CHEMTECH-FORD
LABORATORIES

11/4/2019

Work Order: 19J1480
Project: EID

Aqua Environmental Services
Attn: Larry Hall
89 W. Monarch
Bountiful, UT 84010

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:

Mark Broadhead, Project Manager

CHEMTECH-FORD
LABORATORIES

Certificate of Analysis

Lab Sample No.: 19J1480-01

Name:	**Aqua Environmental Services**	***Sample Date:***	10/24/2019 3:50 PM
Sample Site:	Freeze Creek Well	***Receipt Date:***	10/25/2019 11:00 AM
Comments:		***Sampler:***	Larry Hall
Sample Matrix:	Drinking Water	***Project:***	EID
PO Number:		***System No.:***	UTAH18143
Source Code:	WS001	***Sample Point:*** WS001	***Report to State:*** N

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic								
pH	7.6		0.1	pH Units	SM 4500 H-B	10/25/2019 13:29	10/25/2019 14:41	SPH
Metals								
Copper, Total	0.0013	1.3	0.0010	mg/L	EPA 200.8	10/28/2019	10/28/2019	
Lead, Total	ND	0.015	0.0005	mg/L	EPA 200.8	10/28/2019	10/28/2019	

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Certificate of Analysis

Lab Sample No.: 19J1480-02

Name:	**Aqua Environmental Services**	***Sample Date:***	10/24/2019 3:30 PM
Sample Site:	Well #2	***Receipt Date:***	10/25/2019 11:00 AM
Comments:		***Sampler:***	Larry Hall
Sample Matrix:	Drinking Water	***Project:***	EID
PO Number:		***System No.:***	UTAH18143
Source Code:	WS002	***Sample Point:*** WS002	***Report to State:*** N

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic								
pH	7.5		0.1	pH Units	SM 4500 H-B	10/25/2019 13:29	10/25/2019 14:42	SPH
Metals								
Copper, Total	0.0019	1.3	0.0010	mg/L	EPA 200.8	10/28/2019	10/28/2019	
Lead, Total	ND	0.015	0.0005	mg/L	EPA 200.8	10/28/2019	10/28/2019	

CHEMTECH-FORD
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Certificate of Analysis

Lab Sample No.: 19J1480-03

Name:	**Aqua Environmental Services**	***Sample Date:***	10/24/2019 4:20 PM
Sample Site:	Upper Freeze Creek	***Receipt Date:***	10/25/2019 11:00 AM
Comments:		***Sampler:***	Larry Hall
Sample Matrix:	Drinking Water	***Project:***	EID
PO Number:		***System No.:***	UTAH18143
Source Code:	WS004 ***Sample Point:*** WS004	***Report to State:***	N

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Inorganic								
pH	7.6		0.1	pH Units	SM 4500 H-B	10/25/2019 13:29	10/25/2019 14:43	SPH
Metals								
Copper, Total	ND	1.3	0.0010	mg/L	EPA 200.8	10/28/2019	10/28/2019	
Lead, Total	ND	0.015	0.0005	mg/L	EPA 200.8	10/28/2019	10/28/2019	

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.

Flag Descriptions

SPH = Sample submitted past method specified holding time.

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.

DRINKING WATER SAMPLES ONLY

CHEMTECH - FORD ANALYTICAL LABORATORY

CHAIN OF CUSTODY

COMPANY:	Aqua Environmental Services Inc.
ADDRESS:	89 W Monarch Dr
CITY/STATE/ZIP:	Bountiful, Utah 84010
PHONE #:	801-209-6382 **FAX:**
CONTACT:	Larry Hall **PROJECT:** EID
EMAIL:	larryh@aquaenviron.com

** Expedited turnaround subject to additional charge*

BILLING ADDRESS: SAME

BILLING CITY/STATE/ZIP:

PURCHASE ORDER:

CHEMTECH-FORD LABORATORIES

TURNAROUND TIME REQUIRED:

* Expedited turnaround subject to additional charge

State System Number	Send to State
UTAH18143	[ ] Yes [X] No

TESTS REQUESTED

Bacteria

R = Routine
I = Investigative
TR = Trigger Source
RP = Repeat

REPEAT
OR = Original Location
UP = Upstream
DN = Downstream

Lab Use Only	CLIENT SAMPLE INFORMATION						Lead and Copper	pH	Total Coliform + E. coli (Present/Absent)	Total Coliform + E. coli (Enumerated)	HPC (Plate Count)	REPEAT	LAB FAIL Ref #
	LOCATION	DATE	TIME	FACILITY ID (source code)	POINT CODE (DBP)	Field: Residual Chlorine							
J1480 01	1. Freeze Creek Well	10/24/19	15:50	WS001			✓	✓					
02	2. Well #2	10/24/19	15:30	WS002			✓	✓					
03	3. Upper Freeze Creek	10/24/19	16:20	WS004			✓	✓					
	4.												
	5.												
	6.												
	7.												
	8.												
	9.												
	10.												

Sampled by: [print] Larry Hall | Sampled by: [signature] Larry Hall

ON ICE NOT ON ICE Temp (C°): 0.6

Special Instructions:

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

Relinquished by: [signature] Larry Hall	Date/Time 10/25/19 1:00	Received by: [signature] Sandra Hutchins	Date/Time 10/25/19 1100
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.

Work Order # J1480

CHEMTECH FORD LABORATORIES
Sample Receipt

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Delivery Method:

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

Receiving Temperature 0.6 °C

Sample #	Container	Chemtech Lot # or Preservative	Number of Containers	Received in Good Condition/Cold	Preserved in Lab	Filtered in Field by Client	Misc Volume (oz/mL)	Comments
01-02	MQ				X			
	AP							POURED off in Receiving for pH

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