

#### 10/16/2019

Work Order: 19J0277 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.



Approved By:

Dave Gayer, Laboratory Director

9632 South 500 West Sandy, Utah 84070 801.262.7299 Main 866.792.0093 Fax *www.ChemtechFord.com* 



Lab Sample No.: 19J0277-01

Name: Aqua Environmental Services Sample Date: 9/23/2019 6:18 AM

**Sample Site:** 46 Smokey Ln (EID-1) **Receipt Date:** 10/3/2019 12:50 PM

Comments: Sampler: Homeowners

Sample Matrix: Drinking Water Project: EID

**PO Number:** System No.: UTAH18143

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total Lead, Total	0.197 0.0030	1.3 0.015	0.0010 0.0005	mg/L mg/L	EPA 200.8 EPA 200.8	10/07/2019 10/07/2019	10/07/2019 10/07/2019	



Lab Sample No.: 19J0277-02

Name: Aqua Environmental Services Sample Date: 9/23/2019 6:45 AM

 Sample Site:
 75 Silver Oak Rd (EID-2)

 Receipt Date:
 10/3/2019 12:50 PM

Comments: Sampler: Homeowners

Sample Matrix: Drinking Water Project: EID

**PO Number:** System No.: UTAH18143

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total Lead, Total	0.427 <b>0.0196</b>	1.3 0.015	0.0010 0.0005	mg/L mg/L	EPA 200.8 EPA 200.8	10/07/2019 10/07/2019	10/07/2019 10/07/2019	



Lab Sample No.: 19J0277-03

Name: Aqua Environmental Services Sample Date: 9/23/2019 7:48 AM

**Sample Site:** 124 Young Oak Rd (EID-3) **Receipt Date:** 10/3/2019 12:50 PM

Comments: Sampler: Homeowners

Sample Matrix: Drinking Water Project: EID

**PO Number:** System No.: UTAH18143

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total Lead, Total	0.262 0.0008	1.3 0.015	0.0010 0.0005	mg/L mg/L	EPA 200.8 EPA 200.8	10/07/2019 10/07/2019	10/07/2019 10/07/2019	



Lab Sample No.: 19J0277-04

Name: Aqua Environmental Services Sample Date: 9/23/2019 7:30 AM

**Sample Site:** 135 Young Oak Rd (EID-4) **Receipt Date:** 10/3/2019 12:50 PM

Comments: Sampler: Homeowners

Sample Matrix: Drinking Water Project: EID

**PO Number:** System No.: UTAH18143

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total Lead, Total	0.270 0.0073	1.3 0.015	0.0010 0.0005	mg/L mg/L	EPA 200.8 EPA 200.8	10/07/2019 10/07/2019	10/07/2019 10/07/2019	



Lab Sample No.: 19J0277-05

Name: Aqua Environmental Services Sample Date: 9/22/2019 8:00 PM

**Sample Site:** 105 Young Oak Rd (EID-5) **Receipt Date:** 10/3/2019 12:50 PM

Comments: Sampler: Homeowners

Sample Matrix: Drinking Water Project: EID

**PO Number:** System No.: UTAH18143

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total Lead, Total	0.251 <b>0.0234</b>	1.3 0.015	0.0010 0.0005	mg/L mg/L	EPA 200.8 EPA 200.8	10/07/2019 10/07/2019	10/07/2019 10/07/2019	



Lab Sample No.: 19J0277-06

Name: Aqua Environmental Services Sample Date: 9/23/2019 1:20 AM

**Sample Site:** 160 Young Oak Rd (EID-6) **Receipt Date:** 10/3/2019 12:50 PM

Comments: Sampler: Homeowners

Sample Matrix: Drinking Water Project: EID

**PO Number:** System No.: UTAH18143

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total Lead, Total	0.212 0.0037	1.3 0.015	0.0010 0.0005	mg/L mg/L	EPA 200.8 EPA 200.8	10/07/2019 10/07/2019	10/07/2019 10/07/2019	



Lab Sample No.: 19J0277-07

Name: Aqua Environmental Services Sample Date: 9/24/2019 6:04 PM

**Sample Site:** 159 Young Oak Rd (EID-7) **Receipt Date:** 10/3/2019 12:50 PM

Comments: Sampler: Homeowners

Sample Matrix: Drinking Water Project: EID

**PO Number:** System No.: UTAH18143

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total Lead, Total	0.210 0.0015	1.3 0.015	0.0010 0.0005	mg/L mg/L	EPA 200.8 EPA 200.8	10/07/2019 10/07/2019	10/07/2019 10/07/2019	



Lab Sample No.: 19J0277-08

Name: Aqua Environmental Services Sample Date: 9/30/2019 8:15 AM

Sample Site: 345 Middle Oak Ln (EID-8)

Receipt Date: 10/3/2019 12:50 PM

Comments: Sampler: Homeowners

Sample Matrix: Drinking Water Project: EID

**PO Number:** System No.: UTAH18143

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total Lead, Total	0.147 0.0007	1.3 0.015	0.0010 0.0005	mg/L mg/L	EPA 200.8 EPA 200.8	10/07/2019 10/07/2019	10/07/2019 10/07/2019	



Lab Sample No.: 19J0277-09

Name: Aqua Environmental Services Sample Date: 9/24/2019 6:00 AM

Sample Site: 5430 E Pioneer Fk Rd (EID-9)

