CHEMTECH-FORD
LABORATORIES

4/5/2018

Work Order: 18C1479
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.

NELAP ACCREDITED TNI LABORATORY

Approved By:

Dave Gayer, Laboratory Director

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 18C1479-01

Name:	**Canyons School District**	***Sample Date:***	3/29/2018 6:10 AM
Sample Site:	West Kinder QH-1	***Receipt Date:***	3/29/2018 12:40 PM
Comments:		***Sampler:***	Client
Sample Matrix:	Drinking Water	***Project:***	Quail Hollow 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	0.0028	1.3	0.0010	mg/L	EPA 200.8	03/30/2018	04/02/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	04/03/2018	04/03/2018	
Lead, Total	0.0005	0.015	0.0005	mg/L	EPA 200.8	03/30/2018	04/02/2018	

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Certificate of Analysis

Lab Sample No.: 18C1479-02

Name:	**Canyons School District**	***Sample Date:***	3/29/2018 6:13 AM
Sample Site:	Kitchen Prep QH-2	***Receipt Date:***	3/29/2018 12:40 PM
Comments:		***Sampler:***	Client
Sample Matrix:	Drinking Water	***Project:***	Quail Hollow 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	0.311	1.3	0.0010	mg/L	EPA 200.8	03/30/2018	04/02/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	04/03/2018	04/03/2018	
Lead, Total	0.0066	0.015	0.0005	mg/L	EPA 200.8	03/30/2018	04/02/2018	

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Certificate of Analysis

Lab Sample No.: 18C1479-03

Name:	**Canyons School District**	***Sample Date:***	3/29/2018 6:15 AM
Sample Site:	1st Grade QH-3	***Receipt Date:***	3/29/2018 12:40 PM
Comments:		***Sampler:***	Client
Sample Matrix:	Drinking Water	***Project:***	Quail Hollow 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	0.433	1.3	0.0010	mg/L	EPA 200.8	03/30/2018	04/02/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	04/03/2018	04/03/2018	
Lead, Total	0.0007	0.015	0.0005	mg/L	EPA 200.8	03/30/2018	04/02/2018	

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Lab Sample No.: 18C1479-04

Name:	**Canyons School District**	***Sample Date:***	3/29/2018 6:17 AM
Sample Site:	2nd Grade QH-4	***Receipt Date:***	3/29/2018 12:40 PM
Comments:		***Sampler:***	Client
Sample Matrix:	Drinking Water	***Project:***	Quail Hollow 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	0.0431	1.3	0.0010	mg/L	EPA 200.8	03/30/2018	04/02/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	04/03/2018	04/03/2018	
Lead, Total	ND	0.015	0.0005	mg/L	EPA 200.8	03/30/2018	04/02/2018	

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Certificate of Analysis

Lab Sample No.: 18C1479-05

Name:	**Canyons School District**	***Sample Date:***	3/29/2018 6:19 AM
Sample Site:	3rd Grade QH-5	***Receipt Date:***	3/29/2018 12:40 PM
Comments:		***Sampler:***	Client
Sample Matrix:	Drinking Water	***Project:***	Quail Hollow 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	0.0551	1.3	0.0010	mg/L	EPA 200.8	04/02/2018	04/02/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	04/03/2018	04/03/2018	
Lead, Total	ND	0.015	0.0005	mg/L	EPA 200.8	04/02/2018	04/02/2018	

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Lab Sample No.: 18C1479-06

Name:	**Canyons School District**	***Sample Date:***	3/29/2018 6:21 AM
Sample Site:	4th Grade QH-6	***Receipt Date:***	3/29/2018 12:40 PM
Comments:		***Sampler:***	Client
Sample Matrix:	Drinking Water	***Project:***	Quail Hollow 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	0.0331	1.3	0.0010	mg/L	EPA 200.8	04/02/2018	04/02/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	04/03/2018	04/03/2018	
Lead, Total	ND	0.015	0.0005	mg/L	EPA 200.8	04/02/2018	04/02/2018	

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Lab Sample No.: 18C1479-07

Name:	**Canyons School District**	***Sample Date:***	3/29/2018 6:23 AM
Sample Site:	5th Grade QH-7	***Receipt Date:***	3/29/2018 12:40 PM
Comments:		***Sampler:***	Client
Sample Matrix:	Drinking Water	***Project:***	Quail Hollow 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	0.0591	1.3	0.0010	mg/L	EPA 200.8	04/02/2018	04/02/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	04/03/2018	04/03/2018	
Lead, Total	ND	0.015	0.0005	mg/L	EPA 200.8	04/02/2018	04/02/2018	

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Lab Sample No.: 18C1479-08

Name:	**Canyons School District**	***Sample Date:***	3/29/2018 6:25 AM
Sample Site:	Pre School QH-8	***Receipt Date:***	3/29/2018 12:40 PM
Comments:		***Sampler:***	Client
Sample Matrix:	Drinking Water	***Project:***	Quail Hollow 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	0.131	1.3	0.0010	mg/L	EPA 200.8	04/02/2018	04/02/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	04/03/2018	04/03/2018	
Lead, Total	ND	0.015	0.0005	mg/L	EPA 200.8	04/02/2018	04/02/2018	

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Lab Sample No.: 18C1479-09

Name:	**Canyons School District**	***Sample Date:***	3/29/2018 6:27 AM
Sample Site:	Main Hall QH-9	***Receipt Date:***	3/29/2018 12:40 PM
Comments:		***Sampler:***	Client
Sample Matrix:	Drinking Water	***Project:***	Quail Hollow 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	0.0521	1.3	0.0010	mg/L	EPA 200.8	04/02/2018	04/02/2018	
Iron, Total	ND	0.3	0.02	mg/L	EPA 200.7	04/03/2018	04/03/2018	
Lead, Total	ND	0.015	0.0005	mg/L	EPA 200.8	04/02/2018	04/02/2018	

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.

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: Quail Hollow 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

dg

Lab Use Only	CLIENT SAMPLE INFORMATION					TESTS REQUESTED				Bacteria			
1479	LOCATION / IDENTIFICATION	DATE	TIME	MATRIX	Field: Residual Chlorine	Copper	Iron	Lead		Total Coliform + E. coli (Present/Absent)	Total Coliform + E. coli (Enumerated)	HPC (Plate Count)	E. Coli Only
-01	1. West Kinder QH-1	3-29-18	06:10	Water									
-02	2. Kitchen Prep QH-2	"	06:13	"									
-03	3. 1st Grade QH-3	"	06:15	"									
-04	4. 2nd Grade QH-4	"	06:17	"									
-05	5. 3rd Grade QH-5	"	06:19	"									
-06	6. 4th Grade QH-6	"	06:21	"									
-07	7. 5th Grade QH-7	"	06:23	"									
-08	8. Pre School QH-8	"	06:25	"									
-09	9. Main Hall QH-9	"	06:27	"									
-10	10.												

Sampled by: [print]
Sampled by: [signature]

VAW 3/29/18

Special Instructions:

ON ICE NOT ON ICE Temp (C°): 20.1

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

Relinquished by: [signature]	Date/Time 03-29-18 12:46	Received by: [signature] Annette Mills	Date/Time 3/29/18 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

Work Order # C1479

CHEMTECH FORD LABORATORIES
Sample Receipt

CHEMTECH-FORD LABORATORIES

Delivery Method:

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

Receiving Temperature 20.1 °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
-01-09	0M	873						-08-09 M 835

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