turnaround subject to additional charge

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |       |        |                       |
|--------------|---------------------------|---------|-------|--------|-----------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME  | MATRIX | Field Residual Charge |
| 2001500      | 1. Kitchen DP-1           | 3-16-20 | 04:53 | Water  |                       |
| -02          | 2. Room 1510 DP-2         |         | 04:54 |        |                       |
| -03          | 3. Room 1701 DP-3         |         | 04:56 |        |                       |
| -04          | 4. Room 1715 DP-4         |         | 04:57 |        |                       |
| -05          | 5. Room 1420 DP-5         |         | 05:00 |        |                       |
| -06          | 6. Room 1401 DP-6         |         | 05:02 |        |                       |
| -07          | 7. Room 1313 DP-7         |         | 05:03 |        |                       |
| -08          | 8. Room 1309 DP-8         |         | 05:05 |        |                       |
|              | 9.                        |         |       |        |                       |
|              | 10.                       |         |       |        |                       |

| TESTS REQUESTED |      |      |  |  |  |  |  |  |  | Bacteria                                  |                                       |                   |              |
|-----------------|------|------|--|--|--|--|--|--|--|---|---------------------------------------|-------------------|--------------|
| Copper          | Tris | Lead |  |  |  |  |  |  |  | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | SPC (plate Count) | E. coli Only |
|                 |      |      |  |  |  |  |  |  |  |   |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C): 21.0

Samples received outside the EPA recommended temperature range of 0-6°C may be rejected.

|   |                          |   |                                |
|---|--------------------------|---|--------------------------------|
| Relinquished by: (signature) <u>[Signature]</u> | Date/Time <u>3-16-20</u> | Received by: (signature) <u>[Signature]</u> | Date/Time <u>3/16/20 11:39</u> |
| Relinquished by: (signature)                    | Date/Time                | Received by: (signature)                    | Date/Time                      |
| Relinquished by: (signature)                    | Date/Time                | Received by: (signature)                    | Date/Time                      |

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070  
801.262.7299 PHONE  
866.792.0093 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





3/25/2020

**Work Order: 20C0880**  
**Project: Draper Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



## Certificate of Analysis

**Lab Sample No.: 20C0880-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 3:30 AM  |
| <b>Sample Site:</b> D-1 Kitchen      | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Draper Elementary      |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0943        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0880-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 3:33 AM  |
| <b>Sample Site:</b> D-2 Room 1       | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Draper Elementary      |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.201         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0005        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0880-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 3:34 AM  |
| <b>Sample Site:</b> D-3 Room 305     | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Draper Elementary      |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.237         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0880-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 3:36 AM  |
| <b>Sample Site:</b> D-4 Room 205     | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Draper Elementary      |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.196         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0880-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 3:39 AM  |
| <b>Sample Site:</b> D-5 Room 105     | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Draper Elementary      |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.219         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |





# Certificate of Analysis

**Lab Sample No.: 20C0880-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 3:40 AM  |
| <b>Sample Site:</b> D-6 Room 102     | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Draper Elementary      |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.201         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.







3/24/2020

**Work Order: 20C0977**  
**Project: East Midvale Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C0977-01**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 3:33 AM   |
| <b>Sample Site:</b> EM-1 Kitchen     | <b>Receipt Date:</b> 3/17/2020 3:14 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> East Midvale Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.554         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0011        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0977-02**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 3:34 AM   |
| <b>Sample Site:</b> EM-2 Room A-106  | <b>Receipt Date:</b> 3/17/2020 3:14 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> East Midvale Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.415         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.05          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0977-03**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 3:36 AM   |
| <b>Sample Site:</b> EM-3 Room B-101  | <b>Receipt Date:</b> 3/17/2020 3:14 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> East Midvale Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.402         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |





## Certificate of Analysis

**Lab Sample No.: 20C0977-04**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 3:38 AM   |
| <b>Sample Site:</b> EM-4 Room B-106  | <b>Receipt Date:</b> 3/17/2020 3:14 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> East Midvale Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.522         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.05          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0977-05**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 3:40 AM   |
| <b>Sample Site:</b> EM-5 Room G-107  | <b>Receipt Date:</b> 3/17/2020 3:14 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> East Midvale Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.374         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.07          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0977-06**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 3:42 AM   |
| <b>Sample Site:</b> EM-6 Room C-105  | <b>Receipt Date:</b> 3/17/2020 3:14 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> East Midvale Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.253         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.







3/24/2020

**Work Order: 20C0979**  
**Project: East Sandy Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C0979-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 4:55 AM  |
| <b>Sample Site:</b> ES-1 Kitchen     | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> East Sandy Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.220         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.37          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0028        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |





# Certificate of Analysis

**Lab Sample No.: 20C0979-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 4:57 AM  |
| <b>Sample Site:</b> ES-2 Room 136    | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> East Sandy Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0280        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0979-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 4:59 AM  |
| <b>Sample Site:</b> ES-3 Room 128    | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> East Sandy Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.732         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0979-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 5:00 AM  |
| <b>Sample Site:</b> ES-4 Room 106    | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> East Sandy Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.456         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0979-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 5:02 AM  |
| <b>Sample Site:</b> ES-5 Room 200    | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> East Sandy Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.595         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0979-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 5:04 AM  |
| <b>Sample Site:</b> ES-6 Room 121    | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> East Sandy Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.626         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-926-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: East Sandy Elementary  
 EMAIL: kevin.ray@canysondistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \* \_\_\_\_\_

\* Expedited turnaround subject to additional charge

*\* Per Sample bottles  
LCR*

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |       |        |                          |  |
|--------------|---------------------------|---------|-------|--------|--------------------------|--|
|              | LOCATION / IDENTIFICATION | DATE    | TIME  | MATRIX | Field: Residual Chlorine |  |
| 7060979      |                           |         |       |        |                          |  |
| 01           | 1. ES-1 K. tch 24         | 3-12-20 | *4:55 | Water  |                          |  |
| 02           | 2. ES-2 Room 136          |         | 4:57  |        |                          |  |
| 03           | 3. ES-3 Room 128          |         | 4:59  |        |                          |  |
| 04           | 4. ES-4 Room 106          |         | 5:00  |        |                          |  |
| 05           | 5. ES-5 Room 200          |         | 5:07  |        |                          |  |
| 06           | 6. ES-6 Room 121          |         | 5:04  |        |                          |  |
|              | 7.                        |         |       |        |                          |  |
|              | 8.                        |         |       |        |                          |  |
|              | 9.                        |         |       |        |                          |  |
|              | 10.                       |         |       |        |                          |  |

| TESTS REQUESTED |      |      |  |  |  |  |  |  |  | Bacteria                                  |                                       |                   |              |
|-----------------|------|------|--|--|--|--|--|--|--|---|---------------------------------------|-------------------|--------------|
| Copper          | Iron | Lead |  |  |  |  |  |  |  | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. Coli Only |
|                 |      |      |  |  |  |  |  |  |  |   |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C): 22.9

Samples received outside the EPA recommended temperature range of 0-6°C may be rejected.

|                                    |                                |   |                                |
|------------------------------------|--------------------------------|---|--------------------------------|
| Relinquished by: (signature) _____ | Date/Time <u>3-17-20 14:15</u> | Received by: (signature) <u>Justin Kember</u> | Date/Time <u>3-17-20 14:15</u> |
| Relinquished by: (signature) _____ | Date/Time _____                | Received by: (signature) _____                | Date/Time _____                |
| Relinquished by: (signature) _____ | Date/Time _____                | Received by: (signature) _____                | Date/Time _____                |

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070

801.262.7299 PHONE  
866.792.0093 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.







4/3/2020

**Work Order: 20C1501  
Project: Eastmont Middle**

**Canyons School District  
Attn: Kevin Ray  
9361 South 300 East  
Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C1501-01**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/16/2020 3:06 AM   |
| <b>Sample Site:</b> Room 214 E-2     | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Eastmont Middle         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0258        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | 0.12          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | 0.0008        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1501-02**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/16/2020 3:08 AM   |
| <b>Sample Site:</b> Room 2206 E-3    | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Eastmont Middle         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.101         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | 0.09          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C1501-03**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/16/2020 3:10 AM   |
| <b>Sample Site:</b> Room 202 E-4     | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Eastmont Middle         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.152         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1501-04**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/16/2020 3:11 AM   |
| <b>Sample Site:</b> Room 222 E-5     | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Eastmont Middle         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0617        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | 0.02          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1501-05**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/16/2020 3:15 AM   |
| <b>Sample Site:</b> Room 127 E-6     | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Eastmont Middle         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.608         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | <b>1.60</b>   | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | 0.0022        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1501-06**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/16/2020 3:17 AM   |
| <b>Sample Site:</b> Room 110 E-7     | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Eastmont Middle         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.135         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | 0.09          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | 0.0006        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C1501-07**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/16/2020 3:19 AM   |
| <b>Sample Site:</b> Room 324 E-8     | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Eastmont Middle         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.389         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | 0.42          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |





## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84020  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Eastmont Middle  
 EMAIL: Kevin.ray@canyonsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \* \_\_\_\_\_

\* Expedited turnaround subject to additional charge

| Lab Use Only  | CLIENT SAMPLE INFORMATION  |         |       |        |                         |
|---------------|----------------------------|---------|-------|--------|-------------------------|
|               | LOCATION / IDENTIFICATION  | DATE    | TIME  | MATRIX | Field Residual Chlorine |
| <b>ACCISO</b> | <del>1. Room 214 E-2</del> | 3-16-20 |       | Water  |                         |
| D1            | 2. Room 214 E-2            |         | 03:06 |        |                         |
| D2            | 3. Room 2206 E-3           |         | 03:08 |        |                         |
| D3            | 4. Room 202 E-4            |         | 03:10 |        |                         |
| D4            | 5. Room 222 E-5            |         | 03:11 |        |                         |
| D5            | 6. Room 127 E-6            |         | 03:15 |        |                         |
| -D6           | 7. Room 110 E-7            |         | 03:17 |        |                         |
| D7            | 8. Room 324 E-8            |         | 03:19 |        |                         |
|               | 9.                         |         |       |        |                         |
|               | 10.                        |         |       |        |                         |

| TESTS REQUESTED |  |  |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |
|-----------------|--|--|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|
| Copper          |  |  |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | MPN (Plate Count) | E. coli Only |
| Iron            |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
| Lead            |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

Special Instructions: \_\_\_\_\_

Relinquished by: (signature) \_\_\_\_\_ Date/Time 3-26-20

Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

Received by: (signature) Charmette Mills Date/Time 3/26/20 11:39

Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C): 81.0

Samples received outside the EPA recommended temperature range of 0-5 C° may be rejected.

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070

801.261.7299 PHONE  
866.792.8093 FAX  
www.chemtechford.com

Payment Terms are net 30 days DAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





3/25/2020

**Work Order: 20C0936**  
**Project: Edgemont Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



## Certificate of Analysis

**Lab Sample No.: 20C0936-01**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 4:34 AM   |
| <b>Sample Site:</b> E-1              | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Edgemont Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.170         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0011        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0936-02**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 4:36 AM   |
| <b>Sample Site:</b> E-2              | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Edgemont Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.703         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0936-03**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 4:35 AM   |
| <b>Sample Site:</b> E-3              | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Edgemont Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.237         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0936-04**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 4:41 AM   |
| <b>Sample Site:</b> E-4              | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Edgemont Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.415         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |





# Certificate of Analysis

**Lab Sample No.: 20C0936-05**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 4:44 AM   |
| <b>Sample Site:</b> E-5              | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Edgemont Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.226         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.03          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0936-06**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/11/2020 4:49 AM   |
| <b>Sample Site:</b> E-6              | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Edgemont Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.139         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Edgemont Elementary  
 EMAIL: Kevin.Ray@canysondistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \* \_\_\_\_\_

\* Expedited turnaround subject to additional charge

20C0936

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |      |        |                         |
|--------------|---------------------------|---------|------|--------|-------------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME | MATRIX | Field Residual Chlorine |
| 01           | 1. E-1                    | 3-11-20 | 4:34 | Water  |                         |
| 02           | 2. E-2                    |         | 4:36 |        |                         |
| 03           | 3. E-3                    |         | 4:35 |        |                         |
| 04           | 4. E-4                    |         | 4:41 |        |                         |
| 05           | 5. E-5                    |         | 4:44 |        |                         |
| 06           | 6. E-6                    |         | 4:49 |        |                         |
|              | 7.                        |         |      |        |                         |
|              | 8.                        |         |      |        |                         |
|              | 9.                        |         |      |        |                         |
|              | 10.                       |         |      |        |                         |

| TESTS REQUESTED |      |      |  |  |  |  |  |  |  | Bacteria                                  |                                       |                   |              |
|-----------------|------|------|--|--|--|--|--|--|--|---|---------------------------------------|-------------------|--------------|
| Copper          | Iron | Lead |  |  |  |  |  |  |  | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. coli Only |
|                 |      |      |  |  |  |  |  |  |  |   |                                       |                   |              |

