



3/26/2018

Work Order: 18C0732
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.: 18C0732-01

Name: Canyons School District	Sample Date: 3/15/2018 6:07 AM
Sample Site: Kitchen Prep ES-1	Receipt Date: 3/15/2018 9:48 AM
Comments:	Sampler: Client
Sample Matrix: Drinking Water	Project: East Sandy 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								
Copper, Total	0.155	1.3	0.0010	mg/L	EPA 200.8	03/21/2018	03/21/2018	
Iron, Total	0.07	0.3	0.02	mg/L	EPA 200.7	03/19/2018	03/19/2018	
Lead, Total	0.0032	0.015	0.0005	mg/L	EPA 200.8	03/21/2018	03/21/2018	



Certificate of Analysis

Lab Sample No.: 18C0732-02

Name: Canyons School District	Sample Date: 3/15/2018 6:10 AM
Sample Site: 5th Grade ES-2	Receipt Date: 3/15/2018 9:48 AM
Comments:	Sampler: Client
Sample Matrix: Drinking Water	Project: East Sandy 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								
Copper, Total	0.0305	1.3	0.0010	mg/L	EPA 200.8	03/21/2018	03/21/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	03/19/2018	03/19/2018	
Lead, Total	ND	0.015	0.0005	mg/L	EPA 200.8	03/21/2018	03/21/2018	



Certificate of Analysis

Lab Sample No.: 18C0732-03

Name: Canyons School District	Sample Date: 3/15/2018 6:12 AM
Sample Site: 4th Grade ES-3	Receipt Date: 3/15/2018 9:48 AM
Comments:	Sampler: Client
Sample Matrix: Drinking Water	Project: East Sandy 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								
Copper, Total	0.939	1.3	0.0010	mg/L	EPA 200.8	03/21/2018	03/21/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	03/19/2018	03/19/2018	
Lead, Total	0.0006	0.015	0.0005	mg/L	EPA 200.8	03/21/2018	03/21/2018	



Certificate of Analysis

Lab Sample No.: 18C0732-04

Name: Canyons School District	Sample Date: 3/15/2018 6:14 AM
Sample Site: Kindergarten ES-4	Receipt Date: 3/15/2018 9:48 AM
Comments:	Sampler: Client
Sample Matrix: Drinking Water	Project: East Sandy 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								
Copper, Total	0.986	1.3	0.0010	mg/L	EPA 200.8	03/21/2018	03/21/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	03/19/2018	03/19/2018	
Lead, Total	ND	0.015	0.0005	mg/L	EPA 200.8	03/21/2018	03/21/2018	



Certificate of Analysis

Lab Sample No.: 18C0732-05

Name: Canyons School District	Sample Date: 3/15/2018 6:17 AM
Sample Site: 1st Grade ES-5	Receipt Date: 3/15/2018 9:48 AM
Comments:	Sampler: Client
Sample Matrix: Drinking Water	Project: East Sandy 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								
Copper, Total	0.407	1.3	0.0010	mg/L	EPA 200.8	03/21/2018	03/21/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	03/19/2018	03/19/2018	
Lead, Total	ND	0.015	0.0005	mg/L	EPA 200.8	03/21/2018	03/21/2018	



Certificate of Analysis

Lab Sample No.: 18C0732-06

Name: Canyons School District	Sample Date: 3/15/2018 6:19 AM
Sample Site: 3rd Grade ES-6	Receipt Date: 3/15/2018 9:48 AM
Comments:	Sampler: Client
Sample Matrix: Drinking Water	Project: East Sandy 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								
Copper, Total	0.764	1.3	0.0010	mg/L	EPA 200.8	03/21/2018	03/21/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	03/19/2018	03/19/2018	
Lead, Total	ND	0.015	0.0005	mg/L	EPA 200.8	03/21/2018	03/21/2018	



Certificate of Analysis

Lab Sample No.: 18C0732-07

Name: Canyons School District	Sample Date: 3/15/2018 6:23 AM
Sample Site: Cafeteria ES-7	Receipt Date: 3/15/2018 9:48 AM
Comments:	Sampler: Client
Sample Matrix: Drinking Water	Project: East Sandy 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								
Copper, Total	0.545	1.3	0.0010	mg/L	EPA 200.8	03/21/2018	03/21/2018	
Iron, Total	0.11	0.3	0.02	mg/L	EPA 200.7	03/19/2018	03/19/2018	
Lead, Total	0.0010	0.015	0.0005	mg/L	EPA 200.8	03/21/2018	03/21/2018	



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: Canyons School District
 ADDRESS: 9361 South 300 East
 CITY/STATE/ZIP: Sandy Utah 84070
 PHONE #: 801-557-4514 FAX: _____
 CONTACT: Kevin Ray PROJECT: East Sandy 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

Lab Use Only	CLIENT SAMPLE INFORMATION				
	LOCATION / IDENTIFICATION	DATE	TIME	MATRIX	Field: Residual Chlorine
00732 -01	1. Kitchen Prep ES-1	3-15-18	06:07	Water	
-02	2. 5th Grade ES-2		06:10		
-03	3. 4th Grade ES-3		06:12		
-04	4. Kindergarten ES-4		06:14		
-05	5. 1st Grade ES-5		06:17		
-06	6. 3rd Grade ES-6		06:19		
-07	7. Cafeteria ES-7		06:23		
	8.				
	9.				
	10.				

TESTS REQUESTED										Bacteria									
Copper	Fluor	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): 15.9

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

Relinquished by: [signature] <u>[Signature]</u>	Date/Time <u>3-15-18 09:45</u>	Received by: [signature] <u>Annette Mills</u>	Date/Time <u>3/15/18 9:48</u>
Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time
Relinquished by: [signature]	Date/Time	Received by: [signature]	Date/Time

Work Order #

CO732

CHEMTECH FORD LABORATORIES

Sample Receipt



CHEMTECH-FORD
LABORATORIES

Delivery Method:

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

Receiving Temperature 15.9.c

Sample #	Container	Chemtech Lot # or Preservative	Number of Subsamples			Misc Volume (oz/mL)	Comments
			Preserved by Client/Third Party	Preserved by Analyzing Laboratory	Filtered by Field by Client		
-01-07	M	835					

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 (Na2SO3)
- 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, Na2SO3)
- V- 524/THMs (Ascorbic Acid)
- W- 8260 VOC (1:1 HCl)
- X- Vial Unpreserved
- Y- 624/504 (Na2SO3)
- Z- Miscellaneous Glass