CHEMTECH-FORD
LABORATORIES

5/9/2018

# Work Order: 18E0463
# 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.

NELAP ACCREDITED TNI LABORATORY

Approved By:

Dave Gayer, Laboratory Director

CHEMTECH-FORD
LABORATORIES

# Certificate of Analysis

**Lab Sample No.: 18E0463-01**

| | | | |
|---|---|---|---|
| ***Name:*** | **Canyons School District** | ***Sample Date:*** | 5/9/2018 6:26 AM |
| ***Sample Site:*** | Kitchen Prep SM-1 | ***Receipt Date:*** | 5/9/2018 8:15 AM |
| ***Comments:*** | | ***Sampler:*** | Client |
| ***Sample Matrix:*** | Drinking Water | ***Project:*** | Silver Mesa Elementary |
| ***PO Number:*** | | ***System No.:*** | UTAH18000 |
| ***Source Code:*** | ***Sample Point:*** | ***Report to State:*** | |

| Parameter | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---|---|---|---|---|---|---|---|---|
| **Metals** | | | | | | | | |
| Lead, Total | 0.0014 | 0.015 | 0.0005 | mg/L | EPA 200.8 | 05/09/2018 | 05/09/2018 | |

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# Certificate of Analysis

**Lab Sample No.: 18E0463-02**

| | | | |
|---|---|---|---|
| ***Name:*** | **Canyons School District** | ***Sample Date:*** | 5/9/2018 6:28 AM |
| ***Sample Site:*** | Kitchen Prep SM-2 | ***Receipt Date:*** | 5/9/2018 8:15 AM |
| ***Comments:*** | | ***Sampler:*** | Client |
| ***Sample Matrix:*** | Drinking Water | ***Project:*** | Silver Mesa Elementary |
| ***PO Number:*** | | ***System No.:*** | UTAH18000 |
| ***Source Code:*** | ***Sample Point:*** | ***Report to State:*** | |

| Parameter | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---|---|---|---|---|---|---|---|---|
| **Metals** | | | | | | | | |
| Lead, Total | 0.0021 | 0.015 | 0.0005 | mg/L | EPA 200.8 | 05/09/2018 | 05/09/2018 | |

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LABORATORIES

# Certificate of Analysis

**Lab Sample No.: 18E0463-03**

| | | | |
|---|---|---|---|
| ***Name:*** | **Canyons School District** | ***Sample Date:*** | 5/9/2018 6:30 AM |
| ***Sample Site:*** | Kitchen Prep SM-3 | ***Receipt Date:*** | 5/9/2018 8:15 AM |
| ***Comments:*** | | ***Sampler:*** | Client |
| ***Sample Matrix:*** | Drinking Water | ***Project:*** | Silver Mesa Elementary |
| ***PO Number:*** | | ***System No.:*** | UTAH18000 |
| ***Source Code:*** | ***Sample Point:*** | ***Report to State:*** | |

| Parameter | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---|---|---|---|---|---|---|---|---|
| **Metals** | | | | | | | | |
| Lead, Total | **0.0205** | 0.015 | 0.0005 | mg/L | EPA 200.8 | 05/09/2018 | 05/09/2018 | |

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# Certificate of Analysis

**Lab Sample No.: 18E0463-04**

| | | | |
|---|---|---|---|
| ***Name:*** | **Canyons School District** | ***Sample Date:*** | 5/9/2018 6:32 AM |
| ***Sample Site:*** | Flush SM-1 | ***Receipt Date:*** | 5/9/2018 8:15 AM |
| ***Comments:*** | | ***Sampler:*** | Client |
| ***Sample Matrix:*** | Drinking Water | ***Project:*** | Silver Mesa Elementary |
| ***PO Number:*** | | ***System No.:*** | UTAH18000 |
| ***Source Code:*** | ***Sample Point:*** | ***Report to State:*** | |

| Parameter | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---|---|---|---|---|---|---|---|---|
| **Metals** | | | | | | | | |
| Lead, Total | ND | 0.015 | 0.0005 | mg/L | EPA 200.8 | 05/09/2018 | 05/09/2018 | |