Sampled by: [print] \_\_\_\_\_ Sampled by: [signature] \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C°): 22.8

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

|                                    |                          |                                |                               |
|------------------------------------|--------------------------|--------------------------------|-------------------------------|
| Relinquished by: [signature] _____ | Date/Time <u>3-17-20</u> | Received by: [signature] _____ | Date/Time <u>3/17/20 1245</u> |
| Relinquished by: [signature] _____ | Date/Time _____          | Received by: [signature] _____ | Date/Time _____               |
| Relinquished by: [signature] _____ | Date/Time _____          | Received by: [signature] _____ | Date/Time _____               |

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070

801.262.7299 PHONE  
866.792.0093 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





3/16/2020

**Work Order: 20C0444**  
**Project: Granite Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C0444-01**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/6/2020 4:31 AM  |
| <b>Sample Site:</b> G-1 Kitchen      | <b>Receipt Date:</b> 3/6/2020 1:50 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Granite Elementary    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.361         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | 0.22          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0027        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0444-02**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/6/2020 4:34 AM  |
| <b>Sample Site:</b> G-2 Room 121     | <b>Receipt Date:</b> 3/6/2020 1:50 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Granite Elementary    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.149         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |





# Certificate of Analysis

**Lab Sample No.: 20C0444-03**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/6/2020 4:36 AM  |
| <b>Sample Site:</b> G-3 Room 136     | <b>Receipt Date:</b> 3/6/2020 1:50 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Granite Elementary    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.683         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0005        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0444-04**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/6/2020 4:36 AM  |
| <b>Sample Site:</b> G-4 Room 107     | <b>Receipt Date:</b> 3/6/2020 1:50 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Granite Elementary    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.805         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0444-05**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/6/2020 4:39 AM  |
| <b>Sample Site:</b> G-5 Room 111     | <b>Receipt Date:</b> 3/6/2020 1:50 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Granite Elementary    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.922         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0005        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0444-06**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/6/2020 4:42 AM  |
| <b>Sample Site:</b> G-6 Room 118     | <b>Receipt Date:</b> 3/6/2020 1:50 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Granite Elementary    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.329         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/10/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Granite Elem.  
 EMAIL: ken.ray@canyonsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED:\*

\* Expedited turnaround subject to additional charge

| Lab Use Only | CLIENT SAMPLE INFORMATION |        |      |        |                          |
|--------------|---------------------------|--------|------|--------|--------------------------|
|              | LOCATION / IDENTIFICATION | DATE   | TIME | MATRIX | Field: Residual Chlorine |
| 200CD411     | 1. G-1 Kitley             | 3-6-20 | 4:31 | Water  |                          |
|              | 2. G-2 Rock 121           |        | 4:34 |        |                          |
|              | 3. G-3 Room 136           |        | 4:36 |        |                          |
|              | 4. G-4 Room 107           |        | 4:36 |        |                          |
|              | 5. G-5 Room 111           |        | 4:39 |        |                          |
|              | 6. G-6 Rock 118           |        | 4:42 |        |                          |
|              | 7.                        |        |      |        |                          |
|              | 8.                        |        |      |        |                          |
|              | 9.                        |        |      |        |                          |
|              | 10.                       |        |      |        |                          |

| TESTS REQUESTED        |  |  |  |  |  |  |  |  |  | Bacteria                                  |                                       |                   |              |
|------------------------|--|--|--|--|--|--|--|--|--|---|---------------------------------------|-------------------|--------------|
| Copper<br>Iron<br>Lead |  |  |  |  |  |  |  |  |  | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | APC (Plate Count) | E. Coli Only |
|                        |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C): 21.9

Samples received outside the EPA recommended temperature range of 0-6 C may be rejected.

Relinquished by: (signature) [Signature] Date/Time 3-6-20 13:50

Received by: (signature) [Signature] Date/Time 3/6/20 13:50

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070  
801.261.7289 PHONE  
866.792.0095 FAX  
www.chemtechford.com

Payment Terms are net 30 days DAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





4/13/2020

**Work Order: 20D0052**  
**Project: Hillcrest High**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director





# Certificate of Analysis

**Lab Sample No.: 20D0052-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/23/2020 1:10 AM  |
| <b>Sample Site:</b> Kitchen Sink H-1 | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Hillcrest High         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.163         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | 0.03          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/03/2020         |      |
| Lead, Total   | 0.0073        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0052-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/23/2020 1:12 AM  |
| <b>Sample Site:</b> Room C103 H-2    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Hillcrest High         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.179         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | 0.03          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/06/2020         |      |
| Lead, Total   | 0.0021        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0052-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/23/2020 1:14 AM  |
| <b>Sample Site:</b> Room C126 H-3    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Hillcrest High         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0118        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0052-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/23/2020 1:17 AM  |
| <b>Sample Site:</b> Room A112 H-4    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Hillcrest High         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.372         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/06/2020         |      |
| Lead, Total   | 0.0011        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0052-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/23/2020 1:19 AM  |
| <b>Sample Site:</b> Room A102 H-5    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Hillcrest High         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 1.11          | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0052-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/23/2020 1:23 AM  |
| <b>Sample Site:</b> Room M104 H-6    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Hillcrest High         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.500         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/06/2020         |      |
| Lead, Total   | 0.0018        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0052-07**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/23/2020 1:28 AM  |
| <b>Sample Site:</b> Room AT103 H-7   | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Hillcrest High         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.540         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/06/2020         |      |
| Lead, Total   | 0.0019        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0052-08**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/23/2020 1:32 AM  |
| <b>Sample Site:</b> Room A201 H-8    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Hillcrest High         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.248         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/06/2020         |      |
| Lead, Total   | 0.0006        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |





## Certificate of Analysis

**Lab Sample No.: 20D0052-09**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/23/2020 1:35 AM  |
| <b>Sample Site:</b> Room A216 H-9    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Hillcrest High         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.357         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/06/2020         |      |
| Lead, Total   | 0.0010        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0052-10**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/23/2020 1:37 AM  |
| <b>Sample Site:</b> Room D226 H-10   | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Hillcrest High         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.404         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/06/2020         |      |
| Lead, Total   | 0.0017        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Hillcrest High  
 EMAIL: kevin.ray@canyonsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \* \_\_\_\_\_

\* Expedited turnaround subject to additional charge

ZOD0052  
\* per container. Am

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |       |        |                          |
|--------------|---------------------------|---------|-------|--------|--------------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME  | MATRIX | Field: Residual Chlorine |
| -01          | 1. Kitchen Sink H-1       | 3-23-20 | 01:10 | Water  |                          |
| -02          | 2. Room C103 H-2          | }       | 01:12 |        |                          |
| -03          | 3. Room C126 H-3          |         | 01:14 |        |                          |
| -04          | 4. Room A112 H-4          |         | 01:17 |        |                          |
| -05          | 5. Room A102 H-5          |         | 01:19 |        |                          |
| -06          | 6. Room M104 H-6          |         | 01:23 |        |                          |
| -07          | 7. Room AT 103 H-7        |         | 01:28 |        |                          |
| -08          | 8. Room A 201 H-8         |         | 01:32 |        |                          |
| -09          | 9. Room A 216 H-9         |         | 01:35 |        |                          |
| -10          | 10. Room D 226 H-10       |         | 01:37 |        |                          |

| TESTS REQUESTED |      |      |  |  |  |  |  |  |  | Bacteria                                  |                                       |                   |              |
|-----------------|------|------|--|--|--|--|--|--|--|---|---------------------------------------|-------------------|--------------|
| Copper          | Iron | Lead |  |  |  |  |  |  |  | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. coli Only |
|                 |      |      |  |  |  |  |  |  |  |   |                                       |                   |              |

Sampled by: [print] \_\_\_\_\_ Sampled by: [signature] \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C): 22.9

Samples received outside the EPA recommended temperature range of 0-6 C\* may be rejected.

|                                    |                          |  |                               |
|------------------------------------|--------------------------|--|-------------------------------|
| Relinquished by: [signature] _____ | Date/Time <u>3-31-20</u> | Received by: [signature] <u>Shanetta Mills</u> | Date/Time <u>4-1-20 12:40</u> |
| Relinquished by: [signature] _____ | Date/Time _____          | Received by: [signature] _____                 | Date/Time _____               |
| Relinquished by: [signature] _____ | Date/Time _____          | Received by: [signature] _____                 | Date/Time _____               |

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070

801.262.7299 PHONE  
866.792.8093 FAX  
www.chemtechford.com

Payment Terms are net 30 days DAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.

42



4/3/2020

**Work Order: 20C1493**  
**Project: Indian Hills**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C1493-01**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 3:07 AM   |
| <b>Sample Site:</b> Kitchen IH-1     | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Indian Hills            |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.965         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | 0.02          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | 0.0008        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1493-02**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 3:11 AM   |
| <b>Sample Site:</b> Room 504 IH-2    | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Indian Hills            |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.943         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C1493-03**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 3:15 AM   |
| <b>Sample Site:</b> Room 207 IH-3    | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Indian Hills            |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 1.46          | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |





## Certificate of Analysis

**Lab Sample No.: 20C1493-04**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 3:16 AM   |
| <b>Sample Site:</b> Room 302 IH-4    | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Indian Hills            |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 1.35          | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1493-05**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 3:18 AM   |
| <b>Sample Site:</b> Room 208 IH-5    | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Indian Hills            |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.905         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1493-06**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 3:20 AM   |
| <b>Sample Site:</b> Room 401 IH-6    | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Indian Hills            |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.768         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C1493-07**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 3:23 AM   |
| <b>Sample Site:</b> Room 704 IH-7    | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Indian Hills            |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 1.46          | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1493-08**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 3:29 AM   |
| <b>Sample Site:</b> Room 216 IH-8    | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Indian Hills            |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 1.09          | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | 0.0007        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyon School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: \_\_\_\_\_  
 EMAIL: Kevin.Ray@CanyonSchoolDistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED:\*

\* Expedited turnaround subject to additional charge

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |       |        |                         |
|--------------|---------------------------|---------|-------|--------|-------------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME  | MATRIX | Field Residual Chlorine |
| 2001493      | 1. Kitchen IH-1           | 3-17-20 | 03:07 | Water  |                         |
| 02           | 2. Room 504 IH-2          |         | 03:11 |        |                         |
| 03           | 3. Room 207 IH-3          |         | 03:15 |        |                         |
| 04           | 4. Room 302 IH-4          |         | 03:16 |        |                         |
| 05           | 5. Room 208 IH-5          |         | 03:18 |        |                         |
| 06           | 6. Room 401 IH-6          |         | 03:20 |        |                         |
| 07           | 7. Room 704 IH-7          |         | 03:23 |        |                         |
| 08           | 8. Room 216 I-H-8         |         | 03:29 |        |                         |
|              | 9.                        |         |       |        |                         |
|              | 10.                       |         |       |        |                         |

| TESTS REQUESTED |      |      |  |  |  |  |  |  |  | Bacteria                                  |                                       |                   |              |
|-----------------|------|------|--|--|--|--|--|--|--|---|---------------------------------------|-------------------|--------------|
| Copper          | Iron | Lead |  |  |  |  |  |  |  | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | MFC (Plate Count) | E. Coli Only |
|                 |      |      |  |  |  |  |  |  |  |   |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C): 21.0

Samples received outside the EPA recommended temperature range of 0-6°C may be rejected.

Relinquished by: (signature) [Signature] Date/Time 3-26-20  
 Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

Received by: (signature) Annette Mills Date/Time 3/26/20 11:39  
 Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070  
801.262.7299 PHONE  
866.792.0093 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.