Receipt Date: 10/3/2019 12:50 PM

Comments: Sampler: Homeowners

Sample Matrix: Drinking Water Project: EID

**PO Number:** System No.: UTAH18143

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total Lead, Total	0.257 <b>0.0315</b>	1.3 0.015	0.0010 0.0005	mg/L mg/L	EPA 200.8 EPA 200.8	10/07/2019 10/07/2019	10/07/2019 10/07/2019	



Lab Sample No.: 19J0277-10

Name: Aqua Environmental Services Sample Date: 9/22/2019 7:00 AM

**Sample Site:** 161 Young Oak Rd (EID-10) **Receipt Date:** 10/3/2019 12:50 PM

Comments: Sampler: Homeowners

Sample Matrix: Drinking Water Project: EID

**PO Number:** System No.: UTAH18143

Parameter	Sample Result	EPA Max Contaminant Level (MCL)	Minimum Reporting Limit	Units	Analytical Method	Preparation Date/Time	Analysis Date/Time	Flag
Metals								
Copper, Total Lead, Total	0.170 0.0012	1.3 0.015	0.0010 0.0005	mg/L mg/L	EPA 200.8 EPA 200.8	10/07/2019 10/07/2019	10/07/2019 10/07/2019	

# CHEMTECH-FORD

# **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.

#### **DRINKING WATER SAMPLES ONLY** CHEMTECH - FORD ANALYTICAL LABORATORY **CHAIN OF CUSTODY** Agua Environmental Services Inc. COMPANY: **BILLING ADDRESS: SAME** 89 W Monarch Dr ADDRESS: BILLING CITY/STATE/ZIP: Bountiful UT 84010 CITY/STATE/ZIP: **PURCHASE ORDER:** 801-209-6382 FAX: PHONE #: CHEMTECH-FORD CONTACT: Larry Hall PROJECT: EID larryh@aquaenviron.com EMAIL: TURNAROUND TIME REQUIRED: \* Expedited turnaround subject to additional charge \* Expedited turnaround subject to additional charge **State System Number** Send to State TESTS REQUESTED Bacteria R = Routine UTAH18143 I = Investigative No Yes otal Coliform + E. coli (Enumerated) TR = Trigger Source RP = Repeat REPEAT OR = Original Location UP = Upstream Ш + DN = Downstream Lab Use Only **CLIENT SAMPLE INFORMATION** Field: Residua ø FACILITY ID (source LAB FAIL Ref # LOCATION DATE TIME POINT CODE (DBP) Chlorine 90 code) 46 Smokey Ln (EID-1) 9/23/19 6:18 AM 02 2. 75 Silver Oak Rd (EID-2) 9/23/19 6:45 AM 03 3. 124 Young Oak Rd (EID-3) 9/23/19 7:48 AM 04 4 135 Young Oak Rd (EID-4) 9/23/19 7:30 00 5. 105 Young Oak Rd (EID-5) 9/22/19 8:00 PM Ob 6. 160 Young Oak Rd (EID-6) 9/23/19 1:20 01 159 Young Oak Rd (EID-7) 9/24/19 6:04 PM 08 345 Middle Oak Ln (EID-8) 9/30/19 8:15 AM 09 9. 5430 E Pioneer Fk Rd(EID-9) 9/24/19 6 AM 10 10. 161 Young Oak Rd (EID-10) 9/22/19 7 AM Sampled by: [print] Residents ampled by: [signature] NOT ON ICE Temp (C°): 12. 4

CHEMTECH-FORD 9632 South 500 West Sandy, UT 84070

Special Instructions:

Relinquished by: [signature]

Relinquished by: [signature] Relinquished by: [signature]

> 801.262.7299 PHONE 866.792.0093 FAX www.ChemtechFord.com

Date/Time

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.

10/3/

Date/Time

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

Received by: [signature]

1250

#### **CHEMTECH FORD LABORATORIES**

Sample Receipt

6
EMTECH-FORD

Dalinam, M									
Delivery Mo  ☐ UPS ☐ FedEx	etnoa: □ USPS □ Chemtech Co	ourier				100000			CHEMTECH-FORD LABORATORIES
☑ Walk-in	□ Customer Co	ourier		Receiving Temperature 12.4°C					Sample Condition (check if yes)
			nples	t/Thire	iving/L	/ Client			☐ Custody Seals
Sample #	Container	Chemtech Lot # or Preservative	Number of Subsamples	Preserved by Client/Third Party	Preserved in Receiving/Laboratory	iltered in Field by Client	Misc Volume (oz/mL)	Comments	Containers Intact COC/Labels Agree Preservation Confirmed
01-10	MQ				X				☐ Received on Ice
						П			Correct Containers(s)
						П			Sufficent Sample Volume
						П			☐ Headspace Present (VOC)
						П			☐ Temperature Blank
	4								Received within Holding Time
									<b>Plastic Containers</b>
									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)
						П			S- Sludge Cups/Tubs Q- Plastic Bag
				Г		П			
				Г		П			<b>Glass Containers</b>
						П			D- 625 (Na2S2O3) G- Glass Unpreserved
						П			H- HAAs (NH4Cl)
						П			J- 508/515/525 (Na2SO3) K- 515.3 Herbicides
				Г	Г	П			O- Oil & Grease (HCl) P- Phenols (H2SO4)
			T	$\vdash$		Н			T- TOC/TOX (H3PO4) U- 531 (MCAA, Na2S2O3)
			T	$\vdash$		Н			V- 524/THMs (Ascorbic Acid)
									W- 8260 VOC (1:1 HCl) X- Vial Unpreserved Y- 624/504 (Na2S2O3) Z- Miscellaneous Glass