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# Certificate of Analysis

**Lab Sample No.: 18E0463-05**

| | | | |
|---|---|---|---|
| ***Name:*** | **Canyons School District** | ***Sample Date:*** | 5/9/2018 6:35 AM |
| ***Sample Site:*** | Flush SM-2 | ***Receipt Date:*** | 5/9/2018 8:15 AM |
| ***Comments:*** | | ***Sampler:*** | Client |
| ***Sample Matrix:*** | Drinking Water | ***Project:*** | Silver Mesa Elementary |
| ***PO Number:*** | | ***System No.:*** | UTAH18000 |
| ***Source Code:*** | ***Sample Point:*** | ***Report to State:*** | |

| Parameter | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---|---|---|---|---|---|---|---|---|
| **Metals** | | | | | | | | |
| Lead, Total | ND | 0.015 | 0.0005 | mg/L | EPA 200.8 | 05/09/2018 | 05/09/2018 | |

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# Certificate of Analysis

**Lab Sample No.: 18E0463-06**

| | | | |
|---|---|---|---|
| ***Name:*** | **Canyons School District** | ***Sample Date:*** | 5/9/2018 6:38 AM |
| ***Sample Site:*** | Flush SM-3 | ***Receipt Date:*** | 5/9/2018 8:15 AM |
| ***Comments:*** | | ***Sampler:*** | Client |
| ***Sample Matrix:*** | Drinking Water | ***Project:*** | Silver Mesa Elementary |
| ***PO Number:*** | | ***System No.:*** | UTAH18000 |
| ***Source Code:*** | ***Sample Point:*** | ***Report to State:*** | |

| Parameter | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---|---|---|---|---|---|---|---|---|
| **Metals** | | | | | | | | |
| Lead, Total | 0.0008 | 0.015 | 0.0005 | mg/L | EPA 200.8 | 05/09/2018 | 05/09/2018 | |

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# Certificate of Analysis

**Lab Sample No.: 18E0463-07**

| | | | |
|---|---|---|---|
| ***Name:*** | **Canyons School District** | ***Sample Date:*** | 5/9/2018 6:40 AM |
| ***Sample Site:*** | North Hall SM-4 | ***Receipt Date:*** | 5/9/2018 8:15 AM |
| ***Comments:*** | | ***Sampler:*** | Client |
| ***Sample Matrix:*** | Drinking Water | ***Project:*** | Silver Mesa Elementary |
| ***PO Number:*** | | ***System No.:*** | UTAH18000 |
| ***Source Code:*** | ***Sample Point:*** | ***Report to State:*** | |

| Parameter | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---|---|---|---|---|---|---|---|---|
| **Metals** | | | | | | | | |
| Lead, Total | 0.0015 | 0.015 | 0.0005 | mg/L | EPA 200.8 | 05/09/2018 | 05/09/2018 | |

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# Certificate of Analysis

**Lab Sample No.: 18E0463-08**

| | | | |
|---|---|---|---|
| ***Name:*** | **Canyons School District** | ***Sample Date:*** | 5/9/2018 6:45 AM |
| ***Sample Site:*** | Ice Machine SM-5 | ***Receipt Date:*** | 5/9/2018 8:15 AM |
| ***Comments:*** | | ***Sampler:*** | Client |
| ***Sample Matrix:*** | Drinking Water | ***Project:*** | Silver Mesa Elementary |
| ***PO Number:*** | | ***System No.:*** | UTAH18000 |
| ***Source Code:*** | ***Sample Point:*** | ***Report to State:*** | |

| Parameter | Sample Result | EPA Max Contaminant Level (MCL) | Minimum Reporting Limit | Units | Analytical Method | Preparation Date/Time | Analysis Date/Time | Flag |
|---|---|---|---|---|---|---|---|---|
| **Metals** | | | | | | | | |
| Lead, Total | ND | 0.015 | 0.0005 | mg/L | EPA 200.8 | 05/09/2018 | 05/09/2018 | |

# 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.

5/9/18 0 day

**RUSH** Wednesday

S-8194, ULINE, 800-295-5510

# 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: Kevin Ray PROJECT: Silver Mesa Elementary

EMAIL: kevin.ray@canyonsdistrict.org

BILLING ADDRESS:

BILLING CITY/STATE/ZIP:

PURCHASE ORDER #:

INVOICE EMAIL ADDRESS:

CHEMTECH-FORD LABORATORIES

TURNAROUND REQUIRED:* Same Day

* Expedited turnaround subject to additional charge

| Lab Use Only | CLIENT SAMPLE INFORMATION | | | | | TESTS REQUESTED | | | | | | | | | | | | | | | | | | | | Bacteria | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| E04463 | LOCATION / IDENTIFICATION | DATE | TIME | MATRIX | Field: Residual Chlorine | Lead | | | | | | | | | | | | | | | | | | | | Total Coliform + E. coli (Present/Absent) | Total Coliform + E. coli (Enumerated) | HPC (Plate Count) | E. Coli Only |
| -01 | 1. Kitchen Prep SM-1 | 5-9-18 | 06:26 | Water | | | | | | | | | | | | | | | | | | | | | | | | | |
| -02 | 2. Kitchen Prep SM-2 | " | 06:28 | " | | | | | | | | | | | | | | | | | | | | | | | | | |
| -03 | 3. Kitchen Prep SM-3 | " | 06:30 | " | | | | | | | | | | | | | | | | | | | | | | | | | |
| -04 | 4. Flush SM-1 | " | 06:32 | " | | | | | | | | | | | | | | | | | | | | | | | | | |
| -05 | 5. Flush SM-2 | " | 06:35 | " | | | | | | | | | | | | | | | | | | | | | | | | | |
| -06 | 6. Flush SM-3 | " | 06:38 | " | | | | | | | | | | | | | | | | | | | | | | | | | |
| -07 | 7. North Hall Fth. SM-4 | " | 06:40 | " | | | | | | | | | | | | | | | | | | | | | | | | | |
| -08 | 8. Ice Machine SM-5 | " | 06:45 | " | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 9. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 10. | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Sampled by: [print]

Sampled by: [signature]

ON ICE NOT ON ICE Temp (C°): 17.7

*Special Instructions:*

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

| Relinquished by: [signature] | Date/Time | Received by: [signature] | Date/Time |
|---|---|---|---|
| | 5-9-18 08:15 | Annette Mills | 5-9-18 8:15 |
| 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 agress to pay collection costs and attorney's fees.*

**Work Order #** E0463

# CHEMTECH FORD LABORATORIES

Sample Receipt

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**Delivery Method:**

- ☐ UPS
- ☐ USPS
- ☐ FedEx
- ☐ Chemtech Courier
- ☒ Walk-in
- ☐ Customer Courier

**Receiving Temperature** 17.7 °C

| Sample # | Container | Chemtech Lot # or Preservative | Number of Subsamples | Preserved by Client/Third Party | Preserved in Receiving/Laboratory | Filtered in Field by Client | Misc Volume (oz/mL) | Comments |
|---|---|---|---|---|---|---|---|---|
| -01-03 | M | 849 | | | | | | |
| -04-08 | M | 843 | | | | | | |
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**Sample Condition**
(check if *yes*)

- ☐ Custody Seals
- ☑ Containers Intact
- ☐ COC/Labels Agree
- ☑ Preservation Confirmed
- ☐ Received on Ice
- ☑ Correct Containers(s)
- ☑ Sufficent Sample Volume
- ☐ Headspace Present (VOC)
- ☐ Temperature Blank
- ☑ Received within Holding Time

**Plastic Containers**

- A- Plastic Unpreserved
- B- Miscellaneous Plastic
- C- Cyanide Qt (NaOH)
- E- Coliform/Ecoli/HPC
- F- Sulfide Qt (Zn Acetate)
- L- Mercury 1631
- M- Metals Pint (HNO3)
- N- Nutrient Pint (H2SO4)
- R- Radiological (HNO3)
- S- Sludge Cups/Tubs
- Q- Plastic Bag

**Glass Containers**

- D- 625 (Na2S2O3)
- G- Glass Unpreserved
- H- HAAs (NH4Cl)
- J- 508/515/525 (Na2SO3)
- K- 515.3 Herbicides
- O- Oil & Grease (HCl)
- P- Phenols (H2SO4)
- T- TOC/TOX (H3PO4)
- U- 531 (MCAA, Na2S2O3)
- V- 524/THMs (Ascorbic Acid)
- W- 8260 VOC (1:1 HCl)
- X- Vial Unpreserved
- Y- 624/504 (Na2S2O3)
- Z- Miscellaneous Glass