5/17/2018

**Work Order: 18E0553**  
**Project: Jordan High**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 18E0553-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 5/10/2018 5:58 AM  |
| <b>Sample Site:</b> Kitchen Prep J-1 | <b>Receipt Date:</b> 5/10/2018 8:35 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Drinking Water | <b>Project:</b> Jordan High            |
| <b>PO Number:</b>                    | <b>System No.:</b> UTAH18000           |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.271         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 05/10/2018            | 05/10/2018         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 05/14/2018            | 05/14/2018         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 05/10/2018            | 05/10/2018         |      |



## Certificate of Analysis

**Lab Sample No.: 18E0553-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 5/10/2018 6:03 AM  |
| <b>Sample Site:</b> Gym J-2          | <b>Receipt Date:</b> 5/10/2018 8:35 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Drinking Water | <b>Project:</b> Jordan High            |
| <b>PO Number:</b>                    | <b>System No.:</b> UTAH18000           |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.713         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 05/10/2018            | 05/10/2018         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 05/14/2018            | 05/14/2018         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 05/10/2018            | 05/10/2018         |      |



## Certificate of Analysis

**Lab Sample No.: 18E0553-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 5/10/2018 6:05 AM  |
| <b>Sample Site:</b> Auditorium J-3   | <b>Receipt Date:</b> 5/10/2018 8:35 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Drinking Water | <b>Project:</b> Jordan High            |
| <b>PO Number:</b>                    | <b>System No.:</b> UTAH18000           |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.471         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 05/10/2018            | 05/10/2018         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 05/14/2018            | 05/14/2018         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 05/10/2018            | 05/10/2018         |      |



## Certificate of Analysis

**Lab Sample No.: 18E0553-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 5/10/2018 6:07 AM  |
| <b>Sample Site:</b> 1040 J-4         | <b>Receipt Date:</b> 5/10/2018 8:35 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Drinking Water | <b>Project:</b> Jordan High            |
| <b>PO Number:</b>                    | <b>System No.:</b> UTAH18000           |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.330         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 05/10/2018            | 05/10/2018         |      |
| Iron, Total   | 0.04          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 05/14/2018            | 05/14/2018         |      |
| Lead, Total   | 0.0006        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 05/10/2018            | 05/10/2018         |      |



## Certificate of Analysis

**Lab Sample No.: 18E0553-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 5/10/2018 6:10 AM  |
| <b>Sample Site:</b> 1550 J-5         | <b>Receipt Date:</b> 5/10/2018 8:35 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Drinking Water | <b>Project:</b> Jordan High            |
| <b>PO Number:</b>                    | <b>System No.:</b> UTAH18000           |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.367         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 05/10/2018            | 05/10/2018         |      |
| Iron, Total   | 0.05          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 05/14/2018            | 05/14/2018         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 05/10/2018            | 05/10/2018         |      |



## Certificate of Analysis

**Lab Sample No.: 18E0553-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 5/10/2018 6:12 AM  |
| <b>Sample Site:</b> 1542 J-6         | <b>Receipt Date:</b> 5/10/2018 8:35 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Drinking Water | <b>Project:</b> Jordan High            |
| <b>PO Number:</b>                    | <b>System No.:</b> UTAH18000           |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.543         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 05/10/2018            | 05/10/2018         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 05/14/2018            | 05/14/2018         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 05/10/2018            | 05/10/2018         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.



**CHEMTECH - FORD ANALYTICAL LABORATORY**

**CHAIN OF CUSTODY**

COMPANY: Canyon School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: Kevin Ray PROJECT: Jordan High  
 EMAIL: Kevinray@canyonsd.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



TURNAROUND REQUIRED:\* \_\_\_\_\_

\* Expedited turnaround subject to additional charge

EO 553

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |       |        |                          |
|--------------|---------------------------|---------|-------|--------|--------------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME  | MATRIX | Field: Residual Chlorine |
| 01           | 1. Kitchen Prep J-1       | 5-10-18 | 05:58 | Water  |                          |
| 02           | 2. Gym J-2                |         | 06:03 |        |                          |
| 03           | 3. Auditorium J-3         |         | 06:05 |        |                          |
| 04           | 4. 1040 J-4               |         | 06:07 |        |                          |
| 05           | 5. 1550 J-5               |         | 06:10 |        |                          |
| 06           | 6. 1542 J-6               |         | 06:12 |        |                          |
|              | 7.                        |         |       |        |                          |
|              | 8.                        |         |       |        |                          |
|              | 9.                        |         |       |        |                          |
|              | 10.                       |         |       |        |                          |

| TESTS REQUESTED |      |      |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |
|-----------------|------|------|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|
| Copper          | Iron | Lead |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. coli Only |
|                 |      |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |

Sampled by: [print] \_\_\_\_\_ Sampled by: [signature] \_\_\_\_\_

ON ICE ~~NOT ON ICE~~ Temp (C): 14.8

Special Instructions: \_\_\_\_\_

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

Relinquished by: [signature] \_\_\_\_\_ Date/Time 05-10-18 08:35

Received by: [signature] \_\_\_\_\_ Date/Time 9/10/18 8:35

Relinquished by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_

Received by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_

Relinquished by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_

Received by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_

CHEMTECH-FORD  
 9632 South 500 West  
 Sandy, UT 84070  
 801.262.7299 PHONE  
 866.792.0093 FAX  
 www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





4/13/2020

**Work Order: 20D0062**  
**Project: Jordan Valley**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20D0062-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 4:28 AM  |
| <b>Sample Site:</b> Kitchen JV-1     | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Jordan Valley          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.203         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | 0.09          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | 0.0079        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0062-02**

|   |  |
|---|--|
| <b>Name:</b> Canyons School District      | <b>Sample Date:</b> 3/18/2020 4:29 AM  |
| <b>Sample Site:</b> Custodial Office JV-2 | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                          | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water               | <b>Project:</b> Jordan Valley          |
| <b>PO Number:</b> 0402000013              | <b>System No.:</b>                     |
| <b>Source Code:</b>                       | <b>Sample Point:</b>                   |
|   | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0157        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0062-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 4:31 AM  |
| <b>Sample Site:</b> Main Office JV-3 | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Jordan Valley          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.400         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0062-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 4:33 AM  |
| <b>Sample Site:</b> Room 110 JV-4    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Jordan Valley          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.326         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0062-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 4:35 AM  |
| <b>Sample Site:</b> Room 116 JV-5    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Jordan Valley          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.681         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |





# Certificate of Analysis

**Lab Sample No.: 20D0062-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 4:38 AM  |
| <b>Sample Site:</b> Nursing JV-6     | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Jordan Valley          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.342         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0062-07**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 4:40 AM  |
| <b>Sample Site:</b> Room 255 JV-7    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Jordan Valley          |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.316         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0062-08**

|   |  |
|---|--|
| <b>Name:</b> Canyons School District    | <b>Sample Date:</b> 3/18/2020 4:41 AM  |
| <b>Sample Site:</b> South Bus Area JV-8 | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                        | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water             | <b>Project:</b> Jordan Valley          |
| <b>PO Number:</b> 0402000013            | <b>System No.:</b>                     |
| <b>Source Code:</b>                     | <b>Sample Point:</b>                   |
|   | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.889         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-926-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Jordan Valley  
 EMAIL: Kevin.Ray@CanyonsDistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



TURNAROUND REQUIRED:\*

\* Expedited turnaround subject to additional charge

20D0062

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |       |        |                         |
|--------------|---------------------------|---------|-------|--------|-------------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME  | MATRIX | Field Residual Chlorine |
| -01          | 1. Kitchen JV-1           | 3-18-20 | 04:28 | Water  |                         |
| -02          | 2. Custodial office JV-2  |         | 04:29 |        |                         |
| -03          | 3. Mail office JV-3       |         | 04:31 |        |                         |
| -04          | 4. Room 170 JV-4          |         | 04:33 |        |                         |
| -05          | 5. Room 116 JV-5          |         | 04:35 |        |                         |
| -06          | 6. Nunsing JV-6           |         | 04:38 |        |                         |
| -07          | 7. Room 255 JV-7          |         | 04:40 |        |                         |
| -08          | 8. South bus area JV-8    |         | 04:41 |        |                         |
|              | 9.                        |         |       |        |                         |
|              | 10.                       |         |       |        |                         |

| TESTS REQUESTED |  |  |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |
|-----------------|--|--|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|
| Copper          |  |  |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. coli Only |
| Fresh           |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
| Lead            |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C): 22.9

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

|   |                          |   |                               |
|---|--------------------------|---|-------------------------------|
| Relinquished by: (signature) <u>[Signature]</u> | Date/Time <u>3-30-20</u> | Received by: (signature) <u>Janette Mills</u> | Date/Time <u>4-1-20 12:40</u> |
| Relinquished by: (signature) _____              | Date/Time _____          | Received by: (signature) _____                | Date/Time _____               |
| Relinquished by: (signature) _____              | Date/Time _____          | Received by: (signature) _____                | Date/Time _____               |

CHEMTECH-FORD  
 9632 South 500 West  
 Sandy, UT 84070

801.262.7299 PHONE  
 866.792.0093 FAX  
 www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.



3/25/2020

**Work Order: 20C0877**  
**Project: Lone Peak Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C0877-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/9/2020 4:55 AM   |
| <b>Sample Site:</b> LP-1 Kitchen     | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Lone Peak Elementary   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0945        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0024        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0877-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/9/2020 4:57 AM   |
| <b>Sample Site:</b> LP-2 Faculty     | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Lone Peak Elementary   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0232        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |





# Certificate of Analysis

**Lab Sample No.: 20C0877-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/9/2020 5:00 AM   |
| <b>Sample Site:</b> LP-3 18          | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Lone Peak Elementary   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.965         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0038        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0877-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/9/2020 5:03 AM   |
| <b>Sample Site:</b> LP-4 16          | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Lone Peak Elementary   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.656         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0017        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0877-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/9/2020 5:05 AM   |
| <b>Sample Site:</b> LP-5 10          | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Lone Peak Elementary   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0840        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0877-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/9/2020 5:07 AM   |
| <b>Sample Site:</b> LR-6 07          | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Lone Peak Elementary   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.256         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0010        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyon School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-626-5143 FAX: \_\_\_\_\_  
 CONTACT: K Ray PROJECT: Like Peak Elementary  
 EMAIL: Kevin.Ray@CanyonSchoolDistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \* \_\_\_\_\_

\* Expedited turnaround subject to additional charge

| Lab Use Only | CLIENT SAMPLE INFORMATION |        |      |        |                         |
|--------------|---------------------------|--------|------|--------|-------------------------|
|              | LOCATION / IDENTIFICATION | DATE   | TIME | MATRIX | Field Residual Chlorine |
| 2000877      |                           |        |      |        |                         |
| 01           | 1. LP-1 K. taken          | 3-9-20 | 4:55 | Water  |                         |
| 02           | 2. LP-2 Faculty           | }      | 4:57 |        |                         |
| 03           | 3. LP-3 18                |        | 5:00 |        |                         |
| 04           | 4. LP-4 16                |        | 5:03 |        |                         |
| 05           | 5. LP-5 10                |        | 5:05 |        |                         |
| 06           | 6. LP-6 07                |        | 5:07 |        |                         |
|              | 7.                        |        |      |        |                         |
|              | 8.                        |        |      |        |                         |
|              | 9.                        |        |      |        |                         |
|              | 10.                       |        |      |        |                         |

| TESTS REQUESTED |        |      |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |  |
|-----------------|--------|------|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|--|
| Lead            | Copper | Iron |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. coli Only |  |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |  |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |  |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |  |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |  |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |  |

Sampled by: [print] \_\_\_\_\_ Sampled by: [signature] \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE NOT ON ICE Temp (C°): 22.1

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

|                                    |                              |                                |                              |
|------------------------------------|------------------------------|--------------------------------|------------------------------|
| Relinquished by: [signature] _____ | Date/Time <u>3-17-20 952</u> | Received by: [signature] _____ | Date/Time <u>3-17-20 952</u> |
| Relinquished by: [signature] _____ | Date/Time _____              | Received by: [signature] _____ | Date/Time _____              |
| Relinquished by: [signature] _____ | Date/Time _____              | Received by: [signature] _____ | Date/Time _____              |

CHEMTECH-FORD  
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Sandy, UT 84070

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866.792.0093 FAX  
www.chemtechford.com

Payment Terms are net 30 days DAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





4/13/2020

**Work Order: 20D0054**  
**Project: Midvale Middle**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director





# Certificate of Analysis

**Lab Sample No.: 20D0054-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:04 AM  |
| <b>Sample Site:</b> Kitchen MM-1     | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Midvale Middle         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.526         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/03/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0054-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:09 AM  |
| <b>Sample Site:</b> Room 1430 MM-2   | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Midvale Middle         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.376         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0054-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:12 AM  |
| <b>Sample Site:</b> Room 1530 MM-3   | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Midvale Middle         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.490         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0054-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:14 AM  |
| <b>Sample Site:</b> Room 1620 MM-4   | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Midvale Middle         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.386         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0054-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:15 AM  |
| <b>Sample Site:</b> Room 17R MM-5    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Midvale Middle         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.651         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0054-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:17 AM  |
| <b>Sample Site:</b> Room 2620 MM-6   | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Midvale Middle         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.377         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0054-07**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:19 AM  |
| <b>Sample Site:</b> Room 2530 MM-7   | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Midvale Middle         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.361         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0054-08**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/18/2020 3:21 AM  |
| <b>Sample Site:</b> Room 2420 MM-8   | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Midvale Middle         |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.334         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |





## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.





