



4/23/2018

**Work Order: 18D0624**  
**Project: Sprucewood 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.: 18D0624-01**

<b>Name:</b> Canyons School District	<b>Sample Date:</b> 4/11/2018 6:09 AM
<b>Sample Site:</b> Office Hall S-1	<b>Receipt Date:</b> 4/11/2018 2:35 PM
<b>Comments:</b>	<b>Sampler:</b> Client
<b>Sample Matrix:</b> Drinking Water	<b>Project:</b> Sprucewood Elementary
<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	04/12/2018	04/12/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	04/13/2018	04/17/2018	
Lead, Total	ND	0.015	0.0005	mg/L	EPA 200.8	04/12/2018	04/12/2018	



## Certificate of Analysis

**Lab Sample No.: 18D0624-02**

<b>Name:</b> Canyons School District	<b>Sample Date:</b> 4/11/2018 6:11 AM
<b>Sample Site:</b> Kitchen Prep S-2	<b>Receipt Date:</b> 4/11/2018 2:35 PM
<b>Comments:</b>	<b>Sampler:</b> Client
<b>Sample Matrix:</b> Drinking Water	<b>Project:</b> Sprucewood Elementary
<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	0.282	1.3	0.0010	mg/L	EPA 200.8	04/12/2018	04/12/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	04/13/2018	04/17/2018	
Lead, Total	0.0025	0.015	0.0005	mg/L	EPA 200.8	04/12/2018	04/12/2018	



### Certificate of Analysis

Lab Sample No.: 18D0624-03

<b>Name:</b> Canyons School District	<b>Sample Date:</b> 4/11/2018 6:13 AM
<b>Sample Site:</b> Cafeteria Hall S-3	<b>Receipt Date:</b> 4/11/2018 2:35 PM
<b>Comments:</b>	<b>Sampler:</b> Client
<b>Sample Matrix:</b> Drinking Water	<b>Project:</b> Sprucewood Elementary
<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	0.527	1.3	0.0010	mg/L	EPA 200.8	04/12/2018	04/12/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	04/13/2018	04/17/2018	
Lead, Total	ND	0.015	0.0005	mg/L	EPA 200.8	04/12/2018	04/12/2018	



## Certificate of Analysis

**Lab Sample No.: 18D0624-04**

<p><b>Name:</b> Canyons School District</p> <p><b>Sample Site:</b> 501 S-4</p> <p><b>Comments:</b></p> <p><b>Sample Matrix:</b> Drinking Water</p> <p><b>PO Number:</b></p> <p><b>Source Code:</b></p>	<p><b>Sample Date:</b> 4/11/2018 6:14 AM</p> <p><b>Receipt Date:</b> 4/11/2018 2:35 PM</p> <p><b>Sampler:</b> Client</p> <p><b>Project:</b> Sprucewood Elementary</p> <p><b>System No.:</b> UTAH18000</p> <p><b>Sample Point:</b></p> <p><b>Report to State:</b></p>
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Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
<b>Metals</b>								
Copper, Total	0.339	1.3	0.0010	mg/L	EPA 200.8	04/12/2018	04/12/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	04/13/2018	04/17/2018	
Lead, Total	ND	0.015	0.0005	mg/L	EPA 200.8	04/12/2018	04/12/2018	



## Certificate of Analysis

**Lab Sample No.: 18D0624-05**

<b>Name:</b> Canyons School District	<b>Sample Date:</b> 4/11/2018 6:16 AM
<b>Sample Site:</b> 301 S-5	<b>Receipt Date:</b> 4/11/2018 2:35 PM
<b>Comments:</b>	<b>Sampler:</b> Client
<b>Sample Matrix:</b> Drinking Water	<b>Project:</b> Sprucewood Elementary
<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	0.328	1.3	0.0010	mg/L	EPA 200.8	04/12/2018	04/12/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	04/13/2018	04/17/2018	
Lead, Total	ND	0.015	0.0005	mg/L	EPA 200.8	04/12/2018	04/12/2018	



### Certificate of Analysis

Lab Sample No.: 18D0624-06

<b>Name:</b> Canyons School District	<b>Sample Date:</b> 4/11/2018 6:18 AM
<b>Sample Site:</b> 011 S-6	<b>Receipt Date:</b> 4/11/2018 2:35 PM
<b>Comments:</b>	<b>Sampler:</b> Client
<b>Sample Matrix:</b> Drinking Water	<b>Project:</b> Sprucewood Elementary
<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	0.406	1.3	0.0010	mg/L	EPA 200.8	04/12/2018	04/12/2018	
Iron, Total	0.16	0.3	0.02	mg/L	EPA 200.7	04/13/2018	04/17/2018	
Lead, Total	0.0019	0.015	0.0005	mg/L	EPA 200.8	04/12/2018	04/12/2018	



## Certificate of Analysis

**Lab Sample No.: 18D0624-07**

<b>Name:</b> Canyons School District	<b>Sample Date:</b> 4/11/2018 6:20 AM
<b>Sample Site:</b> 101 S-7	<b>Receipt Date:</b> 4/11/2018 2:35 PM
<b>Comments:</b>	<b>Sampler:</b> Client
<b>Sample Matrix:</b> Drinking Water	<b>Project:</b> Sprucewood Elementary
<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	0.380	1.3	0.0010	mg/L	EPA 200.8	04/13/2018	04/13/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	04/13/2018	04/17/2018	
Lead, Total	ND	0.015	0.0005	mg/L	EPA 200.8	04/13/2018	04/13/2018	





## 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: Caryas School District  
 ADDRESS: 9361 South 300 East  
 CITY/STATE/ZIP: Sandy Utah 84070  
 PHONE #: 801-926-5143 FAX: \_\_\_\_\_  
 CONTACT: Kevin Ray PROJECT: Sprucewood Elementary  
 EMAIL: Kevin.ray@caryasdistrict.org

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



**CHEMTECH-FORD  
LABORATORIES**

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

\* Expedited turnaround subject to additional charge

D0624

Lab Use Only	CLIENT SAMPLE INFORMATION					TESTS REQUESTED										Bacteria										
	LOCATION / IDENTIFICATION	DATE	TIME	MATRIX	Field: Residual Chlorine																					
01	1. Office Hall S-1	4-11-18	06:09	Water																						
02	2. Kitchen Prep S-2		06:11																							
03	3. Cafeteria Hall S-3		06:13																							
04	4. 501 S-4		06:14																							
05	5. 301 S-5		06:16																							
06	6. 011 S-6		06:18																							
07	7. 101 S-7		06:20																							
	8.																									
	9.																									
	10.																									

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

ON ICE  NOT ON ICE  Temp (C°): 20.6

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
Relinquished by: [signature]	4-11-18 14:35	[Signature]	4-11-18 14:35
Relinquished by: [signature]			

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.

Work Order # D0624

CHEMTECH FORD LABORATORIES

Sample Receipt



CHEMTECH-FORD  
LABORATORIES

Delivery Method:

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

Receiving Temperature 20.6 °C

Sample #	Container	Chemtech Lot # or Preservative	Number of Subsamples			Misc Volume (oz/mL)	Comments
			Preserved by Client/Third Party	Preserved In Receiving/Laboratory	Filtered In Field by Client		
01-07	043						

**Sample Condition**  
(check if yes)

- Custody Seals
- Containers Intact
- COC/Labels Agree
- Preservation Confirmed
- Received on Ice
- Correct Containers(s)
- Sufficient 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