3/25/2020

**Work Order: 20C0981**  
**Project: Midvale Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C0981-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 4:28 AM  |
| <b>Sample Site:</b> M-1 Kitchen      | <b>Receipt Date:</b> 3/17/2020 3:14 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Midvale Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.258         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0034        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0981-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 4:30 AM  |
| <b>Sample Site:</b> M-2 Cafeteria    | <b>Receipt Date:</b> 3/17/2020 3:14 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Midvale Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0362        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/24/2020            | 03/24/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0981-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 4:34 AM  |
| <b>Sample Site:</b> M-3 Room 1099    | <b>Receipt Date:</b> 3/17/2020 3:14 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Midvale Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.116         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/24/2020            | 03/24/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0981-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 4:35 AM  |
| <b>Sample Site:</b> M-4 Room 1056    | <b>Receipt Date:</b> 3/17/2020 3:14 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Midvale Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0821        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/24/2020            | 03/24/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0981-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 4:39 AM  |
| <b>Sample Site:</b> M-5 Room 2002    | <b>Receipt Date:</b> 3/17/2020 3:14 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Midvale Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.193         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/24/2020            | 03/24/2020         |      |
| Lead, Total   | 0.0010        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |





## Certificate of Analysis

**Lab Sample No.: 20C0981-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 4:39 AM  |
| <b>Sample Site:</b> M-6 Room 2035    | <b>Receipt Date:</b> 3/17/2020 3:14 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Midvale Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0725        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/24/2020            | 03/24/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84047  
 PHONE #: 801.826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Roy PROJECT: Midvale Elementary  
 EMAIL: Kevin.roy@canysnsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \* \_\_\_\_\_  
 \* Expedited turnaround subject to additional charge

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |       |        |                          |
|--------------|---------------------------|---------|-------|--------|--------------------------|
| 7060981      | LOCATION / IDENTIFICATION | DATE    | TIME  | MATRIX | Field: Residual Chlorine |
| 01           | 1. M-1 Kitchen            | 3-12-20 | *4:28 | Water  |                          |
| 02           | 2. M-2 Cafeteria          |         | 4:30  |        |                          |
| 03           | 3. M-3 Room 1049          |         | 4:34  |        |                          |
| 04           | 4. M-4 Room 1056          |         | 4:35  |        |                          |
| 05           | 5. M-5 Room 2002          |         | 4:39  |        |                          |
| 06           | 6. M-6 Room 2035          |         | 4:39  |        |                          |
|              | 7.                        |         |       |        |                          |
|              | 8.                        |         |       |        |                          |
|              | 9.                        |         |       |        |                          |
|              | 10.                       |         |       |        |                          |

\* per sample bottles CR

| TESTS REQUESTED |        |      |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |
|-----------------|--------|------|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|
| Lead            | Copper | Iron |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. coli Only |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |

Sampled by: [print] \_\_\_\_\_ Sampled by: [signature] \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C°): 22.9

Special Instructions: \_\_\_\_\_

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

Relinquished by: [signature] \_\_\_\_\_ Date/Time: 3-17-20 15:14

Relinquished by: [signature] \_\_\_\_\_ Date/Time: \_\_\_\_\_

Relinquished by: [signature] \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received by: [signature] \_\_\_\_\_ Date/Time: 3-17-20 15:14

Received by: [signature] \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received by: [signature] \_\_\_\_\_ Date/Time: \_\_\_\_\_

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070  
801.262.7299 PHONE  
866.792.0093 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





3/24/2020

**Work Order: 20C0975**  
**Project: Midvalley Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

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Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C0975-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 3:07 AM  |
| <b>Sample Site:</b> MV-1 Kitchen     | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Midvalley Elementary   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.256         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.04          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0018        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0975-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 3:11 AM  |
| <b>Sample Site:</b> MV-2 Main Office | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Midvalley Elementary   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.376         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0975-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 3:12 AM  |
| <b>Sample Site:</b> MV-3 Room 2      | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Midvalley Elementary   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.443         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.02          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |





## Certificate of Analysis

**Lab Sample No.: 20C0975-04**

|   |  |
|---|--|
| <b>Name:</b> Canyons School District      | <b>Sample Date:</b> 3/13/2020 3:15 AM  |
| <b>Sample Site:</b> MV-4 Custodial Office | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                          | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water               | <b>Project:</b> Midvalley Elementary   |
| <b>PO Number:</b> 0402000013              | <b>System No.:</b>                     |
| <b>Source Code:</b>                       | <b>Sample Point:</b>                   |
|   | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.365         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.02          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0975-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 3:18 AM  |
| <b>Sample Site:</b> MV-5 Room 15     | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Midvalley Elementary   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.840         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.04          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0975-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/13/2020 3:20 AM  |
| <b>Sample Site:</b> MV-6 Room 24     | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Midvalley Elementary   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.763         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.10          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0017        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.







4/3/2020

**Work Order: 20C1499**  
**Project: Mt. Jordan Middle**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C1499-01**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 3:47 PM   |
| <b>Sample Site:</b> Kitchen MJ-1     | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Mt. Jordan Middle       |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.278         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | 0.02          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |





## Certificate of Analysis

**Lab Sample No.: 20C1499-02**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 3:48 PM   |
| <b>Sample Site:</b> Room 5103A MJ-2  | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Mt. Jordan Middle       |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.357         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1499-03**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 3:53 PM   |
| <b>Sample Site:</b> Room 2115 MJ-3   | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Mt. Jordan Middle       |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 1.14          | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C1499-04**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 3:55 PM   |
| <b>Sample Site:</b> Room 3115 MJ-4   | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Mt. Jordan Middle       |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.979         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C1499-05**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 3:57 PM   |
| <b>Sample Site:</b> Room 6117 MJ-5   | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Mt. Jordan Middle       |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.805         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C1499-06**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 3:59 PM   |
| <b>Sample Site:</b> Room 4115 MJ-6   | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Mt. Jordan Middle       |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 1.08          | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C1499-07**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 4:01 PM   |
| <b>Sample Site:</b> Room 4201 MJ-7   | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Mt. Jordan Middle       |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 1.24          | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | 0.02          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C1499-08**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 4:03 PM   |
| <b>Sample Site:</b> Room 4215 MJ-8   | <b>Receipt Date:</b> 3/26/2020 11:39 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Mt. Jordan Middle       |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 1.06          | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/31/2020            | 03/31/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/27/2020            | 03/27/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.



CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-836-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Roy PROJECT: Mt. Jordan Middle  
 EMAIL: kevin.roy@canysnsd.k12.ut.us

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED:\*

\* Expedited turnaround subject to additional charge.

\*per containers. AM

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |       |        |                          |
|--------------|---------------------------|---------|-------|--------|--------------------------|
| 2001409      | LOCATION / IDENTIFICATION | DATE    | TIME  | MATRIX | Notes: Residual Chlorine |
| 01           | 1. Kitchen MJ-1           | 3-17-20 | 15:44 | Water  |                          |
| 02           | 2. Room 5103A MJ-2        |         | 15:48 |        |                          |
| 03           | 3. Room 2115 MJ-3         |         | 15:53 |        |                          |
| 04           | 4. Room 3115 MJ-4         |         | 15:55 |        |                          |
| 05           | 5. Room 6117 MJ-5         |         | 15:57 |        |                          |
| 06           | 6. Room 4115 MJ-6         |         | 15:59 |        |                          |
| 07           | 7. Room 4201 MJ-7         |         | 16:01 |        |                          |
| 08           | 8. Room 4215 MJ-8         |         | 16:03 |        |                          |
|              | 9.                        |         |       |        |                          |
|              | 10.                       |         |       |        |                          |

| TESTS REQUESTED |      |      |  |  |  |  |  |  |  | Bacteria                                  |                                       |                   |              |
|-----------------|------|------|--|--|--|--|--|--|--|---|---------------------------------------|-------------------|--------------|
| Copper          | Iron | Lead |  |  |  |  |  |  |  | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. coli Only |
|                 |      |      |  |  |  |  |  |  |  |   |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C): 26.0

Samples received outside the EPA recommended temperature range of 0-6 C may be rejected.

|                                    |                          |   |                                |
|------------------------------------|--------------------------|---|--------------------------------|
| Relinquished by: (signature) _____ | Date/Time <u>3-26-20</u> | Received by: (signature) <u>Shnette Mills</u> | Date/Time <u>3/26/20 11:39</u> |
| Relinquished by: (signature) _____ | Date/Time _____          | Received by: (signature) _____                | Date/Time _____                |
| Relinquished by: (signature) _____ | Date/Time _____          | Received by: (signature) _____                | Date/Time _____                |

CHEMTECH-FORD  
9692 South 500 West  
Sandy, UT 84070  
801.262.7299 PHONE  
866.792.0093 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





3/25/2020

**Work Order: 20C0879**  
**Project: Oak Hollow Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



## Certificate of Analysis

**Lab Sample No.: 20C0879-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 3:10 AM  |
| <b>Sample Site:</b> OH-1 Kitchen     | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Oak Hollow Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.314         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0007        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0879-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 3:12 AM  |
| <b>Sample Site:</b> OH-2 S-5         | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Oak Hollow Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.262         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0879-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 3:15 AM  |
| <b>Sample Site:</b> OH-3 119         | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Oak Hollow Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.349         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0879-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 3:16 AM  |
| <b>Sample Site:</b> OH-4 S-4         | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Oak Hollow Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.437         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0879-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 3:18 AM  |
| <b>Sample Site:</b> OH-5 Heaths Room | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Oak Hollow Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.720         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |





## Certificate of Analysis

**Lab Sample No.: 20C0879-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 3:19 AM  |
| <b>Sample Site:</b> OH-6 S-1         | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Oak Hollow Elementary  |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.779         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9369 South  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-626-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Oak Hollow Elementary  
 EMAIL: Kevin.ray@canyonsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \* \_\_\_\_\_

\* Expedited turnaround subject to additional charge

20C087A

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |      |        |                         |
|--------------|---------------------------|---------|------|--------|-------------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME | MATRIX | Field Residual Chlorine |
| 01           | 1. OH-1 Kitchens          | 3-10-20 | 310  | Water  |                         |
| 02           | 2. OH-2 S-5               |         | 312  |        |                         |
| 03           | 3. OH-3 119               |         | 315  |        |                         |
| 04           | 4. OH-4 S-4               |         | 316  |        |                         |
| 05           | 5. OH-5 Health Room       |         | 318  |        |                         |
| 06           | 6. OH-6 S-1               |         | 319  |        |                         |
|              | 7.                        |         |      |        |                         |
|              | 8.                        |         |      |        |                         |
|              | 9.                        |         |      |        |                         |
|              | 10.                       |         |      |        |                         |

| TESTS REQUESTED |        |      |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |
|-----------------|--------|------|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|
| Lead            | Copper | Iron |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. coli Only |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |

Sampled by: [print] \_\_\_\_\_ Sampled by: [signature] \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE: NOT ON ICE Temp (C): 22.1

Samples received outside the EPA recommended temperature range of 0-6 C\* may be rejected.

|                                       |                              |   |                              |
|---------------------------------------|------------------------------|---|------------------------------|
| Relinquished by: [signature] <u>2</u> | Date/Time <u>3-17-20 952</u> | Received by: [signature] <u>[Signature]</u> | Date/Time <u>3-17-20 952</u> |
| Relinquished by: [signature]          | Date/Time                    | Received by: [signature]                    | Date/Time                    |
| Relinquished by: [signature]          | Date/Time                    | Received by: [signature]                    | Date/Time                    |

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070

801.262.7299 PHONE  
866.792.0093 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





3/11/2020

**Work Order: 20C0146**  
**Project: Oakdale Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



## Certificate of Analysis

**Lab Sample No.: 20C0146-01**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/3/2020 3:21 PM  |
| <b>Sample Site:</b> O-1 203          | <b>Receipt Date:</b> 3/3/2020 2:47 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Oakdale Elementary    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.189         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | 0.0005        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0146-02**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/3/2020 3:23 PM  |
| <b>Sample Site:</b> O-2 104          | <b>Receipt Date:</b> 3/3/2020 2:47 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Oakdale Elementary    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.269         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0146-03**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/3/2020 3:25 PM  |
| <b>Sample Site:</b> O-3 603          | <b>Receipt Date:</b> 3/3/2020 2:47 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Oakdale Elementary    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 1.25          | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |





## Certificate of Analysis

**Lab Sample No.: 20C0146-04**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/3/2020 3:27 PM  |
| <b>Sample Site:</b> O-4 509          | <b>Receipt Date:</b> 3/3/2020 2:47 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Oakdale Elementary    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.745         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0146-05**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/3/2020 3:29 PM  |
| <b>Sample Site:</b> O-5 403          | <b>Receipt Date:</b> 3/3/2020 2:47 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Oakdale Elementary    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.159         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0146-06**

|                                      |                                       |
|--------------------------------------|---------------------------------------|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/3/2020 3:30 PM  |
| <b>Sample Site:</b> O-6 304          | <b>Receipt Date:</b> 3/3/2020 2:47 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Oakdale Elementary    |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                    |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                  |
|                                      | <b>Report to State:</b>               |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.604         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/04/2020            | 03/04/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/04/2020            | 03/04/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons SD  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-820-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Oakdale Elementary  
 EMAIL: kevin.ray@canycansdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH - FORD  
LABORATORIES

TURNAROUND REQUIRED: \*

\* Expedited turnaround subject to additional charge

220146

| Lab Use Only | CLIENT SAMPLE INFORMATION |        |      |        |                           |
|--------------|---------------------------|--------|------|--------|---------------------------|
|              | LOCATION / IDENTIFICATION | DATE   | TIME | MATRIX | Field: Bar/Total Chlorine |
| -01          | 1. 0-1 203                | 3-3-20 | 3:21 | Water  |                           |
| 02           | 2. 0-2 104                |        | 3:23 |        |                           |
| 03           | 3. 0-3 603                |        | 3:25 |        |                           |
| 04           | 4. 0-4 509                |        | 3:27 |        |                           |
| 05           | 5. 0-5 403                |        | 3:29 |        |                           |
| 06           | 6. 0-6 304                |        | 3:30 |        |                           |
|              | 7.                        |        |      |        |                           |
|              | 8.                        |        |      |        |                           |
|              | 9.                        |        |      |        |                           |
|              | 10.                       |        |      |        |                           |

| TESTS REQUESTED        |  |  |  |  |  |  |  |  |  | Bacteria                                  |                                       |                   |              |
|------------------------|--|--|--|--|--|--|--|--|--|---|---------------------------------------|-------------------|--------------|
| Inch<br>Copper<br>Lead |  |  |  |  |  |  |  |  |  | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (plate Count) | E. Coli Only |
|                        |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C): 10.9

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

Relinquished by: (signature) \_\_\_\_\_ Date/Time 3-3-20 1447

Received by: (signature) \_\_\_\_\_ Date/Time 3-3-20 1447

Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070  
801.262.7299 PHONE  
866.792.0099 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





3/16/2020

**Work Order: 20C0443**  
**Project: Peruvian Park Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C0443-01**

|   |   |
|---|---|
| <p><b>Name:</b> Canyons School District</p> <p><b>Sample Site:</b> PP-1 Room 19</p> <p><b>Comments:</b></p> <p><b>Sample Matrix:</b> Water</p> <p><b>PO Number:</b> 0402000013</p> <p><b>Source Code:</b></p> | <p><b>Sample Date:</b> 3/6/2020 4:09 AM</p> <p><b>Receipt Date:</b> 3/6/2020 1:50 PM</p> <p><b>Sampler:</b> Client</p> <p><b>Project:</b> Peruvian Park Elementary</p> <p><b>System No.:</b></p> <p><b>Report to State:</b></p> |
|---|---|

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.158         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | 0.47          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0018        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |





# Certificate of Analysis

**Lab Sample No.: 20C0443-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/6/2020 4:11 AM     |
| <b>Sample Site:</b> PP-2 Room 25     | <b>Receipt Date:</b> 3/6/2020 1:50 PM    |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                   |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Peruvian Park Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                       |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                     |
|                                      | <b>Report to State:</b>                  |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.176         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0025        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0443-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/6/2020 3:58 AM     |
| <b>Sample Site:</b> PP-3 Kitchen     | <b>Receipt Date:</b> 3/6/2020 1:50 PM    |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                   |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Peruvian Park Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                       |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                     |
|                                      | <b>Report to State:</b>                  |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.318         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0009        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0443-04**

|  |   |
|--|---|
| <p><b>Name:</b> Canyons School District</p> <p><b>Sample Site:</b> PP-4 Room 7</p> <p><b>Comments:</b></p> <p><b>Sample Matrix:</b> Water</p> <p><b>PO Number:</b> 0402000013</p> <p><b>Source Code:</b></p> | <p><b>Sample Date:</b> 3/6/2020 4:02 AM</p> <p><b>Receipt Date:</b> 3/6/2020 1:50 PM</p> <p><b>Sampler:</b> Client</p> <p><b>Project:</b> Peruvian Park Elementary</p> <p><b>System No.:</b></p> <p><b>Report to State:</b></p> |
|--|---|

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.273         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | 0.07          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0443-05**

|  |  |
|--|--|
| <b>Name:</b> Canyons School District   | <b>Sample Date:</b> 3/6/2020 4:04 AM     |
| <b>Sample Site:</b> PP-5 Chair Storage | <b>Receipt Date:</b> 3/6/2020 1:50 PM    |
| <b>Comments:</b>                       | <b>Sampler:</b> Client                   |
| <b>Sample Matrix:</b> Water            | <b>Project:</b> Peruvian Park Elementary |
| <b>PO Number:</b> 0402000013           | <b>System No.:</b>                       |
| <b>Source Code:</b>                    | <b>Sample Point:</b>                     |
|  | <b>Report to State:</b>                  |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.555         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0011        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0443-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/6/2020 4:04 AM     |
| <b>Sample Site:</b> PP-6 Room 15     | <b>Receipt Date:</b> 3/6/2020 1:50 PM    |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                   |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Peruvian Park Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                       |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                     |
|                                      | <b>Report to State:</b>                  |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.879         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | 0.03          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0016        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY



CHEMTECH-FORD LABORATORIES

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-926-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Peruvia Park Elem.  
 EMAIL: Kevin.Ray@canyonsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_

TURNAROUND REQUIRED:\*

\* Specified turnaround subject to additional charge

| Lab Use Only | CLIENT SAMPLE INFORMATION |        |      |        |                         |
|--------------|---------------------------|--------|------|--------|-------------------------|
|              | LOCATION / IDENTIFICATION | DATE   | TIME | MATRIX | Field Residual Chlorine |
| 01           | 1. PP-1 Room 19           | 3-6-20 | 4:09 | Water  |                         |
| 02           | 2. PP-2 Room 25           |        | 4:11 |        |                         |
| 03           | 3. PP-3 Kitchens          |        | 3:58 |        |                         |
| 04           | 4. PP-4 Room 7            |        | 4:02 |        |                         |
| 05           | 5. PP-5 Chain Storage     |        | 4:04 |        |                         |
| 06           | 6. PP-6 Room 15           |        | 4:06 |        |                         |
| 7.           |                           |        |      |        |                         |
| 8.           |                           |        |      |        |                         |
| 9.           |                           |        |      |        |                         |
| 10.          |                           |        |      |        |                         |

| TESTS REQUESTED        |  |  |  |  |  |  |  |  |  | Bacteria                                   |                                       |                   |              |
|------------------------|--|--|--|--|--|--|--|--|--|--|---------------------------------------|-------------------|--------------|
| Copper<br>Iron<br>Lead |  |  |  |  |  |  |  |  |  | Total Coliform + E. coli (Presence/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. coli only |
|                        |  |  |  |  |  |  |  |  |  |  |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |  |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |  |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |  |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |  |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |  |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |  |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |  |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |  |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C°): 21.9

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

Relinquished by: (signature) \_\_\_\_\_ Date/Time 3-6-20 13:50  
 Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

Received by: (signature) Annette Mills Date/Time 3/6/20 13:50  
 Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

CHEMTECH-FORD  
 9682 South 500 West  
 Sandy, UT 84070  
 801.262.7299 PHONE  
 866.792.0093 FAX  
 www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% Interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.







3/16/2020

**Work Order: 20C0443**  
**Project: Peruvian Park Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C0443-01**

|   |   |
|---|---|
| <p><b>Name:</b> Canyons School District</p> <p><b>Sample Site:</b> PP-1 Room 19</p> <p><b>Comments:</b></p> <p><b>Sample Matrix:</b> Water</p> <p><b>PO Number:</b> 0402000013</p> <p><b>Source Code:</b></p> | <p><b>Sample Date:</b> 3/6/2020 4:09 AM</p> <p><b>Receipt Date:</b> 3/6/2020 1:50 PM</p> <p><b>Sampler:</b> Client</p> <p><b>Project:</b> Peruvian Park Elementary</p> <p><b>System No.:</b></p> <p><b>Report to State:</b></p> |
|---|---|

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.158         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | 0.47          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0018        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0443-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/6/2020 4:11 AM     |
| <b>Sample Site:</b> PP-2 Room 25     | <b>Receipt Date:</b> 3/6/2020 1:50 PM    |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                   |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Peruvian Park Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                       |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                     |
|                                      | <b>Report to State:</b>                  |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.176         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0025        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0443-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/6/2020 3:58 AM     |
| <b>Sample Site:</b> PP-3 Kitchen     | <b>Receipt Date:</b> 3/6/2020 1:50 PM    |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                   |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Peruvian Park Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                       |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                     |
|                                      | <b>Report to State:</b>                  |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.318         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0009        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0443-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/6/2020 4:02 AM     |
| <b>Sample Site:</b> PP-4 Room 7      | <b>Receipt Date:</b> 3/6/2020 1:50 PM    |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                   |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Peruvian Park Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                       |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                     |
|                                      | <b>Report to State:</b>                  |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.273         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | 0.07          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0443-05**

|  |  |
|--|--|
| <b>Name:</b> Canyons School District   | <b>Sample Date:</b> 3/6/2020 4:04 AM     |
| <b>Sample Site:</b> PP-5 Chair Storage | <b>Receipt Date:</b> 3/6/2020 1:50 PM    |
| <b>Comments:</b>                       | <b>Sampler:</b> Client                   |
| <b>Sample Matrix:</b> Water            | <b>Project:</b> Peruvian Park Elementary |
| <b>PO Number:</b> 0402000013           | <b>System No.:</b>                       |
| <b>Source Code:</b>                    | <b>Sample Point:</b>                     |
|  | <b>Report to State:</b>                  |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.555         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0011        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0443-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/6/2020 4:04 AM     |
| <b>Sample Site:</b> PP-6 Room 15     | <b>Receipt Date:</b> 3/6/2020 1:50 PM    |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                   |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Peruvian Park Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                       |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                     |
|                                      | <b>Report to State:</b>                  |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.879         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | 0.03          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0016        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.



CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY



CHEMTECH-FORD LABORATORIES

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-926-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Peruvia Park Elem.  
 EMAIL: Kevin.Ray@canyonsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_

TURNAROUND REQUIRED:\*

\* Specified turnaround subject to additional charge

| Lab Use Only | CLIENT SAMPLE INFORMATION |        |      |        |                         |
|--------------|---------------------------|--------|------|--------|-------------------------|
|              | LOCATION / IDENTIFICATION | DATE   | TIME | MATRIX | Field Residual Chlorine |
| 01           | 1. PP-1 Room 19           | 3-6-20 | 4:09 | Water  |                         |
| 02           | 2. PP-2 Room 25           |        | 4:11 |        |                         |
| 03           | 3. PP-3 Kitchens          |        | 3:58 |        |                         |
| 04           | 4. PP-4 Room 7            |        | 4:02 |        |                         |
| 05           | 5. PP-5 Chain Storage     |        | 4:04 |        |                         |
| 06           | 6. PP-6 Room 15           |        | 4:06 |        |                         |
| 7.           |                           |        |      |        |                         |
| 8.           |                           |        |      |        |                         |
| 9.           |                           |        |      |        |                         |
| 10.          |                           |        |      |        |                         |

| TESTS REQUESTED        |  |  |  |  |  |  |  |  |  | Bacteria |  |                                       |                   |              |
|------------------------|--|--|--|--|--|--|--|--|--|----------|--|---------------------------------------|-------------------|--------------|
| Copper<br>Iron<br>Lead |  |  |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Presence/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. coli only |
|                        |  |  |  |  |  |  |  |  |  |          |  |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |          |  |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |          |  |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |          |  |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |          |  |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |          |  |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |          |  |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |          |  |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |          |  |                                       |                   |              |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C°): 21.9

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

Relinquished by: (signature) [Signature] Date/Time 3-6-20 13:50 Received by: (signature) Annette Mills Date/Time 3/6/20 13:50

Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_ Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_ Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

CHEMTECH-FORD  
 9682 South 500 West  
 Sandy, UT 84070

801.262.7299 PHONE  
 866.792.0093 FAX  
 www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% Interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





3/16/2020

**Work Order: 20C0440**  
**Project: Quail Hollow Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



## Certificate of Analysis

**Lab Sample No.: 20C0440-01**

|   |  |
|---|--|
| <p><b>Name:</b> Canyons School District</p> <p><b>Sample Site:</b> QH-1 Kitchen</p> <p><b>Comments:</b></p> <p><b>Sample Matrix:</b> Water</p> <p><b>PO Number:</b> 0402000013</p> <p><b>Source Code:</b></p> | <p><b>Sample Date:</b> 3/5/2020 4:24 AM</p> <p><b>Receipt Date:</b> 3/6/2020 1:50 PM</p> <p><b>Sampler:</b> Client</p> <p><b>Project:</b> Quail Hollow Elementary</p> <p><b>System No.:</b></p> <p><b>Report to State:</b></p> |
|---|--|

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0038        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0087        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0440-02**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/5/2020 4:27 AM    |
| <b>Sample Site:</b> QH-2 103         | <b>Receipt Date:</b> 3/6/2020 1:50 PM   |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Quail Hollow Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.417         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0006        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0440-03**

|   |  |
|---|--|
| <p><b>Name:</b> Canyons School District</p> <p><b>Sample Site:</b> QH-3 202</p> <p><b>Comments:</b></p> <p><b>Sample Matrix:</b> Water</p> <p><b>PO Number:</b> 0402000013</p> <p><b>Source Code:</b></p> | <p><b>Sample Date:</b> 3/5/2020 4:29 AM</p> <p><b>Receipt Date:</b> 3/6/2020 1:50 PM</p> <p><b>Sampler:</b> Client</p> <p><b>Project:</b> Quail Hollow Elementary</p> <p><b>System No.:</b></p> <p><b>Report to State:</b></p> |
| <b>Sample Point:</b>  |  |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0667        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0440-04**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/5/2020 4:31 AM    |
| <b>Sample Site:</b> QH-4 302         | <b>Receipt Date:</b> 3/6/2020 1:50 PM   |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Quail Hollow Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0692        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0440-05**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/5/2020 4:33 AM    |
| <b>Sample Site:</b> QH-5 403         | <b>Receipt Date:</b> 3/6/2020 1:50 PM   |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Quail Hollow Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.531         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0029        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |





## Certificate of Analysis

**Lab Sample No.: 20C0440-06**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/5/2020 4:35 AM    |
| <b>Sample Site:</b> QH-6 502         | <b>Receipt Date:</b> 3/6/2020 1:50 PM   |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Quail Hollow Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.119         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyon School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Quail Hollow Elem.  
 EMAIL: Kevinray@canyonssd.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \_\_\_\_\_

\* Expedited turnaround subject to additional charge

\*per container. Am 3/6/20

| Lab Use Only | CLIENT SAMPLE INFORMATION |        |      |        |                       |
|--------------|---------------------------|--------|------|--------|-----------------------|
| 2000440      | LOCATION / IDENTIFICATION | DATE   | TIME | MATRIX | Field Residual C/N/In |
| 01           | 1. QH-1 Kitchen           | 3-5-20 | 4:24 | Water  |                       |
| 02           | 2. QH-2 103               |        | 4:27 |        |                       |
| 03           | 3. QH-3 202               |        | 4:29 |        |                       |
| 04           | 4. QH-4 302               |        | 4:31 |        |                       |
| 05           | 5. QH-5 403               | *      | 4:33 |        |                       |
| 06           | 6. QH-6 502               | *      | 4:35 |        |                       |
|              | 7.                        |        |      |        |                       |
|              | 8.                        |        |      |        |                       |
|              | 9.                        |        |      |        |                       |
|              | 10.                       |        |      |        |                       |

| TESTS REQUESTED |      |      |  |  |  |  |  |  |  |  |  | Bacteria |  |  |  |  |  |
|-----------------|------|------|--|--|--|--|--|--|--|--|--|----------|--|--|--|--|--|
| Copper          | Iron | Lead |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |
|                 |      |      |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |
|                 |      |      |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |
|                 |      |      |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |
|                 |      |      |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |
|                 |      |      |  |  |  |  |  |  |  |  |  |          |  |  |  |  |  |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C°): 21.9

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

Relinquished by: (signature) \_\_\_\_\_ Date/Time 3-6-20 13:50 Received by: (signature) J. Annette Mills Date/Time 3/6/20 13:50

Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_ Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_ Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070

801.262.7299 PHONE  
866.792.0093 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





3/6/2019

**Work Order: 19B1185**  
**Project: Ridgecrest Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



## Certificate of Analysis

**Lab Sample No.: 19B1185-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 2/26/2019 6:10 AM  |
| <b>Sample Site:</b> R-1 Kitchen      | <b>Receipt Date:</b> 2/26/2019 8:53 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Ridgcrest Elementary   |
| <b>PO Number:</b> 0151800004         | <b>System No.:</b> UTAH18000           |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0382        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 02/27/2019            | 02/28/2019         |      |
| Iron, Total   | 0.06          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 02/28/2019            | 02/28/2019         |      |
| Lead, Total   | 0.0010        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 02/27/2019            | 02/28/2019         |      |



## Certificate of Analysis

**Lab Sample No.: 19B1185-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 2/26/2019 6:13 AM  |
| <b>Sample Site:</b> R-2 SW Hall      | <b>Receipt Date:</b> 2/26/2019 8:53 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Ridgecrest Elementary  |
| <b>PO Number:</b> 0151800004         | <b>System No.:</b> UTAH18000           |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.272         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 02/27/2019            | 02/28/2019         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 02/28/2019            | 02/28/2019         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 02/27/2019            | 02/28/2019         |      |



## Certificate of Analysis

**Lab Sample No.: 19B1185-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 2/26/2019 6:15 AM  |
| <b>Sample Site:</b> R-3 SE Hall      | <b>Receipt Date:</b> 2/26/2019 8:53 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Ridgecrest Elementary  |
| <b>PO Number:</b> 0151800004         | <b>System No.:</b> UTAH18000           |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.253         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 02/27/2019            | 02/28/2019         |      |
| Iron, Total   | 0.02          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 02/28/2019            | 02/28/2019         |      |
| Lead, Total   | 0.0008        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 02/27/2019            | 02/28/2019         |      |





## Certificate of Analysis

**Lab Sample No.: 19B1185-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 2/26/2019 6:18 AM  |
| <b>Sample Site:</b> R-4 Main Hall    | <b>Receipt Date:</b> 2/26/2019 8:53 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Ridgcrest Elementary   |
| <b>PO Number:</b> 0151800004         | <b>System No.:</b> UTAH18000           |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.594         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 02/27/2019            | 02/28/2019         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 02/28/2019            | 02/28/2019         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 02/27/2019            | 02/28/2019         |      |



## Certificate of Analysis

**Lab Sample No.: 19B1185-05**

|  |  |
|--|--|
| <p><b>Name:</b> Canyons School District</p> <p><b>Sample Site:</b> R-5 NE Hall</p> <p><b>Comments:</b></p> <p><b>Sample Matrix:</b> Water</p> <p><b>PO Number:</b> 0151800004</p> <p><b>Source Code:</b></p> | <p><b>Sample Date:</b> 2/26/2019 6:20 AM</p> <p><b>Receipt Date:</b> 2/26/2019 8:53 AM</p> <p><b>Sampler:</b> Client</p> <p><b>Project:</b> Ridgecrest Elementary</p> <p><b>System No.:</b> UTAH18000</p> <p><b>Report to State:</b></p> |
| <b>Sample Point:</b>   |  |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.707         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 02/27/2019            | 02/28/2019         |      |
| Iron, Total   | 0.06          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 02/28/2019            | 02/28/2019         |      |
| Lead, Total   | 0.0030        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 02/27/2019            | 02/28/2019         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: 801-826-5069  
 CONTACT: Kevin Ray PROJECT: Ridgecrest Elementary  
 EMAIL: kevin.ray@canyonsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \* \_\_\_\_\_  
 \* Expedited turnaround subject to additional charge

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |       |        |                          |
|--------------|---------------------------|---------|-------|--------|--------------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME  | MATRIX | Field: Residual Chlorine |
| 01185        |                           |         |       |        |                          |
| -01          | 1. R-1 Kitchen            | 2-26-19 | 06:10 | Water  |                          |
| -02          | 2. R-2 SW Hall            |         | 06:13 |        |                          |
| -03          | 3. R-3 SE Hall            |         | 06:15 |        |                          |
| -04          | 4. R-4 Main Hall          |         | 06:18 |        |                          |
| -05          | 5. R-5 NE Hall            |         | 06:20 |        |                          |
|              | 6.                        |         |       |        |                          |
|              | 7.                        |         |       |        |                          |
|              | 8.                        |         |       |        |                          |
|              | 9.                        |         |       |        |                          |
|              | 10.                       |         |       |        |                          |

| TESTS REQUESTED |        |      |  |  |  |  |  |  |  | Bacteria                                  |                                       |                   |              |
|-----------------|--------|------|--|--|--|--|--|--|--|---|---------------------------------------|-------------------|--------------|
| Lead            | Copper | Iron |  |  |  |  |  |  |  | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. Coli Only |
|                 |        |      |  |  |  |  |  |  |  |   |                                       |                   |              |

Sampled by: [print] \_\_\_\_\_ Sampled by: [signature] \_\_\_\_\_  
 Special Instructions: \_\_\_\_\_  
 ON ICE  NOT ON ICE  Temp (C°): 16.1  
 Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

|   |                               |   |                               |
|---|-------------------------------|---|-------------------------------|
| Relinquished by: [signature] <u>[Signature]</u> | Date/Time <u>2-26-19 8:53</u> | Received by: [signature] <u>Annette Mills</u> | Date/Time <u>2/26/19 8:53</u> |
| Relinquished by: [signature] _____              | Date/Time _____               | Received by: [signature] _____                | Date/Time _____               |
| Relinquished by: [signature] _____              | Date/Time _____               | Received by: [signature] _____                | Date/Time _____               |

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070  
801.262.7299 PHONE  
866.792.0093 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





3/25/2020

**Work Order: 20C0970**  
**Project: Sandy Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C0970-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 3:06 AM  |
| <b>Sample Site:</b> S-1 Kitchen      | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Sandy Elementary       |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.685         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0007        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0970-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 3:08 AM  |
| <b>Sample Site:</b> S-2 Gymnasium    | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Sandy Elementary       |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.410         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.04          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |





# Certificate of Analysis

**Lab Sample No.: 20C0970-03**

|   |  |
|---|--|
| <b>Name:</b> Canyons School District    | <b>Sample Date:</b> 3/12/2020 3:13 AM  |
| <b>Sample Site:</b> S-3 Conference Room | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                        | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water             | <b>Project:</b> Sandy Elementary       |
| <b>PO Number:</b> 0402000013            | <b>System No.:</b>                     |
| <b>Source Code:</b>                     | <b>Sample Point:</b>                   |
|   | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.221         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0970-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 3:15 AM  |
| <b>Sample Site:</b> S-4 Room 107     | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Sandy Elementary       |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.423         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0970-05**

|   |  |
|---|--|
| <b>Name:</b> Canyons School District    | <b>Sample Date:</b> 3/12/2020 3:18 AM  |
| <b>Sample Site:</b> S-5 Fire Riser Room | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                        | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water             | <b>Project:</b> Sandy Elementary       |
| <b>PO Number:</b> 0402000013            | <b>System No.:</b>                     |
| <b>Source Code:</b>                     | <b>Sample Point:</b>                   |
|   | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.279         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0970-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/12/2020 3:20 AM  |
| <b>Sample Site:</b> S-6 Room 118     | <b>Receipt Date:</b> 3/17/2020 2:15 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Sandy Elementary       |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.264         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0005        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.







3/16/2020

**Work Order: 20C0442**  
**Project: Silver Mesa Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director





# Certificate of Analysis

**Lab Sample No.: 20C0442-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/5/2020 4:50 AM   |
| <b>Sample Site:</b> SM-1 Room 2      | <b>Receipt Date:</b> 3/6/2020 1:50 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Silver Mesa Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.396         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0022        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0442-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/5/2020 4:52 AM   |
| <b>Sample Site:</b> SM-2 Room 5      | <b>Receipt Date:</b> 3/6/2020 1:50 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Silver Mesa Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.433         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0013        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0442-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/5/2020 4:55 AM   |
| <b>Sample Site:</b> SM-3 Room 20     | <b>Receipt Date:</b> 3/6/2020 1:50 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Silver Mesa Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.743         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0012        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0442-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/5/2020 4:55 AM   |
| <b>Sample Site:</b> SM-4 Room 24     | <b>Receipt Date:</b> 3/6/2020 1:50 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Silver Mesa Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.410         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0005        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0442-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/5/2020 4:59 AM   |
| <b>Sample Site:</b> SM-5 Room 15     | <b>Receipt Date:</b> 3/6/2020 1:50 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Silver Mesa Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.437         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0012        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0442-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/5/2020 5:01 AM   |
| <b>Sample Site:</b> SM-6 Room 12     | <b>Receipt Date:</b> 3/6/2020 1:50 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Silver Mesa Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.399         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0009        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0442-07**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/6/2020 3:41 AM   |
| <b>Sample Site:</b> SM-7 Kitchen     | <b>Receipt Date:</b> 3/6/2020 1:50 PM  |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Silver Mesa Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.819         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |
| Iron, Total   | 0.03          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/09/2020            | 03/09/2020         |      |
| Lead, Total   | 0.0074        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/09/2020            | 03/09/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.



CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Silver Mess Elem.  
 EMAIL: Kevin.ray@canoyonsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



TURNAROUND REQUIRED: \*  
 \*Expedited turnaround subject to additional charge

| Lab Use Only   | CLIENT SAMPLE INFORMATION |        |      |        |                           |
|----------------|---------------------------|--------|------|--------|---------------------------|
|                | LOCATION / IDENTIFICATION | DATE   | TIME | MATRIX | Field Restored<br>Observe |
| 2000440<br>-01 | 1. SM-1 Room 2            | 3-5-20 | 4:50 | Water  |                           |
| -02            | 2. SM-2 Room 5            |        | 4:52 |        |                           |
| -03            | 3. SM-3 Room 20           |        | 4:55 |        |                           |
| -04            | 4. SM-4 Room 24           |        | 4:55 |        |                           |
| -05            | 5. SM-5 Room 15           |        | 4:59 |        |                           |
| -06            | 6. SM-6 Room 12           |        | 5:01 |        |                           |
| -07            | 7. SM-7 Kitchen           | 3-6-20 | 3:41 |        |                           |
|                | 8.                        |        |      |        |                           |
|                | 9.                        |        |      |        |                           |
|                | 10.                       |        |      |        |                           |

| TESTS REQUESTED        |  |  |  |  |  |  |  |  |  | Bacteria |   |                                       |
|------------------------|--|--|--|--|--|--|--|--|--|----------|---|---------------------------------------|
| Copper<br>Lead<br>Lead |  |  |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) |
|                        |  |  |  |  |  |  |  |  |  |          | HPC (Plate Count)                         | E. coli Only                          |
|                        |  |  |  |  |  |  |  |  |  |          |   |                                       |
|                        |  |  |  |  |  |  |  |  |  |          |   |                                       |
|                        |  |  |  |  |  |  |  |  |  |          |   |                                       |
|                        |  |  |  |  |  |  |  |  |  |          |   |                                       |
|                        |  |  |  |  |  |  |  |  |  |          |   |                                       |
|                        |  |  |  |  |  |  |  |  |  |          |   |                                       |
|                        |  |  |  |  |  |  |  |  |  |          |   |                                       |
|                        |  |  |  |  |  |  |  |  |  |          |   |                                       |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C): 21.9

Samples received outside the EPA recommended temperature range of 0-6 C may be rejected.

|   |                               |   |                               |
|---|-------------------------------|---|-------------------------------|
| Relinquished by: (signature) <u>[Signature]</u> | Date/Time <u>3-6-20 13:50</u> | Received by: (signature) <u>[Signature]</u> | Date/Time <u>3/6/20 13:50</u> |
| Relinquished by: (signature) _____              | Date/Time _____               | Received by: (signature) _____              | Date/Time _____               |
| Relinquished by: (signature) _____              | Date/Time _____               | Received by: (signature) _____              | Date/Time _____               |

CHEMTECH-FORD  
 9632 South 500 West  
 Sandy, UT 84070

801.261.7298 PHONE  
 866.792.0093 FAX  
 www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





3/25/2020

**Work Order: 20C0926**  
**Project: Sprucewood Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

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Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C0926-01**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 4:40 AM   |
| <b>Sample Site:</b> S-1 Kitchen      | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Sprucewood Elementary   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.171         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0017        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0926-02**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 4:41 AM   |
| <b>Sample Site:</b> S-2 Cafe Hall    | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Sprucewood Elementary   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.297         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0926-03**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 4:43 AM   |
| <b>Sample Site:</b> S-3 Room 601     | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Sprucewood Elementary   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0909        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0926-04**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 4:45 AM   |
| <b>Sample Site:</b> S-4 Room 401     | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Sprucewood Elementary   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.312         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0926-05**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 4:47 AM   |
| <b>Sample Site:</b> S-5 Room 11      | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Sprucewood Elementary   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.790         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.06          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0013        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |





# Certificate of Analysis

**Lab Sample No.: 20C0926-06**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 4:48 AM   |
| <b>Sample Site:</b> S-6 Room 201     | <b>Receipt Date:</b> 3/17/2020 12:45 PM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                  |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Sprucewood Elementary   |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                      |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                    |
|                                      | <b>Report to State:</b>                 |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.490         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY



CHEMTECH-FORD  
LABORATORIES

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Roy PROJECT: Spinnewood Elementary  
 EMAIL: kevin.roy@Canyonsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_

TURNAROUND REQUIRED:\*

\* Expedited turnaround subject to additional charge

20C0926

\* per bottles  
- left

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |       |        |                         |
|--------------|---------------------------|---------|-------|--------|-------------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME  | MATRIX | Field Residual Chlorine |
| 01           | 1. S-1 Kitchen            | 3-10-20 | 0440* | Water  |                         |
| 02           | 2. S-2 Cafe Hall          |         | 0441  |        |                         |
| 03           | 3. S-3 Room 601           |         | 0443  |        |                         |
| 04           | 4. S-4 Room 401           |         | 0445  |        |                         |
| 05           | 5. S-5 Room 11            |         | 0447  |        |                         |
| 06           | 6. S-6 Room 201           |         | 0448  |        |                         |
|              | 7.                        |         |       |        |                         |
|              | 8.                        |         |       |        |                         |
|              | 9.                        |         |       |        |                         |
|              | 10.                       |         |       |        |                         |

| TESTS REQUESTED |        |      |  |  |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |
|-----------------|--------|------|--|--|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|
| Inch            | Copper | Lead |  |  |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. Coli Only |
|                 |        |      |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |

Sampled by: [print] \_\_\_\_\_ Sampled by: [signature] \_\_\_\_\_

ON ICE NOT ON ICE Temp (C): 22.8

Special Instructions: \_\_\_\_\_

Samples received outside the EPA recommended temperature range of 0-6 C\* may be rejected.

Relinquished by: [signature] \_\_\_\_\_  
 Relinquished by: [signature] \_\_\_\_\_  
 Relinquished by: [signature] \_\_\_\_\_

Date/Time 3-12-20  
 Date/Time \_\_\_\_\_  
 Date/Time \_\_\_\_\_

Received by: [signature] [Signature]  
 Received by: [signature] \_\_\_\_\_  
 Received by: [signature] \_\_\_\_\_

Date/Time 3/17/20 1245  
 Date/Time \_\_\_\_\_  
 Date/Time \_\_\_\_\_

CHEMTECH-FORD  
 9632 South 500 West  
 Sandy, UT 84070  
 801.262.7299 PHONE  
 866.792.0093 FAX  
 www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





3/25/2020

**Work Order: 20C0882**  
**Project: Sunrise Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C0882-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/9/2020 4:29 AM   |
| <b>Sample Site:</b> S-1 Kitchen      | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Sunrise Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.520         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | 0.02          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0049        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0882-02**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/9/2020 4:31 AM   |
| <b>Sample Site:</b> S-2 10           | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Sunrise Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.552         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0011        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0882-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/9/2020 4:33 AM   |
| <b>Sample Site:</b> S-3 35           | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Sunrise Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.295         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |





## Certificate of Analysis

**Lab Sample No.: 20C0882-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/9/2020 4:35 AM   |
| <b>Sample Site:</b> S-4 25           | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Sunrise Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.505         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0882-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/9/2020 4:36 AM   |
| <b>Sample Site:</b> S-5 22           | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Sunrise Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.459         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0882-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/9/2020 4:38 AM   |
| <b>Sample Site:</b> S-6 6            | <b>Receipt Date:</b> 3/17/2020 9:52 AM |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                 |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Sunrise Elementary     |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.393         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Rey PROJECT: SUNRISE Elementary  
 EMAIL: kevin.rey@canyonsdistrict.com

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED:\*

\* Expedited turnaround subject to additional charge

| Lab Use Only | CLIENT SAMPLE INFORMATION |        |      |        |                          |
|--------------|---------------------------|--------|------|--------|--------------------------|
|              | LOCATION / IDENTIFICATION | DATE   | TIME | MATRIX | Field: Residual Chlorine |
| 9060882      |                           |        |      |        |                          |
| 01           | 1. S-1 K. Lakes           | 3-9-20 | 4:29 | Water  |                          |
| 02           | 2. S-2 10                 |        | 4:31 |        |                          |
| 03           | 3. S-3 35                 |        | 4:33 |        |                          |
| 04           | 4. S-4 25                 |        | 4:35 |        |                          |
| 05           | 5. S-5 22                 |        | 4:36 |        |                          |
| 06           | 6. S-6 6                  |        | 4:36 |        |                          |
|              | 7.                        |        |      |        |                          |
|              | 8.                        |        |      |        |                          |
|              | 9.                        |        |      |        |                          |
|              | 10.                       |        |      |        |                          |

| TESTS REQUESTED |        |      |  |  |  |  |  |  |  | Bacteria                                  |                                       |                   |              |
|-----------------|--------|------|--|--|--|--|--|--|--|---|---------------------------------------|-------------------|--------------|
| Lead            | Copper | Iron |  |  |  |  |  |  |  | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. Coli Only |
|                 |        |      |  |  |  |  |  |  |  |   |                                       |                   |              |

Sampled by: [print] \_\_\_\_\_ Sampled by: [signature] \_\_\_\_\_

ON ICE NOT ON ICE Temp (C): 22.1

Special Instructions: \_\_\_\_\_

Samples received outside the EPA recommended temperature range of 0-6°C may be rejected.

Relinquished by: [signature] \_\_\_\_\_ Date/Time: 3-12-20 952  
 Relinquished by: [signature] \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Relinquished by: [signature] \_\_\_\_\_ Date/Time: \_\_\_\_\_

Received by: [signature] AKAMP Date/Time: 3-17-20 952  
 Received by: [signature] \_\_\_\_\_ Date/Time: \_\_\_\_\_  
 Received by: [signature] \_\_\_\_\_ Date/Time: \_\_\_\_\_

CHEMTECH-FORD 801.262.7299 PHONE  
 9632 South 500 West 866.792.8093 FAX  
 Sandy, UT 84070 www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





4/13/2020

**Work Order: 20D0063**  
**Project: Union Middle**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20D0063-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 4:43 AM  |
| <b>Sample Site:</b> Kitchen U-1      | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Union Middle           |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.220         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | 0.0008        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |





# Certificate of Analysis

**Lab Sample No.: 20D0063-02**

|   |  |
|---|--|
| <b>Name:</b> Canyons School District      | <b>Sample Date:</b> 3/17/2020 4:45 AM  |
| <b>Sample Site:</b> Girls Locker Room U-2 | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                          | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water               | <b>Project:</b> Union Middle           |
| <b>PO Number:</b> 0402000013              | <b>System No.:</b>                     |
| <b>Source Code:</b>                       | <b>Sample Point:</b>                   |
|   | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.422         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0063-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 4:47 AM  |
| <b>Sample Site:</b> Music Room U-3   | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Union Middle           |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.918         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | <b>1.07</b>   | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | 0.0025        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0063-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 4:49 AM  |
| <b>Sample Site:</b> Shop 2 Room U-4  | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Union Middle           |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.773         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | 0.24          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0063-05**

|  |  |
|--|--|
| <b>Name:</b> Canyons School District     | <b>Sample Date:</b> 3/17/2020 4:51 AM  |
| <b>Sample Site:</b> Music South Room U-5 | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                         | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water              | <b>Project:</b> Union Middle           |
| <b>PO Number:</b> 0402000013             | <b>System No.:</b>                     |
| <b>Source Code:</b>                      | <b>Sample Point:</b>                   |
|  | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.433         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0063-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 4:53 AM  |
| <b>Sample Site:</b> Room 1203 U-6    | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Union Middle           |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.778         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20D0063-07**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 4:55 AM  |
| <b>Sample Site:</b> Room M-2 U-7     | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Union Middle           |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.551         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/06/2020            | 04/06/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20D0063-08**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/17/2020 4:57 AM  |
| <b>Sample Site:</b> Room 704 U-8     | <b>Receipt Date:</b> 4/1/2020 12:40 PM |
| <b>Comments:</b>                     | <b>Sampler:</b>                        |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Union Middle           |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                     |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                   |
|                                      | <b>Report to State:</b>                |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.633         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 04/07/2020            | 04/07/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 04/03/2020            | 04/03/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.



CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Union Middle  
 EMAIL: kevin.ray@canycsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \* \_\_\_\_\_

\* Expedited turnaround subject to additional charge

2000063

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |       |        |                          |
|--------------|---------------------------|---------|-------|--------|--------------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME  | MATRIX | Field: Residual Chlorine |
| -01          | 1. Kitates U-1            | 3-17-20 | 04:43 | Water  |                          |
| -02          | 2. Girls Locker Room U-2  |         | 04:45 |        |                          |
| -03          | 3. Music Room U-3         |         | 04:47 |        |                          |
| -04          | 4. Shop 2 Room U-4        |         | 04:49 |        |                          |
| -05          | 5. Music South Room U-5   |         | 04:51 |        |                          |
| -06          | 6. Room 1263 U-6          |         | 04:53 |        |                          |
| -07          | 7. Room M-2 U-7           |         | 04:55 |        |                          |
| -08          | 8. Room 704 U-8           |         | 04:57 |        |                          |
|              | 9.                        |         |       |        |                          |
|              | 10.                       |         |       |        |                          |

| TESTS REQUESTED        |  |  |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |
|------------------------|--|--|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|
| Copper<br>Iron<br>Lead |  |  |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. Coli Only |
|                        |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                        |  |  |  |  |  |  |  |  |  |          |   |                                       |                   |              |

Sampled by: [print] \_\_\_\_\_ Sampled by: [signature] \_\_\_\_\_

Special Instructions: \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C): 22.9

Samples received outside the EPA recommended temperature range of 0-6 C may be rejected.

Relinquished by: [signature] \_\_\_\_\_ Date/Time 3-30-20  
 Relinquished by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Relinquished by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_

Received by: [signature] Annette Miles Date/Time 4/1/20 12:40  
 Received by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Received by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_

CHEMTECH-FORD 801.262.7299 PHONE  
 9632 South 500 West 866.792.0093 FAX  
 Sandy, UT 84070 www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.

1025



3/25/2020

**Work Order: 20C0886**  
**Project: Willow Canyon Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

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Approved By:

Dave Gayer, Laboratory Director



## Certificate of Analysis

**Lab Sample No.: 20C0886-01**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/9/2020 3:30 AM     |
| <b>Sample Site:</b> WC-1 105         | <b>Receipt Date:</b> 3/17/2020 9:52 AM   |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                   |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Willow Canyon Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                       |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                     |
|                                      | <b>Report to State:</b>                  |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.106         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0886-02**

|   |  |
|---|--|
| <p><b>Name:</b> Canyons School District</p> <p><b>Sample Site:</b> WC-2 Kitchen</p> <p><b>Comments:</b></p> <p><b>Sample Matrix:</b> Water</p> <p><b>PO Number:</b> 0402000013</p> <p><b>Source Code:</b></p> | <p><b>Sample Date:</b> 3/9/2020 3:33 AM</p> <p><b>Receipt Date:</b> 3/17/2020 9:52 AM</p> <p><b>Sampler:</b> Client</p> <p><b>Project:</b> Willow Canyon Elementary</p> <p><b>System No.:</b></p> <p><b>Report to State:</b></p> |
|---|--|

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0508        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | 0.12          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0029        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



# Certificate of Analysis

**Lab Sample No.: 20C0886-03**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/9/2020 3:36 AM     |
| <b>Sample Site:</b> WC-3 108         | <b>Receipt Date:</b> 3/17/2020 9:52 AM   |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                   |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Willow Canyon Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                       |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                     |
|                                      | <b>Report to State:</b>                  |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0504        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | 0.02          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0886-04**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/9/2020 3:39 AM     |
| <b>Sample Site:</b> WC-4 115         | <b>Receipt Date:</b> 3/17/2020 9:52 AM   |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                   |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Willow Canyon Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                       |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                     |
|                                      | <b>Report to State:</b>                  |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0559        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0886-05**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/9/2020 3:41 AM     |
| <b>Sample Site:</b> WC-5 127         | <b>Receipt Date:</b> 3/17/2020 9:52 AM   |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                   |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Willow Canyon Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                       |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                     |
|                                      | <b>Report to State:</b>                  |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.120         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | 0.09          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0886-06**

|                                      |  |
|--------------------------------------|--|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/9/2020 3:43 AM     |
| <b>Sample Site:</b> WC-6 124         | <b>Receipt Date:</b> 3/17/2020 9:52 AM   |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                   |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Willow Canyon Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                       |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                     |
|                                      | <b>Report to State:</b>                  |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.0615        | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/17/2020            | 03/17/2020         |      |





## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Willow Canyon Elementary  
 EMAIL: kevin.ray@canyonsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_



CHEMTECH-FORD  
LABORATORIES

TURNAROUND REQUIRED: \* \_\_\_\_\_

\* Expedited turnaround subject to additional charge

| Lab Use Only | CLIENT SAMPLE INFORMATION |        |      |        |                          |
|--------------|---------------------------|--------|------|--------|--------------------------|
|              | LOCATION / IDENTIFICATION | DATE   | TIME | MATRIX | Field: Residual Chlorine |
| 75C08310     |                           |        |      |        |                          |
| 01           | 1. WC-1 105               | 3-9-20 | 2:30 | Water  |                          |
| 02           | 2. WC-2 Kitchens          |        | 3:33 |        |                          |
| 03           | 3. WC-3 108               |        | 3:36 |        |                          |
| 04           | 4. WC-4 115               |        | 3:39 |        |                          |
| 05           | 5. WC-5 127               |        | 3:41 |        |                          |
| 06           | 6. WC-6 124               |        | 3:43 |        |                          |
|              | 7.                        |        |      |        |                          |
|              | 8.                        |        |      |        |                          |
|              | 9.                        |        |      |        |                          |
|              | 10.                       |        |      |        |                          |

| TESTS REQUESTED |        |      |  |  |  |  |  |  |  | Bacteria |   |                                       |                   |              |
|-----------------|--------|------|--|--|--|--|--|--|--|----------|---|---------------------------------------|-------------------|--------------|
| Lead            | Copper | Iron |  |  |  |  |  |  |  |          | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. coli Only |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |
|                 |        |      |  |  |  |  |  |  |  |          |   |                                       |                   |              |

Sampled by: [print] \_\_\_\_\_ Sampled by: [signature] \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C): 22.1

Special Instructions: \_\_\_\_\_

Samples received outside the EPA recommended temperature range of 0-6 C\* may be rejected.

Relinquished by: [signature] \_\_\_\_\_ Date/Time 3-17-20 952

Relinquished by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_

Relinquished by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_

Received by: [signature] [Signature] Date/Time 3-17-20 952

Received by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_

Received by: [signature] \_\_\_\_\_ Date/Time \_\_\_\_\_

CHEMTECH-FORD  
9632 South 500 West  
Sandy, UT 84070

801.262.7299 PHONE  
866.792.0093 FAX  
www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% Interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.





3/25/2020

**Work Order: 20C0925**  
**Project: Willow Springs Elementary**

**Canyons School District**  
**Attn: Kevin Ray**  
**9361 South 300 East**  
**Sandy, UT 84070**

**Client Service Contact: 801.262.7299**

The analyses presented on this report were performed in accordance with the National Environmental Laboratory Accreditation Program (NELAP) unless noted in the comments, flags, or case narrative. If the report is to be used for regulatory compliance, it should be presented in its entirety, and not be altered.



Approved By:

Dave Gayer, Laboratory Director



# Certificate of Analysis

**Lab Sample No.: 20C0925-01**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 4:10 AM     |
| <b>Sample Site:</b> WC-1 Kitchen     | <b>Receipt Date:</b> 3/17/2020 12:45 PM   |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                    |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Willow Springs Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                        |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                      |
|                                      | <b>Report to State:</b>                   |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.742         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | 0.04          | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | 0.0008        | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0925-02**

|   |   |
|---|---|
| <b>Name:</b> Canyons School District      | <b>Sample Date:</b> 3/10/2020 4:13 AM     |
| <b>Sample Site:</b> WC-2 Custodial Office | <b>Receipt Date:</b> 3/17/2020 12:45 PM   |
| <b>Comments:</b>                          | <b>Sampler:</b> Client                    |
| <b>Sample Matrix:</b> Water               | <b>Project:</b> Willow Springs Elementary |
| <b>PO Number:</b> 0402000013              | <b>System No.:</b>                        |
| <b>Source Code:</b>                       | <b>Sample Point:</b>                      |
|   | <b>Report to State:</b>                   |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.556         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0925-03**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 4:15 AM     |
| <b>Sample Site:</b> WC-3 Room 101    | <b>Receipt Date:</b> 3/17/2020 12:45 PM   |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                    |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Willow Springs Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                        |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                      |
|                                      | <b>Report to State:</b>                   |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.506         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0925-04**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 4:17 AM     |
| <b>Sample Site:</b> WC-4 Storage     | <b>Receipt Date:</b> 3/17/2020 12:45 PM   |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                    |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Willow Springs Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                        |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                      |
|                                      | <b>Report to State:</b>                   |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.417         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |





## Certificate of Analysis

**Lab Sample No.: 20C0925-05**

|                                      |   |
|--------------------------------------|---|
| <b>Name:</b> Canyons School District | <b>Sample Date:</b> 3/10/2020 4:19 AM     |
| <b>Sample Site:</b> WC-5 Room 121    | <b>Receipt Date:</b> 3/17/2020 12:45 PM   |
| <b>Comments:</b>                     | <b>Sampler:</b> Client                    |
| <b>Sample Matrix:</b> Water          | <b>Project:</b> Willow Springs Elementary |
| <b>PO Number:</b> 0402000013         | <b>System No.:</b>                        |
| <b>Source Code:</b>                  | <b>Sample Point:</b>                      |
|                                      | <b>Report to State:</b>                   |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.379         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

**Lab Sample No.: 20C0925-06**

|                                       |   |
|---------------------------------------|---|
| <b>Name:</b> Canyons School District  | <b>Sample Date:</b> 3/10/2020 4:24 AM     |
| <b>Sample Site:</b> WC-6 Faculty Room | <b>Receipt Date:</b> 3/17/2020 12:45 PM   |
| <b>Comments:</b>                      | <b>Sampler:</b> Client                    |
| <b>Sample Matrix:</b> Water           | <b>Project:</b> Willow Springs Elementary |
| <b>PO Number:</b> 0402000013          | <b>System No.:</b>                        |
| <b>Source Code:</b>                   | <b>Sample Point:</b>                      |
|                                       | <b>Report to State:</b>                   |

| Parameter     | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---------------|---------------|---------------------------------|-------------------------|-------|-------------------|-----------------------|--------------------|------|
| <b>Metals</b> |               |                                 |                         |       |                   |                       |                    |      |
| Copper, Total | 0.707         | 1.3                             | 0.0010                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |
| Iron, Total   | ND            | 0.3                             | 0.02                    | mg/L  | EPA 200.7         | 03/18/2020            | 03/18/2020         |      |
| Lead, Total   | ND            | 0.015                           | 0.0005                  | mg/L  | EPA 200.8         | 03/18/2020            | 03/18/2020         |      |



## Certificate of Analysis

### Report Footnotes

#### Abbreviations

ND = Not detected at the corresponding Minimum Reporting Limit.

1 mg/L = one milligram per liter or 1 mg/Kg = one milligram per kilogram = 1 part per million.

1 ug/L = one microgram per liter or 1 ug/Kg = one microgram per kilogram = 1 part per billion.

1 ng/L = one nanogram per liter or 1 ng/Kg = one nanogram per kilogram = 1 part per trillion.

#### Data Comparisons

Values reported in **RED** exceed Primary Drinking Water standards.

Values reported in **BLUE** exceed Secondary Drinking Water standards.

**BLANK** values in the MCL column indicate no standard.

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY



CHEMTECH-FORD LABORATORIES

COMPANY: Canyons School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-826-5143 FAX: \_\_\_\_\_  
 CONTACT: K. Ray PROJECT: Willow Springs Elementary  
 EMAIL: kevin.ray@canyonsdistrict.org

BILLING ADDRESS: \_\_\_\_\_  
 BILLING CITY/STATE/ZIP: \_\_\_\_\_  
 PURCHASE ORDER #: \_\_\_\_\_  
 INVOICE EMAIL ADDRESS: \_\_\_\_\_

TURNAROUND REQUIRED: \* \_\_\_\_\_  
 \* Expedited turnaround subject to additional charge

20C0925

| Lab Use Only | CLIENT SAMPLE INFORMATION |         |      |        |                         |
|--------------|---------------------------|---------|------|--------|-------------------------|
|              | LOCATION / IDENTIFICATION | DATE    | TIME | MATRIX | Field Residual Chlorine |
| 01           | 1. WC-1 Kitaley           | 3-16-20 | 4:10 | Water  |                         |
| 02           | 2. WC-2 Custodial office  |         | 4:13 |        |                         |
| 03           | 3. WC-3 Room 101          |         | 4:15 |        |                         |
| 04           | 4. WC-4 Storage           |         | 4:17 |        |                         |
| 05           | 5. WC-5 Room 121          |         | 4:19 |        |                         |
| 06           | 6. WC-6 Faculty Room      |         | 4:24 |        |                         |
|              | 7.                        |         |      |        |                         |
|              | 8.                        |         |      |        |                         |
|              | 9.                        |         |      |        |                         |
|              | 10.                       |         |      |        |                         |

| TESTS REQUESTED |  |  |  |  |  |  |  |  |  |  |  | Bacteria                                  |                                       |                   |              |  |  |  |  |  |  |
|-----------------|--|--|--|--|--|--|--|--|--|--|--|---|---------------------------------------|-------------------|--------------|--|--|--|--|--|--|
|                 |  |  |  |  |  |  |  |  |  |  |  | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. Coli Only |  |  |  |  |  |  |
| Copper          |  |  |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |  |  |  |  |  |  |
| Iron            |  |  |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |  |  |  |  |  |  |
| Lead            |  |  |  |  |  |  |  |  |  |  |  |   |                                       |                   |              |  |  |  |  |  |  |

Sampled by: (print) \_\_\_\_\_ Sampled by: (signature) \_\_\_\_\_

ON ICE  NOT ON ICE  Temp (C): 22.8

Special Instructions: \_\_\_\_\_

Samples received outside the EPA recommended temperature range of 0-6 C° may be rejected.

Relinquished by: (signature) \_\_\_\_\_ Date/Time 3-17-20  
 Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Relinquished by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

Received by: (signature) [Signature] Date/Time 3/17/20 1245  
 Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_  
 Received by: (signature) \_\_\_\_\_ Date/Time \_\_\_\_\_

CHEMTECH-FORD 801.262.7299 PHONE  
 9632 South 500 West 866.792.0093 FAX  
 Sandy, UT 84070 www.chemtechford.com

Payment Terms are net 30 days OAC. 1.5% interest charge per month (18% per annum). Client agrees to pay collection costs and attorney's fees.

